European R&I Policy Evaluation Conference

REvaluation '21/22

Anticipation / Transformation / Resilience

CONFERENCE PROGRAMME

MAY 5 & 6 2022 | TECHGATE, VIENNA, AUSTRIA

AUSTRIAN PLATFORM for Research and Technology Policy Evaluation ftEval

Fraunhofer ISI

IFRIS Institute For Research and Innovation in Society

DAY 1 Programme - Quick Overview

	Business Stage 1.2	Business Stage 1.1	MultiMedia Stage [Plenary]	City Stage
8:30	***REGISTRATION***			
9:30			**OPENING & KEY-NOTE:** Luke Georghiou	
SLOT 1 **10:30-12:00**	**A) ANTICIPATION - PLANNING IN UNPREDICTABLE TIMES** **Chair:** Wolfgang Polt **Discussant:** Tobias Dudenbostel Bettina Uhrig et al Mariangel Pacheco-Troisi Eleonora Dagienė	**B) TRANSFORMATION I - CO-CREATION** **Chair:** Philippe Larédo **Discussant:** Jakob Kofler Susanne Schuck-Zöller Magdalena Wailzer et al Carla Alvial Palavicino	**C) ENTREPRENEUR-SHIP** **Chair:** Nicholas Vonortas **Discussant:** Alfried Braumann Sang-Min Park Bastian Krieger Shumpei Miyajima et al	**D) REGIONAL INNOVATION** **Chair:** Michael Stampfer **Discussant:** Stefan Philipp Tjitske Holtrop Sonia Daniela Mena Jara Tim Willemse
12:00			**PANEL** on the effects of the COVID-19 Pandemic on Research Policies	
13:00	***LUNCH BREAK***			
SLOT 2 **14:00-15:30**	**E) FAST-TRACK COVID-19 R&I POLICY** **Chair:** Thyra de Jongh **Discussant:** Michael Strassnig Jan Wessels et al Peter Kolarz et al Margherita Russo	**F) TRANSFORMATION II - MISSION-ORIENTA-TION** **Chair:** Jakob Edler **Discussant:** Brigitte Ecker Florian Wittmann et al Oscar Yandy Romero Goyeneche Jakob Kofler	**G) NEW DATA SOURCES & EMPIRICAL METHODS IN R&I IMPACT ANALYSIS (14:00-16:00)** **Chair:** Andreas Reinstaller **Discussant:** Jürgen Janger & Agnes Kügler Renée van Dis et al Matthieu Brun Julia Bachtrögler-Unger Tess Landon et al	**H) SPECIFIC PRO-GRAMME EVALUATIONS** **Chair:** Emanuela Reale **Discussant:** Michael Dinges Klaus Schuch Stefanie Margraf Tobias Dudenbostel
15:30	***COFFEE BREAK***			
SLOT 3 **16:00-17:30**	**I) POSTER SESSION** **Chair:** Katharina Warta Motoshi Kunugi et al André Brasil Vladislav Čadil Oliver Rohde >>>ENTRANCE HALL<<<	**J) TRANSFORMATION III - SOCIAL INNOVATION** **Chair:** Susanne Bührer-Topçu **Discussant:** Jürgen Streicher Laurens Hessels et al Sarah Seus et al Lise Moawad et al		**K) SYSTEMIC VIEWS - HOLISTIC APPROACHES** **Chair:** Anna Deutschmann **Discussant:** Jakob Kofler Michael Rothgang Harald Wieser Magdalena Wicher et al
17:30-18:00			**PRESENTATION** of the Research on Research Institute (RoRI) & **CLOSING** of Day 1	
19:00	***SIDE EVENT: CONFERENCE DINNER AT HEURIGER "CHRIST"***			

THEMES

- Conceptual and methodological advances in R&I policy evaluation
- What can we learn from fast-track COVID-19 R&I policies?
- Evaluation of resilience of R&I systems and their contribution to public resilience
- Understanding and evaluating transformative R&I policy

DAY 2 Programme - Quick Overview

	Business Stage 1.2	Business Stage 1.1	MultiMedia Stage [Plenary]	City Stage
8:30		***CHECK-IN***		
9:00			**OPENING & KEY-NOTE:** Paul Hünermund	
SLOT 4 **9:30-11:00**	**L) TRANSFORMATION IV - INNOVATION MANAGEMENT IN SYSTEMIC CHANGE** **Chair**: Dorothea Sturn **Discussant**: Philipp Witibschlager Sarah Seus et al Michael Dinges et al Michael J. Bernstein	**M) TRANSFORMATION V - CASES & EXAMPLES** **Chair:** Matthijs Janssen **Discussant:** Brigitte Ecker Sonja Schneuwly et al Susanne Bührer-Topçu Lasse Bundgaard et al	**N) HIGHER EDUCATION POLICY** **Chair:** Julia Melkers **Discussant:** Donia Lasinger Emanuela Reale Richard Heidler Max Fochler et al	**O) OPEN SPACE** Room for 1:1 Meetings
11:00		***COFFEE BREAK***		
11:30			**FTEVAL ANNIVERSARY** Enquete & Ceremony for the Evaluation Talent Award 2021	
13:00		***LUNCH BREAK***		
SLOT 5 **14:00-15:30**	**P) PROGRAMME OWNERS MEET THEIR EVALUATORS** **Chair:** Peter Kaufmann **Discussant:** Birgit Woitech Katharina Warta et al Thomas Palfinger et al	**Q) TRANSFORMATION VI - SOCIETAL CHALLENGES** **Chair:** Jordi Molas-Gallart **Discussant:** Angela Wroblewski Amber Guerts et al Oscar Yandy Romero Goyeneche Cristian Matti et al	**R) TRACKING IMPACT PATHWAYS** **Chair:** Wolfgang Polt **Discussant:** Patrick Lehner Sandrine Wolff et al Philipp Böing et al Jinwon Kang Merve Yorulmaz et al	**S) RESEARCH EVALUATION: PERSPECTIVES OF THE NEXT GENERATION** **Chair**: Julia Melkers **Discussant**: Philippe Larédo Andreas Albiez, Katie Marchese, Ingrid Marin, Rena Marrotta, Georgie Moore, Lydia Wiederholt
15:30			**PANEL** on Transformative Innovation Policies	
16:30			**WRAP UP & CLOSING** of Conference	

THEMES

- Conceptual and methodological advances in R&I policy evaluation
- What can we learn from fast-track COVID-19 R&I policies?
- Evaluation of resilience of R&I systems and their contribution to public resilience
- Understanding and evaluating transformative R&I policy

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The Conference Programme Booklet was sent to print on 26 April, 2022.
Changes that ocurred afterwards will be made public on the conference website:
https://www.revaluation2021.eu/programme

ABOUT

Brief overview - REvaluation'~~21~~ 22 Conference

In the last couple of years, European science and innovation systems have been challenged by at least two major developments. First, R&I funding is increasingly designed with a view to support societal missions or system transformations. Second, COVID-19 has demonstrated the importance of resilience of science and innovation systems and has questioned hitherto long held views of openness and division of labour in the development of knowledge and innovation.
This year's edition of European's largest R&I policy evaluation conference will respond to those challenges. While primarily asking for conceptual and methodological advances in the field of R&I policy evaluation in its broadest sense, a strong focus this year will be to share and discuss conceptual approaches and experiences to assess and measure the relevance and effectiveness of new R&I policy responses which aim to contribute to transformation and resilience. This is especially important – and challenging – as such R&I policies are mostly still at experimental stage.
There is thus great uncertainty about which R&I interventions will work how and which rebound effects they may trigger. A clear instrumental toolbox is currently not in sight. These developments also challenge the field of evaluation: new policy questions require new evaluative approaches, new methods and new indicators, for which data are often very difficult to collect.
Also the COVID-19 crisis has challenged R&I policy even beyond the urgency of providing innovative vaccination, medicine and health-care. System complexity, availability of (reliable) data, and an unprecedented public attention to science, scientific conduct and science communication versus conspiracy have become issues. Thus, the conference gives also floor to first assessments on changed R&I practices and interventions caused by the COVID-19 crisis.
The conference will engage up to 200 participants from all over Europe and beyond. It will gather academics, evaluators, research managers, R&I policy makers, R&I councils and funding agencies to share methodological advances in R&I policy evaluation and to debate new R&I policies and their implications for evaluation theory and practice.
The conference is dedicated to conceptual and methodological advances in R&I policy evaluation. The focus lies on the following themes, which will be organised in various sessions and formats:

1. **Conceptual and methodological advances in R&I policy evaluation**
2. **What can we learn from fast-track COVID-19 R&I policies?**
3. **Evaluation of resilience of R&I systems and their contribution to public resilience**
4. **Understanding and evaluating transformative R&I policy**

Side Events

Evening Reception at Leopold Museum
Museumsplatz 1, 1070 Wien
ARRIVAL DAY - Wednesday, May 4
18:15-20:30

There will be a guided tour through the museum (tour starts at 18:30)
https://www.leopoldmuseum.org

Transfer: Transfer: please use public transport (e.g.: orange metro line 3 to station "Volkstheater"). Connections can be checked here: https://www.wienerlinien.at.

Conference Dinner at Heuriger* "Christ"
DAY 1 - Thursday, May 5, 19:00

Amtsstraße 12, 1210 Wien
www.weingut-christ.at
*a typical Austrian restaurant

Transfer: a bus is organised from the conference venue and back.
Departure from Tech Gate: 18:30;
Departures from the restaurant: 20:30 and 21:00

ABOUT

...the Organisers

The REvaluation Conference 20~~21~~ 22 is organised by

AUSTRIAN PLATFORM FOR RESEARCH AND TECHNOLOGY POLICY EVALUATION

The Austrian Platform for Research and Technology Policy Evaluation (fteval) was founded in 1996 as an informal co-operation and aims at presenting approaches and methods of evaluation, discussing the current evaluation practice on an international level and thus contributing to the development of a culture of evaluation in Austria. In November 2006, its members re-founded the Austrian Platform for Research and Technology Policy Evaluation as a society. The mission of the platform is to attain quality, transparency and an adequate coverage of evaluations for a better strategic planning of RTI policy in Austria. Therefore we aspire to advance the existing evaluation culture together with decision makers in the field of research, technoogy and innovation policy.

FRAUNHOFER INSTITUTE FOR SYSTEMS AND INNOVATION RESEARCH ISI

The Fraunhofer Institute for Systems and Innovation Research ISI conducts applied research in seven Competence Centers with a total of 28 Business Units and sees itself as an independent institute for society, politics and industry. Our expertise in the area of innovation research is based on the synergy of the technical, economic and social science knowledge of our staff members. In our work we apply not only a broad spectrum of advanced scientific theories, models, methods and social-science measurement instruments, but continually develop them further, utilizing the empirical findings from the research projects conducted.
On behalf of our customers we investigate the scientific, economic, ecological, social, organizational, legal and political framework conditions for generating innovations and their implications. We use scientifically based analysis, evaluation and forecasting methods. Our assessments of the potentials and limitations of technical, organizational or institutional innovations help decision-makers from industry, academia and politics in making strategic decisions and thus assist them in creating a favorable environment for innovations. Thus Fraunhofer ISI one of the leading innovation research institutes in Europe.

INSTITUTE FOR RESEARCH AND INNOVATION IN SOCIETY

IFRIS – the Institute for Research and Innovation in Society – was created in 2007 and has been recongised as one of the 150 French 'laboratories of excellence' in the 2010-11 national competition ('programme d'investissement d'avenir'). It is an interdisciplinary institute at the encounter of sociology, economics, history, political sciences and management, gathering together STS and SPS traditions. It gathers 180 researchers and doctoral students from seven research groups and has its headquarters in Cité Descartes at University Paris-Est Marne-la-Vallée. Its present programme is built around four thematic priorities - Responsible innovation, changes of knowledge regimes and institutions, governing the earth system, the construction of futures - and two transversal activities around ST&I indicators and the construction of a digital platform for the semantic treatment of large textual corpuses – CORTEXT Manager - to support researchers in the characterisation and dynamic analysis of the problems they address. IFRIS also coordinates the EC research infrastructure on data supporting research and innovation studies, RISIS.

ABOUT

Scientific & Organising Committees, Organising Team

SCIENTIFIC COMMITTEE

SUSANA BORRÁS
Professor at the Department of Organization at Copenhagen Business School (CBS)

SUSANNE BÜHRER-TOPÇU
Coordinator of Business Unit Societal Change and Innovation, Project Manager, Fraunhofer-ISI

GEMMA DERRICK
Associate Professor at Bristol University, School of Education

LEONIE VAN DROOGE
senior project manager at the Centre for Science and Technology Studies (CWTS)

JAKOB EDLER
Executive Director of the Fraunhofer Institute for Systems and Innovation Research ISI,
Professor of Innovation Policy and Strategy, MIoIR, University of Manchester

MATTHIJS JANSSEN
Assistant Professor at the Copernicus Institute of Sustainable Development at Utrecht University and Principal Scientist at the research and consultancy agency Dialogic

PHILIPPE LARÉDO
Director of Research at Institut Francilien, Recherche, Innovation et Société/ Université Paris-Est,
Professor of Innovation Policy and Strategy, MIoIR, University of Manchester

JORDI MOLAS-GALLART
Director INGENIO, a joint Institute of the Spanish National Research Council and the Polytechnic University of Valencia (CSIC-UPV)

THYRA DE JONGH
Technopolis Group | BV

WOLFGANG POLT
Director POLICIES – the Institut for Economic and Innovation Research of JOANNEUM RESEARCH Ltd., Austria

EMANUELA REALE
Director of the Research Institute on Sustainable Economic Growth – IRCRES at National Research Council – CNR

ANDREAS REINSTALLER
Senior Economist at the Austrian Institute of Economic Research

KLAUS SCHUCH
Managing Director of fteval – Austrian Platform for Research and Technology Policy Evaluation /
Scientific Director of ZSI – Centre for Social Innovation

MICHAEL STAMPFER
Managing Director at WWTF – Vienna Science and Technology Fund

NICHOLAS VONORTAS
Professor of Economics and International Affairs at The George Washington University in Washington D.C

KATHARINA WARTA
Technopolis Group | Austria

ORGANISING COMMITTEE

ALFRIED BRAUMANN
Economic Policy at the Vienna Business Agency

MICHAEL DINGES
AIT Austrian Institute of Technology, GmbH

TOBIAS DUDENBOSTEL
Technopolis Group | Austria

BRIGITTE ECKER
Managing Director of WPZ Research GmbH

JOHANNES GADNER
Independent researcher / Institute for Advanced Study Toulouse

PATRICK LEHNER
Head of Impact and Knowledge Exchange, Data Protection and Open Innovation in Science at the Ludwig Boltzmann Society

JÜRGEN JANGER
Senior Economist, Deputy director at the Austrian Institute of Economic Research

JAKOB KOFLER
Researcher at the Austrian Institute for SME Research

AGNES KÜGLER
Senior Economist at the Austrian Institute of Economic Research

DONIA LASINGER
Deputy Managing Director at Vienna Science and Technology Fund WWTF

ELISABETH NINDL
Policy Analyst at the FWF – Austrian Science Fund

STEFAN PHILIPP
Project Coordinator and Researcher at ZSI – Centre for Social Innovation

KLAUS SCHUCH
Managing Director of fteval – Austrian Platform for Research and Technology Policy Evaluation /
Scientific Director of ZSI – Centre for Social Innovation

MICHAEL STRASSNIG
Programme Manager at the Vienna Science and Technology Fund WWTF

JÜRGEN STREICHER
Researcher at Joanneum Research

ISABELLA WAGNER
Coordinator at the Austrian Platform for Research & Technology Policy Evaluation

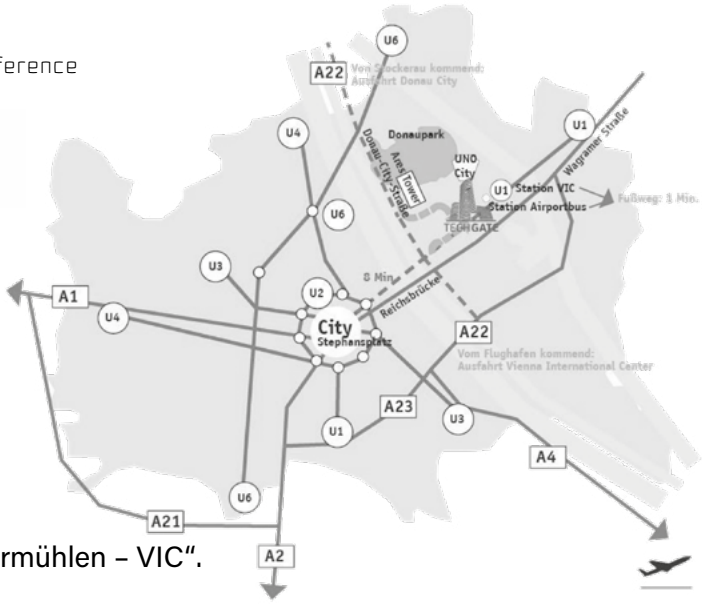
PHILIPP WITIBSCHLAGER
Policy Advisor, Austrian Federal Ministry for Transport, Innovation and Technology

ORGANISING TEAM – Conference Managers

ISABELLA WAGNER
Executive Assistant at the Austrian Platform for Research & Technology Policy Evaluation

KLAUS SCHUCH
Managing Director of the Austrian Platform for Research & Technology Policy Evaluation

ON SPOT

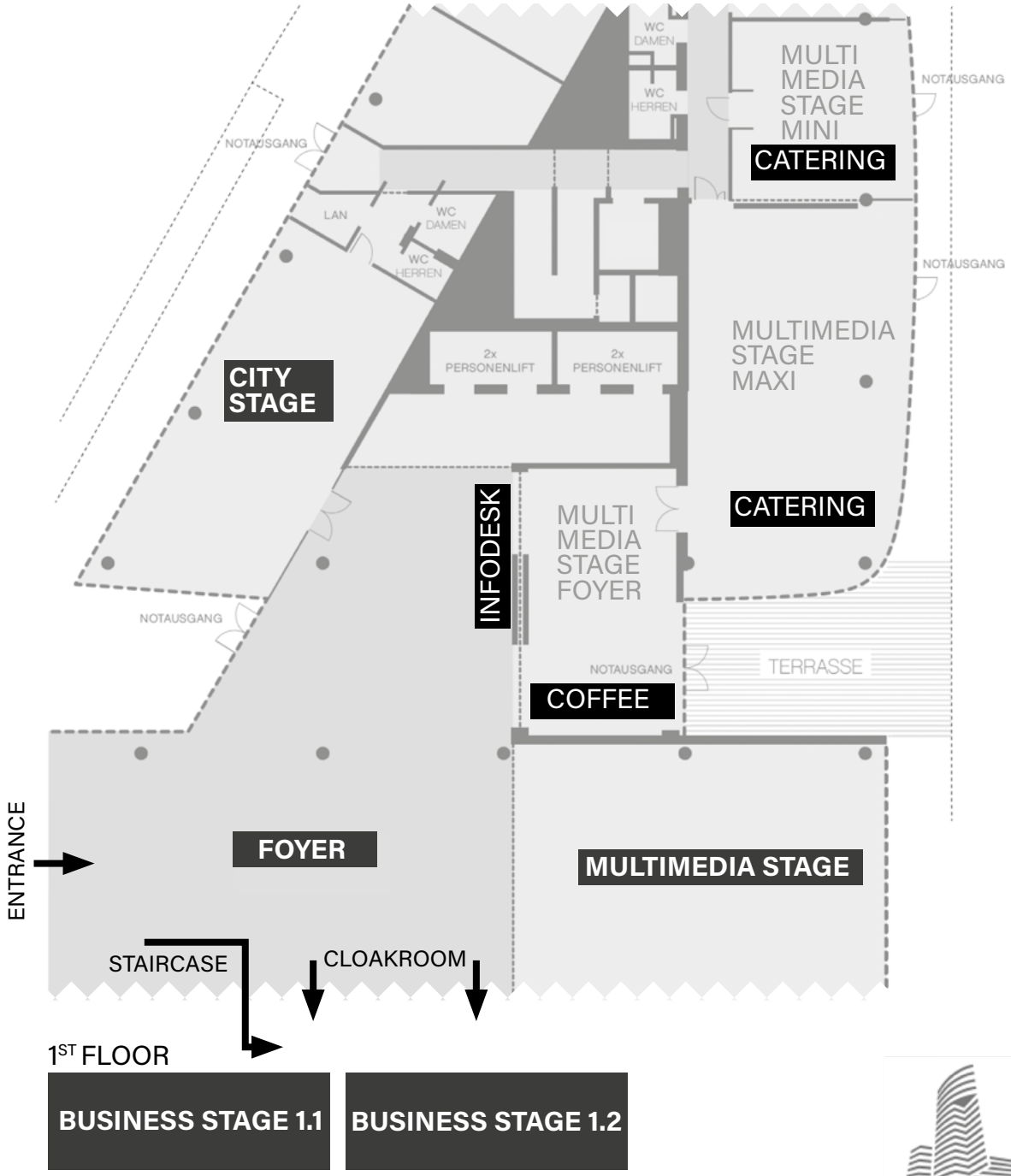


Venue & On-site floor Plans

The REvaluation Conference 2021 takes place at

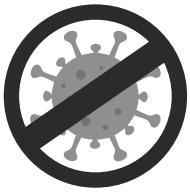
TechGate Vienna
Donau-City-Straße 9
1220 Vienna

directly located at **U1 (red line)** subway station „Kaisermühlen – VIC“.



TECHGATE

Notes on Safety and Hygiene



CONDITIONS OF PARTICIPATION:

All participants and visitors of the congress incl. speakers, team members, etc. must bring one of the following three proofs upon entry:

- A valid vaccination certificate against Sars-CoV-2. Vaccinations must be authorised by EMA. Please check the currently upright validity rules on the following page: https://gruenerpass.gv.at/en/geimpft/
- Persons who have recovered from a SARS-CoV-2 infection may instead submit a medical certificate confirming that they have survived an infection in the last six months, which has been confirmed by molecular biology. A certificate of segregation also applies if it has been issued for a person who has been proven to be infected with SARS-CoV-2 in the last six months.
- Alternatively, a negative result of a molecular biological test (PCR), which is max. 48 hours old, or an antigen test, which has been recorded by an official data processing system, with a validity of 24 hours from sampling, can be presented.

So there are three options in total that can be used as evidence, for which proofs will be checked by our staff at the entry to the conference venue.
Based on this rule, the mask requirement is generally waived in all conference facilities. In addition to vaccination, we recommend that all participants take a (self-)test shortly before the start of the conference. A limited amount of self-tests can be provided at the conference venue and there is a test lane in the Austria Center Vienna and a pharmacy in the immediate vicinity of the venue that both offer free tests by appointment.
We reserve the right to make changes. In particular, we will follow up accordingly when changed regulations on the part of the legislator come into force. If the above condition cannot be met, please note that a refund of the ticket price is possible up to 7 days before the event. If you have any questions, please feel free to contact us at any time.

The hygiene and safety concept was drawn up on the basis of the current specifications of the Austrian Ministry of Health, the requirements of all three hosting organisations and the recommendations of the WHO.

SAFETY PRECAUTIONS:

- Ensuring distance rules in all areas, allowing at least 2 metres between people, adapted seating plans for all halls with the necessary distance between seats, live streaming to other rooms from the plenary.
- Floor markings for those waiting e.g.: at the registration desk
- Confirmation of attendance will be sent electronically after the event
- Registry with name and email address is mandatory so that a complete list can be passed on to the authorities in the event of a suspected corona case and participants can be informed as quickly as possible.

HYGIENE STANDARDS:

- Disinfection dispensers throughout the area as well as in the sanitary facilities.
- Entry management (extended registration times)
- Wearing of mouth and nose coverings (if compulsory)
- Adapted gastronomy and catering services
- Regular disinfection of surfaces in the premises

DO NOT come to the venue if you feel ill or have had contact with anyone with COVID-19 symptoms.

If you feel ill during the event or if you get an infection **after** the event, please follow the governmental procedure and **contact the conference organisers** at **+43 1 49 50 442 33** or **info@revaluation2021.eu** in any case.

We would like to point out that it is the personal responsibility of each participant to follow the specified hygiene concept of our event. In case of health damages resulting from an infection, e.g.: with COVID-19, the organiser will not assume any liability.

Concepts and measures are regularly updated in accordance with official requirements.

ON SPOT

On-site support

If you need support or information do not hesitate to contact one of our staff members at the Conference.

The INFORMATION DESK of the conference site will be PERMANENTLY OCCUPIED during the two days. For emergencies and urgent matters, please contact the Information Desk.

Support-Team

- Florian Emmerling
- Alexandra Krammer
- Dagmar Körner
- Laura Still
- Florian Winkler
- Nora Winkler

For **urgent questions**, you can also contact
Isabella Wagner (+43 660 6878928) and
Klaus Schuch (+43 699 12175501).

WLAN Login

Net: Tech Gate Vienna
Password: The Stage 2022

Social Media Outreach

TWITTER Coverage

To interact, share your pictures, comments and questions on these screens using our official conference hashtag

#REvaluation21

To directly send messages to the organisers or to tag them use
@fteval | @FraunhoferISI | @_IFRIS

LINKED-In Group

You may stay in touch with the community and exchange around R&I policy evaluation during the conference and afterwards:
fteval Group for Research and Technology Policy Evaluation
https://www.linkedin.com/groups/12519162

Conference Programme – Overview

DAY 1 – Thursday, May 5

08:30	Registration
09:30	**Opening & Keynote** MM
10:30	SLOT 1 – **Parallel Sessions A:** B1.2 **B:** B1.1 **C:** MM **D:** C
12:00	**PANEL 1** MM
13:00	*Lunch Break*
14:00	SLOT 2 – **Parallel Sessions E:** B1.2 **F:** B1.1 **G:** MM **H:** C
15:30	*Coffee Break*
16:00	SLOT 3 – **Parallel Sessions I:** EH **J:** B1.1 **K:** C
17:30	**Closing Plenary** Day 1 MM
19:00	*Side Event: Conference Dinner at Heuriger "Christ"*

DAY 2 – Friday, May 6

08:30	Check-in
09:00	**Keynote**
09:30	SLOT 4 – **Parallel Sessions L:** B1.2 **M:** B1.1 **N:** MM
11:00	*Coffee Break*
11:30	**fteval Anniversary Enquete & Ceremony for the Evaluation Talent Award 2021** MM
13:00	*Lunch Break*
14:00	SLOT 5 – **Parallel Sessions P:** B1.2 **Q:** B1.1 **R:** MM **S:** C
15:30	**PANEL 2** MM
16:30	**Wrap up & Closing of Conference** MM

ROOM ACRONYMS

MM MULTIMEDIA STAGE | C CITY STAGE | B1.1 BUSINESS STAGE 1.1 | B1.2 BUSINESS STAGE 1.2 | EH ENTRANCE HALL

Detailed Conference Programme

Day 1: May 5

08:30	**Registration**	
MULTIMEDIA STAGE [PLENARY] 09:30	**Opening & Welcome Address**	
	Leonore Gewessler **Sonja Sheikh and Jakob Edler**	
	Keynote	
	Luke Georghiou	Embedding the Sustainable Development Goals in a University

SLOT 1 10:30 - 12:00

BUSINESS STAGE 1.2 10:30-12:00	**Anticipation - Planning in Unpredictable Times**	SESSION A
	Chair: Wolfgang Polt | Discussant: Tobias Dudenbostel	
	Bettina Uhrig and Barbara Spanó	Working on impact and contributing to R&I policies – looking back and ahead
	Mariangel Pacheco-Troisi	Anticipatory evaluation. A methodological contribution to the practice of impact assessment in the field of STI
	Eleonora Dagienė	Policy dynamics in research evaluation: How Lithuanian policymakers navigate in an unpredictable environment
BUSINESS STAGE 1.1 10:30-12:00	**Transformation I - Co-Creation**	SESSION B
	Chair: Philippe Larédo | Discussant: Jakob Kofler	
	Susanne Schuck-Zöller	Developing process indicators for formative evaluation in co-creative research
	Magdalena Wailzer, Laura Soyer and Mathieu Mahve-Beydokhti	Co-Developing an Impact Model for evaluating the societal impact of participatory research approaches. A theory-based framework and reflection instruments to plan and evaluate the societal impact of participatory research approaches.
	Cristian Matti	Co-creation approaches for Transformation Innovation in Service-Oriented projects
MULTIMEDIA STAGE [PLENARY] 10:30-12:00	**Entrepreneurship**	SESSION C
	Chair: Nicholas Vonortas | Discussant: Alfried Braumann	
	Sang-Min Park	Positioning Translational Research in the Biomedical Ecosystem: From Basic Research to Biomedical Entrepreneurship
	Bastian Krieger	Trade in R&D Services and Firm Innovation
	Shumpei Miyajima and Motoshi Kunugi	Can We Estimate the Future Commercial Success Using On-Going R&D Evaluation Data?

CITY STAGE 10:30-12:00	**Regional Innovation**	SESSION D
	Chair: Michael Stampfer | Discussant: Stefan Philipp	
	Tjitske Holtrop	Evaluative conversations: translating between diverse stakeholders in regional RRI projects
	Sonia Daniela Mena Jara	Driving the innovation process by connecting regional knowledge bases to local needs
	Tim Willemse	Guiding discovery. Regional knowledge production: the role of institutions in shaping scientific developments

MULTIMEDIA STAGE [PLENARY] 12:00	**Panel Session by *Research Evaluation*** Shall research evaluation change after the pandemic? Directions, aims and means for research evaluation systems under transformation
	Emanuela Reale, Michael Stampfer, Jordi Molas-Gallart, Gemma Derrick, Maria Nedeva

13:00	**Lunch Break**

SLOT 2 14:00-15:30

BUSINESS STAGE 1.2 14:00-15:30	**Fast-Track COVID-19 R&I Policy**	SESSION E
	Chair: Thyra de Jongh | Discussant: Michael Strassnig	
	Jan Wessels and Christiane Kerlen	Effects of COVID19 pandemic on R&D funding schemes in Germany. Results of comparative analysis of empirical data
	Peter Kolarz, Anete Vingre and Billy Bryan	On your marks, get set, fund! Rapid responses to the Covid-19 pandemic
	Margherita Russo	STI policies during the COVID-19 pandemic. A cross-country analysis

BUSINESS STAGE 1.1 14:00-15:30	**Transformation II - Mission-Orientation**	SESSION F
	Chair: Jakob Edler | Discussant: Brigitte Ecker	
	Florian Wittmann, Ralf Lindner, Florian Roth	Towards a framework for impact assessment for mission-oriented innovation policies. A toolbox approach
	Oscar Yandy Romero Goyeneche	Understanding the role of symbiotic sociotechnical niches' interactions on fostering transitions acceleration.
	Jakob Kofler	The role of learning processes for the legitimisation and reflexivity function of transformative mission-oriented innovation policies

Detailed Conference Programme

Day 1: May 5

MULTIMEDIA STAGE [PLENARY] 14:00-16:00	**New Data Sources and Empirical Methods in R&I Impact Analysis**	SESSION G
	Chair: Andreas Reinstaller | Discussant: Agnes Kügler and Jürgen Janger	
	Renée van Dis, Mireille Matt and Douglas Robinson	Zero chemical pesticides agriculture by 2050: Tools for identifying research contributions to transformative change
	Matthieu Brun	Evaluation of the economic impact of Bpifrance's innovation grants and subsidies (supporting SMEs' individual innovation projects)
	Julia Bachtrögler-Unger	Exploring Synergies between EU Cohesion Policy and Horizon 2020 Funding across European Regions. Using project-level data for monitoring & evaluation of EU R&I funding schemes
	Tess Landon and Christopher Lebisch	The application of randomised controlled trials (RCTs) and other experimental approaches in the Austrian Research Promotion Agency (FFG) - learnings and outlook

CITY STAGE 14:00-15:30	**Specific Programme Evaluations**	SESSION H
	Chair: Emanuela Reale | Discussant: Michael Dinges	
	Klaus Schuch	Evaluation of arts-based research
	Stefanie Margraf	Evaluating the Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI) towards alignment and high quality transnational research
	Tobias Dudenbostel	Supporting researchers under threat in today's Academia. Lessons learnt from the evaluation of the Philipp Schwartz Initiativ

15:30	**Coffee Break**

SLOT 3 16:00-17:30

ENTRANCE HALL 16:00-17:30	**Poster Session**	SESSION I
	Chair: Katharina Warta	
	Motoshi Kunugi and Shumpei Miyajima	How is the process for outcomes different in each technology fields?
	André Brasil	Responsibility in research evaluation practices. Lessons from a global discussion
	André Brasil	Multidimensionality through self-evaluation. From theory to practice in Brazilian graduate education

	Vladislav Čadil	Effects of the public support to research activities of businesses: challenges of their assessment
	Oliver Rohde	Funding the internationalisation of innovative SMEs: challenges and lessons learned from the INNOWWIDE instrument

BUSINESS STAGE 1.1 16:00-17:30	**Transformation III - Social Innovation**	SESSION J
	Chair: Susanne Bührer-Topçu | Discussant: Jürgen Streicher	
	Laurens Hessels and Caro Mooren	Valorisation of transdisciplinary research programmes: an evaluation approach and empirical illustration
	Sarah Seus and Maria Stadler	Evaluating social innovation in the energy sector: first empirical findings based on a city lab process in Mannheim
	Lise Moawad and Cornelia Schendzielorz	"Societal impact": a transformative criterion for transformative policies?

CITY STAGE 16:00-17:30	**Systemic Views - Holistic Approaches**	SESSION K
	Chair: Anna Deutschmann | Discussant: Jakob Kofler	
	Michael Rothgang	Systems Analysis in Evaluation: The unfulfilled promise
	Harald Wieser	Environmental impact of RTI-policies: Challenges and perspectives for evaluation
	Magdalena Wicher, Alexandra Göd, Jordi Molas-Gallart, Shauna Stack, Richard Woolley and Elisabeth Worliczek	Crossing the valley - translation from theory to practice in transformative innovation policies and funding

MULTIMEDIA STAGE [PLENARY] 17:30-18:00	**Closing Plenary: Presentation of the Research on Research Institute (RoRI)**
	Sarah de Rijcke

19:00	**Side Event: Conference Dinner at Heuriger "Christ"**

Detailed Conference Programme

Day 2: MAY 6

08:30	**Check-In**	
MULTIMEDIA STAGE [PLENARY] 09:00	**Opening**	
	Klaus Schuch	
	Keynote	
	Paul Hünermund	Science, Technology & Innovation Policy and Causality

SLOT 4 09:30-11:00

BUSINESS STAGE 1.2 09:30-11:00	**Transformation IV - Innovation Management in Systemic Change**	SESSION L
	Chair: Dorothea Sturn | Discussant: Philipp Witibschlager	
	Sarah Seus and Elisa Wallwaey	SIPER: the Science and Innovation Policy Evaluation Repository: what is it and what can be done with it?
	Michael Dinges, Anna Wang and Christiane Kerlen	Designing programme theories for transformation-oriented evaluations: The case of the accompanying evaluation of the 7th Energy Research Programme
	Michael J. Bernstein	What can transformative innovation policy learn from responsible research and innovation?
BUSINESS STAGE 1.1 09:30-11:00	**Transformation V - Cases & Examples**	SESSION M
	Chair: Matthijs Janssen | Discussant: Brigitte Ecker	
	Sonja Schneuwly and Caroline Chandler	Transforming Food Systems. A retroactive review of agri-food R&I investment in the EU
	Susanne Bührer-Topçu	Corona and the Challenges of Sustainability Transformation
	Lasse Bundgaard and Ilknur Kursunlugil	Transformative Innovation Policy in Cities: Demonstrating a Five-layer Framework using Amsterdam
MULTIMEDIA STAGE [PLENARY] 09:30-11:00	**Higher Education Policy**	SESSION N
	Chair: Julia Melkers | Discussant: Donia Lasinger	
	Emanuela Reale	The power of government research evaluation: effects on knowledge production
	Richard Heidler	Duration and completion of doctoral studies in research collaborations. A multilevel model of facilitating and hindering factors
	Maximilian Fochler, Jürgen Janger and Michael Strassnig	Just following the money? How research funding shapes university research strategies in Austria and Sweden

CITY STAGE 09:30-11:00	**Open Space**	SESSION O
	Room for 1:1 Meetings	
11:00	**Coffee Break**	
MULTIMEDIA STAGE [PLENARY] 11:30	**fteval Anniversary Enquete & Ceremony for the Evaluation Talent Award 2021**	
	Welcome Address	
	Sonja Sheikh	
11:40	**Impulse Presentation**	
	Rupert Pichler	
	Jakob Edler	
11:50	**Panel Discussion**	
	Wolfgang Polt, Katharina Warta, Christiane Kerlen, Jakob Edler, Rupert Pichler	
12:45	**Evaluation Talent Award Ceremony**	
	Sonja Sheikh, Jakob Edler	
13:00	**Lunch Break**	

SLOT 5 14:00-15:30

BUSINESS STAGE 1.2 14:00-15:30	**Programme Owners Meet Their Evaluators**		SESSION P
	Chair: Peter Kaufmann | Discussant: Birgit Woitech		
	Katharina Warta und Philipp Witibschlager	New perspectives on data use and presentation. The experience of the evaluation of the COMET programme, seen by the evaluator, the client, and the programme manager	
	Thomas Palfinger and Elisabeth Frankus	Patient and Public Involvement and Engagement (PPIE): funding, facilitating and evaluating participatory research approaches in Austria	
BUSINESS STAGE 1.1 14:00-15:30	**Transformation VI - Societal Challenges**		SESSION Q
	Chair: Jordi Molas-Gallart | Discussant: Angela Wroblewski		
	Amber Guerts and Vincent Baarslag	Challenge-driven evaluation: policy evaluation for societal challenges	
	Oscar Yandy Romero Goyeneche	The evolution of scientific knowledge trajectories towards increasing transformative potential of the UN Sustainable Development Goals	

Detailed Conference Programme

Day 2: MAY 6

Cristian Matti and Carla Alvial Palavicino	A Monitoring, Evaluation and Learning framework for an innovation portfolio approach addressing transformative change in climate change. The case of EIT Climate-KIC

MULTIMEDIA STAGE [PLENARY]

14:00-15:30

Tracking Impact Pathways — SESSION R

Chair: Wolfgang Polt | Discussant: Patrick Lehner

Sandrine Wolff and Moritz Müller	SOLEIL'S socio-economic impact study. Measuring learning effects at the micro- and meso-analytical levels
Philipp Böing and Bettina Peters	Effectiveness and Efficacy of R&D Subsidies. Estimating Treatment Effects with One-sided Noncompliance
Jinwon Kang	Toward policy evaluation from R&D programme group evaluation. Policy evaluation
Merve Yorulmaz and Susanne Bührer-Topçu	The impact of Responsible Research and Innovation (RRI). A co-created template with a compilation of the scientific, societal and economic impacts of RRI

CITY STAGE

14:00-15:30

Research Evaluation: Perspectives of the Next Generation — SESSION S

Chair: Julia Melkers | Discussant: Philippe Larédo

Andreas Albiez
Katie Marchese
Íngrid Marin
Rena Marrotta
Georgie Moore
Lydia Wiederholt

MULTIMEDIA STAGE [PLENARY]

15:30

From technology to transformative RTI policy – Austrian Mission "Climate Neutral City" as a practical example

Volker Schaffler, Susanne Meyer, Stefanie Margraf, Margit Noll, Michael Dinges

MULTIMEDIA STAGE [PLENARY]

16:30

Wrap up & Closing of Conference

Philippe Larédo and Isabella Wagner

Keynotes
Panels
Sessions

DAY 1 – May 5

Keynotes, Panels, Sessions

Day 1: Thursday, May 5

MULTIMEDIA STAGE
[PLENARY]

9:30

Opening & Welcome Address

Leonore Gewessler
Austrian Federal Minister for Climate Action, Environment, Energy, Mobility, Innovation and Technology

Photo: BMK/Cajetan Perwein

Sonja Sheikh
ACR - Austrian Cooperative Research and chair of the fteval Plattform

Jakob Edler
Fraunhofer Institute for Systems and Innovation Research ISI and MIoIR, University of Manchester

Keynote: Embedding the Sustainable Development Goals in a University

Luke Georghiou
University of Manchester

BUSINESS STAGE 1.2

SESSION A

10:30-12:00

Anticipation - Planning in Unpredictable Times

SESSION A

Wolfgang Polt Chair
Joanneum Research

Tobias Dudenbostel Discussant
Technopolis Group | Austria

BUSINESS STAGE 1.2

SESSION A

10:30-12:00

Working on impact and contributing to R&I policies – looking back and ahead

Bettina Uhrig
Oslo Metropolitan University (OsloMet),
Norwegian Social Research Institute
(NOVA)

Barbara Spanó
Ministry of Higher Education and Science

Working on stakeholder engagement and impact for many years, the author and the contributor would like to present impact case studies at the project and organisational level by using the Horizon Europe Indicators and the concept of pathways to impact. Doing this leads to the question if and how the output and outcomes of research projects and institutional strategies can influence policies at regional, national and European level.
The time-sensitive Key Impact Pathways Indicators defined and used in Horizon Europe are seen as a tool for assessing the different types of impact: scientific, societal and economic
impacts. The presentation and the full paper will focus on the Indicators for assessing societal impact. The questions behind this study are:
Can R&I policies be improved by using Horizon Europe Indicators?
Can an institutional impact project and even a research project benefit from using Horizon Europe Indicators and at the same time feed R&I policies?
By doing this, the full paper and the presentation will contribute to the discussions on creating societal impact through research projects and institutional strategies. Societal impact is defined as "social improvements e.g. via the use of project results by policy makers or other societal actors"[3].

3 Net4Society (2017), Increasing Impact! Retrieved 22nd May 2021, from: https://www.net4society.eu/files/Net4Society4_D3_1_1_Factsheet_Impact_final.pdf.

Anticipatory evaluation.

A methodological contribution to the practice of impact assessment in the field of science, technology, and innovation

Mariangel Pacheco-Troisi
Universidad Tecnológica del Uruguay, Montevideo, Uruguay
INGENIO (CSIC-UPV), Universitat Politècnica de València, Valencia, Spain

Anticipatory Evaluation is a proposal to overcome some of the limitations of traditional STI evaluation. In this work we argue how our methodological proposal can contribute to: alleviating the classic problem of temporality, responding to the growing demand for information on the impacts of science, broadening the identification of the variety

Keynotes, Panels, Sessions

Day 1: Thursday, May 5

BUSINESS STAGE 1.2

SESSION A

10:30-12:00

of research users, and assisting researchers' decision-making to alleviate the tension they face between fulfilling their scientific mission and their social mission. To do this, we focus the analysis on the researcher and assign the evaluator an intervening and strategic role, emphasising how we can learn strategically from impact analysis. Anticipatory Evaluation is an innovative methodological approach because it combines two approaches from different disciplines. On the one hand, the approach of productive interactions between science and society - belonging to the RIA family of methodologies - and, on the other hand, the actor game method, belonging to the strategic foresight family of methods. The approach of individual analysis at the level of the researcher endows the proposal with a valuable practical characteristic, insofar as it allows for working with all the levels of aggregation that are considered necessary: groups, institutes, sectors, etc. This methodological proposal consists of 10 steps organised in 3 phases and we believe that it constitutes a contribution to the practice of impact assessment of STI projects.

Policy dynamics in research evaluation: How Lithuanian policymakers navigate in an unpredictable environment

Eleonora Dagienė
CWTS, Leiden University,
The Netherlands;
Mykolas Romeris University, Lithuania

The impact of metrics-based research assessment policies on the publishing behaviour of researchers and the unforeseen circumstances faced by policymakers have been understudied. To address that lacuna, the following research question will be central to this empirical study:

How can we account for the introduction of new instruments of research evaluation in Lithuania in multi-actor policy dynamics?

To answer this question, the study is investigating how Lithuanian policymakers have been operating over three decades in a highly unpredictable field with (1) a changing publishing environment, (2) foreign and local expert assessment, and (3) an academic community that resists or adapts to metrics-based assessment. This empirical study employs mixed methods: 1) a qualitative analysis of Lithuanian science policy regulations, 1990-2020 (documents, interviews); and 2) a quantitative bibliometric analysis of Lithuanian and other countries' publication data in the same period.

In the policy dynamics in research evaluation of three decades of metrics-based assessment systems in Lithuania, we identified four phases: 1) Introducing metrics-based research assessment, 2) Expansion of the Web of Science, local experts as the gatekeepers, citation indicators, 3) Foreign experts continue to focus on journal impact, 4) Publishers change strategy – publish anything that passes peer-review.

BUSINESS STAGE 1.1

SESSION B

10:30-12:00

Transformation I Co-Creation

SESSION B

Philippe Larédo Chair
Institut Francilien, Recherche, Innovation et Société / Université Paris-Est Marne La Vallée (IFRIS and LISIS) | MIoIR, University of Manchester

Jakob Kofler Discussant
KMU Forschung Austria / Austrian Institute for SME Research

Developing process indicators for formative evaluation in co-creative research

Susanne Schuck-Zöller
Climate Service Center Germany/ Helmholtz-Zentrum Hereon

Climate change and its socio-ecological impacts affect all sectors of society. To tackle the multiple risks of a changing climate interactive modes of scientific knowledge production have more and more attracted interest. In the field of climate services the development of applied scientific products requires constant interactions between climate service providers and users of the products. To judge the effectiveness of these co-creation endeavours evaluation is crucial. At present, output and outcome assessments are still conducted occasionally in this research field. However, these summative evaluations do not help to adjust the process of co-creation over the course of ongoing projects. Thus, the focus of this work is on formative evaluation of co-creative research processes.
As a first step, main characteristics of the product development process were identified and related quality criteria for a formative evaluation aligned. A literature review delivered further quality aspects to be integrated. As a result, a scheme of quality criteria will be created. Afterwards, the criteria of the scheme are to be combined with underlying assessment methods. The resulting concept of a scheme for formative evaluation is particularly helpful to improve the co-creation processes in climate services and beyond.

Keynotes, Panels, Sessions

Day 1: Thursday, May 5

BUSINESS STAGE 1.1

SESSION B

10:30-12:00

Co-Developing an Impact Model for evaluating the societal impact of participatory research approaches.

A theory-based framework and reflection instruments to plan and evaluate the societal impact of participatory research approaches.

Magdalena Wailzer
Open Innovation in Science Center,
Ludwig-Boltzmann Society

Laura Soyer
Open Innovation in Science Center,
Ludwig-Boltzmann Society

Mathieu Mahve-Beydokhti
Open Innovation in Science Center,
Ludwig-Boltzmann Society

In recent years, an increased focus on societal impact of research, unfolding through iterative processes of productive interactions between stakeholders, along with participatory research processes, has been seen. These complex interventions call for more flexible and participatory evaluation processes. This paper sets out to describe the co-creative development of an Impact Model by different stakeholders, which makes desired and expected societal effects of participatory research visible, and enables a systematic evaluation of these expected changes. The aim of the Impact Model and the (modular) set of Impact Reflection Instruments is first and foremost to support research project staff in the planning and evaluation of societal impacts of their participatory research approaches. In addition, the design and reflection of the co-development phase aims to serve as practical guidance
for similar projects on how participatory approaches can be used to co-create theory-based models and evaluation designs. Finally, the Impact Model and Reflection Instruments aim to serve as a first step to enable increased comparability across research projects with participatory research approaches.
This co-creative approach to defining relevant societal effects and developing evaluative methods provides a novel response to the challenges of evaluating participatory research. In addition, the Impact Model and Impact Reflection Instruments offer a new angle on theory-based evaluation: rather than focused on a specific research project or a research discipline, the Impact Model and Impact Reflection Instruments systematically uncover societal effects due to the participatory methodology applied. Finally, a detailed insight into the conceptualization and development of the framework and toolkit provide important lessons learned for similar future endeavors.

BUSINESS STAGE 1.1

SESSION B

10:30-12:00

Co-creation Approaches for Transformation Innovation in Service-Oriented Projects

Carla Alvial Palavicino
EIT Climate-KIC

This paper discusses what "co-creation" for transformative innovation policy specifically implies, in the context of innovation in knowledge services aimed at cities and regions working on systems transformation. Drawing on the literature on public innovation and policy co-design, the paper reflects on the dimensions of process, tools and principles that characterise co-creation as implemented within the MOTION project, a collaboration between EIT Climate KIC and the Transformative Innovation Policy Consortium. It highlights the importance of co-learning, facilitation, visual tools and a bricolage approach in enabling collective sense-making about the transformative potential of these interventions as implemented within a monitoring and evaluation approach.

MULTIMEDIA STAGE [PLENARY]

SESSION C

10:30-12:00

Entrepreneurship

SESSION C

Nicholas Vonortas
George Washington University

Chair

Alfried Braumann
Wirtschaftsagentur Wien

Discussant

Positioning Translational Research in the Biomedical Ecosystem: From Basic Research to Biomedical Entrepreneurship

Sang-Min Park
George Washington University

Recent Covid-19 vaccine developments have demonstrated the importance of rapid transfer of scientific knowledge into the commercial field. Since 2006 the National Institutes of Health (NIH) has been providing over $500 million annually to the Clinical

Keynotes, Panels, Sessions

Day 1: Thursday, May 5

MULTIMEDIA STAGE
[PLENARY]
SESSION C

10:30-12:00

and Translational Science Awards (CTSA) program to improve the translational research environment. This research investigates the effect of translational research on knowledge production and entrepreneurship in the biomedical sector. In addition, we explore whether the increased knowledge stock connects translational research and biomedical entrepreneurship.
Our model, based on the knowledge spillover theory of entrepreneurship and the entrepreneurial ecosystem approach, posits that translational research increases biomedical knowledge production, namely patents and clinical trials, and the increased knowledge stock affects regional biomedical entrepreneurship. This model expands the scope of extant literature: 1) from publication to biomedical patents, clinical trials, and entrepreneurship; 2) from the award recipients to the regional level. We test research hypotheses across 381 U.S. metropolitan areas and a 10-year panel dataset. The NIH CTSA and NIH SBIR (Small Business Innovation Research) programs are utilized as an approximation for translational research and biomedical entrepreneurship respectively. As empirical strategies, we use the difference-in-difference method and path analysis. The results show that the CTSA program increases the SBIR grants, but the magnitude is small. In specific, the CTSA program increases biomedical patents in the region, but it does not increase clinical trials conducted.
Biomedical patents have a positive and significant relationship with the SBIR grants, but clinical trials do not. Path analysis indicates that the effect of the CTSA funding on the SBIR grants is not strongly conveyed through biomedical patents or clinical trials. We conclude that translational research programs like CTSA have a fairly limited incremental impact on exploitable knowledge production and regional biomedical entrepreneurship.

Trade in R&D Services and Firm Innovation

Bastian Krieger
ZEW – Leibniz Centre for European Economic Research & University of Luxembourg

This paper contributes to the existing literature by examining a new channel of trade integration: trade in innovation services. We develop a theoretical model allowing firms to use foreign innovation services as an input to their innovation activities and test our model's predictions using a fain-grained dataset and a firm-level shift-share variable. Our estimates suggest that access to innovation service imports fosters product and process innovations. Firms with experience in R&D and international trade drive this result. Being part of a multinational company group is not a prerequisite to benefit from an increasing access to trade in innovation services.

MULTIMEDIA STAGE

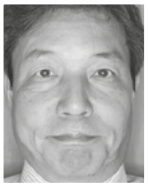
[PLENARY]

SESSION C

10:30-12:00

Can We Estimate the Future Commercial Success Using On-Going R&D Evaluation Data?

Shumpei Miyajima
New Energy and Industrial Technology Development Organization (NEDO)



Motoshi Kunugi
New Energy and Industrial Technology Development Organization (NEDO)

This study aims to find reproducible correlations/causality between the evaluation data of ongoing R&D projects funded by NEDO and the ex-post monitoring data of actual commercialisation achievement by those projects. The understanding of the results of this study will be used for designing our R&I policies of the next era as a funding agency by, for example, promoting more effective schemes which will eventually increase our contribution to society.
The results showed positive correlations between the assessed grade for sections of the evaluation and the commercialisation status, indicating the possibility of identifying those projects that need management revision prior to the extended R&D activities by the companies.

CITY STAGE

SESSION D

10:30-12:00

Regional Innovation

SESSION D

Michael Stampfer Chair
WWTF - Vienna Science and Technology Fund

Stefan Philipp Discussant
ZSI - Centre for Social Innovation

Evaluative conversations: translating between diverse stakeholders in regional RRI projects

Tjitske Holtrop
Centre for Science and Technology Studies (CWTS), Leiden University, Netherlands

Keynotes, Panels, Sessions

Day 1: Thursday, May 5

CITY STAGE

SESSION D

10:30-12:00

Since the summer of 2020 10 projects pertaining to the Horizon2020 Science with and for Society call have been virtually meeting as the SwafS14 M&E ecosystem. The topic of their discussions were the trials and tribulations of their territorial RRI projects and their monitoring and evaluation. In this paper we present some of the issues we encountered with respect to RRI frameworks, evaluation approaches, the use of indicators and the involvement of stakeholders. With these issues in mind, we offer some ideas about how to continue promoting transformative R&I policy through more responsible and engaged monitoring and evaluation.

Driving the innovation process by connecting regional knowledge bases to local needs

Sonia Daniela Mena Jara
Centre for Science and Technology Studies (CWTS), Leiden University, Netherlands

This study analysed 3 European regions (Murcia ES), (Örebro SE), and (Republic of Cyprus CY) to support the creation of more open, inclusive, and self-sustaining R&I ecosystems in the Healthcare and Innovation sector by using the complementary approaches from Responsible Research and Innovation (RRI) and Research and Innovation Smart Specialisation Strategy (RIS3). The exercise entailed the identification of healthcare and innovation stakeholders, the characterisation of the policy landscape in each territory as well as the strengths based on regional capabilities. As for the latter, the regional knowledge production was analysed by measuring the Revealed Comparative Advantage (RCA) indicator based on relatedness measurement, and by using micro-level fields analyses of scientific publications. This allowed us to identify the fields and topics (strengths) where each region has a higher level of specialisation, and could therefore be used as a driver for the innovation process. The further identification of social needs in the three territories showed profound differences regarding the innovation behaviour and alignment of the selected priorities and needs to the regions' capabilities. From the quadruple helix perspective, the results suggested that a timely mapping in direct interaction with territorial stakeholders can help in selecting the most promising innovation strengths that are founded on local needs and the knowledge base. The process of interaction requires early engagement to support territorial ownership and is further strengthened by RRI policies in place.
Findings from the mapping of RRI policies show a wide diversity across the territories, but the more aspects of RRI that are covered in policies and operating governance structures, the more the alignment of strengths, priorities, and needs.

CITY STAGE

SESSION D

10:30-12:00

Guiding discovery. Regional knowledge production: the role of institutions in shaping scientific developments

Tim Willemse
Centre for Science and Technology Studies (CWTS), Leiden University, Netherlands

Many regions struggle to respond successfully to ongoing transitions and changing circumstances inherently related to current societal challenges. Regional policy makers face the difficult task to design effective bottom-up and mission-oriented innovation policies that are embedded in their territorial context. Knowledge development has proven to be fundamental in these innovation dynamics and is said to be evolving in relation to the regional knowledge capabilities and institutional context. Therefore, this study aims to find how specific attributes of the regional knowledge base and institutional context relate to knowledge development in European regions and how these dynamics shape a region's prioritisation strategy in the RIS3 program of the European Union. This is done from a scientific knowledge perspective, as this provides insight in the fundamental regional capabilities from which economic and societal goals can be addressed. A series of quantitative analyses showed that the related diversification opportunities provided by the regional knowledge base, quality of government and institutional thickness have a positive relation to complex knowledge development. These results confirm the expectation that both the regional knowledge capabilities and the institutional context are instrumental in knowledge development dynamics. In the RIS3 program, a thematic approach might be advised for socially relevant topics, since the overrepresentation of priorities in green technology and health might hamper the alignment with the regional context. However, it was shown that in general regions are able to prioritise according to knowledge base capabilities in terms of strategy complexity and relatedness. Furthermore, it was found that the regional representation of the higher education sector positively influences strategy complexity and that the ability of the government to connect to regional actors enhances the strategy relatedness. These results did not show that regions currently utilise the option to integrate diversity in the prioritisation strategy, while this could be a viable option, to improve future diversification capabilities, especially for lagging regions. Lastly, as expected, advanced regions were found to possess the most capabilities in the subjected institutional features related to prioritisation. However, intermediate regions were found to
possess promising institutional capabilities as well and even the lagging regions showed a few institutional features which might provide some perspective in future smart specialisation efforts. To conclude, by recognizing the fundamental role that knowledge and institutional elements play in both knowledge development and innovation policy, more effectively designed territorial innovation strategies responding to territorial societal challenges can be developed.

Keynotes, Panels, Sessions

Day 1: Thursday, May 5

MULTIMEDIA STAGE
[PLENARY]

PANEL 1

12:00

PANEL by *Research Evaluation*
Shall research evaluation change after the pandemic? Directions, aims and means for research evaluation systems under transformation

Emanuela Reale
CNR-IRCRES Research Institute on sustainable Economic Growth

Gemma Derrick
University of Bristol

Jordi Molas-Gallart
INGENIO

Michael Stampfer
WWTF - Vienna Science and Technology Fund

Maria Nedeva
MIoIR, University of Manchester

MULTIMEDIA STAGE
[PLENARY]

PANEL 1

12:00

The panel session aims to develop a debate on the current situation and the future of research evaluation opened by the Covid-19 pandemic and the post-pandemic measures that should be implemented in the coming years. The overarching question driving the discussion will be: compared to the current framework, what can research evaluation no longer be?
The importance of this topic was in the focus of a recent paper published in Nature (Vol 591, March 2021). This piece highlighted the need to consider how much evaluation can be a mean to worsening existing disparities between research groups and undermine the research career, and how it might change. Other pieces of literature outlined proposals for a new research agenda on research evaluation, where effectiveness concerns (right things to be done), causal links between effects and policy measures, and effects on global communities beyond those produced on local policy and funding spaces (Thomas et al., 2020)
Furthermore, last year the European Commission launched a Scoping Report 'Towards a reform of the research assessment systems' (EC, 2021) where the digital transformation of the research process, the growing collaborations and openness, the improving multidisciplinary approaches toward the solution of grand societal challenges make the current research assessment systems often inappropriate and narrow as to the methods used to assess the quality, the performance, and the impact of research. An agreement between different research organizations (funders, performers, assessment authorities) aimed to find solutions for reforming the current research assessment systems shall be launched beginning of the current year. Less clear, however, are the consequences of the pandemic on research assessment overall, and on these reforms. The goal of the Panel session is therefore to deepen the state of evaluation and highlight the discontinuities that have been created by the pandemic in its aims, objects, instruments, and methods and conclusions to draw from the changes the pandemic made. In this respect two core questions are:

What are the main changes the pandemic made that are likely to transform the research evaluation systems in the next future?

- How can we re-think the contribution of research evaluation to the strategic intelligence for science policy?

Speakers are scholars in the field of research evaluation from academia, consultancies and research funding organizations, and researchers in the European Open Science movement.

Keynotes, Panels, Sessions

Day 1: Thursday, May 5

BUSINESS STAGE 1.2

SESSION E

14:00-15:30

Fast-Track COVID-19 R&I Policy

SESSION E

Thyra de Jongh
Technopolis Group
Chair

Michael Strassnig
WWTF - Vienna Science and Technology Fund
Discussant

Effects of COVID19 pandemic on R&D funding schemes in Germany. Results of comparative analysis of empirical data

Jan Wessels
Institut für Innovation und Technik
VDI/VDE-IT

Christiane Kerlen
Kerlen Evaluation

Object and purpose: The years 2020 and 2021 were significantly marked by the COVID 19 pandemic, the pandemic massively influenced the economy, administration, research institutions and universities. As a result, key innovation processes financed by innovation funding programs were also affected. For the evaluation of such programs, it can be assumed that the COVID 19 crisis also had a significant impact on grantees and their projects and thus on the implementation and goal achievement of the funding programs themselves. The presentation provides initial answers to the following guiding question: What are the effects of the COVID 19 pandemic on innovation funding, what adaptation strategies can be observed, and how can these be evaluated? The presenters can draw on current, previously unpublished data from eight evaluation surveys in 2020 and 2021.
Novelty of the approach: A comparative approach using datasets across several measures is rarely found due to the usual focus on single measures. The perspective of the pandemic as an external shock in an impact model represents a conceptual innovation for evaluations in the field of RTD. First results: An initial analysis of survey data from summer 2020 led to the following results: The answers to the question about effects of the COVID 19 pandemic on the projects already show a relatively high degree of affectedness, which, however, should not necessarily

BUSINESS STAGE 1.2

SESSION E

14:00-15:30

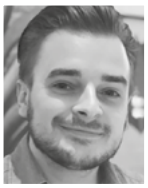
lead to negative effects for many respondents according to their own perception. But in some programs more than half of the respondents foresee negative effects in the future. Responses to the question about the concrete impact of the pandemic on different resources include restrictions on staff availability as well as changes in priorities resulting in time adjustments. Medium-term consequences are mentioned in particular with regard to time adjustments.

On your marks, get set, fund! Rapid responses to the COVID-19 pandemic

Peter Kolarz
Technopolis Group | UK

Anete Vingre
Technopolis Group | UK, Baltics

Billy Bryan
Technopolis Group | UK



This paper presents findings from an analysis of seven multidisciplinary national research funders' responses to COVID-19. We posit that while some parts of research and innovation funding responses to COVID-19 were 'pandemic responses' in the conventional biomedical sense, other parts were thematically far broader and are better termed 'societal emergency' funding. This type of funding activity was unprecedented for many funders. Yet, it may signal a new/additional mission for research funders, which may be required to tackle future societal emergencies, medical or otherwise. Urgency (i.e. the need to deploy funding quickly) is a key distinguishing theme in these funding activities. This paper explores the different techniques that funders used to substantially speed up their application and assessment processes to ensure research on COVID-19 could commence as quickly as possible. Funders used a range of approaches, both before application submission (call design, application lengths and formats) and after (review and decision-making processes). Our research highlights a series of trade-offs, at the heart of which are concerns around simultaneously ensuring the required speed as well as the quality of funding-decisions. We extract some recommendations for what a generic 'societal emergency' funding toolkit might include to optimally manage these tensions in case national research funders are called upon again to respond to future crises.

Keynotes, Panels, Sessions

Day 1: Thursday, May 5

BUSINESS STAGE 1.2

SESSION E

14:00-15:30

STI policies during the COVID-19 pandemic. A cross-country analysis

Margherita Russo
Dipartimento di Economia Marco Biagi

STI policies have been considered key dimensions to be leveraged for reducing the COVID-19 pandemic, within and across countries. One year after the declaration of WHO of the COVID-19 pandemic, it is possible to overview what STI policies countries have actually implemented by analysing information provided by the 2002-21 STIP COVID-19 Watch. The powerful tool
made available by OECD provides also the full download of all the information entered by the countries national contact points and collected in the platform.
This dataset on OECD countries has been elaborated to overview all the dimensions characterising the policy initiatives implemented by countries and to enhance an evidence-based typology of innovation policy mixes (Russo and Pavone 2021 and the literature quoted there). In this paper we specifically adopt a multidimensional analysis to answer two research questions: which innovation policies mixes and policy topics do characterize the STI policies implemented by countries to cope with the pandemic? Which STI policy portfolios do characterize the OECD countries? To answer these questions, we adopt a text mining strategy to select terminology in the free text description of policy initiatives, we then elaborate clustering of both multiple codes of policy initiatives and of topics emerging from free texts descriptions. Interpreting the cross country comparison emerging from such analysis will support further development of the analysis focusing on structural socioeconomic features characterising the countries with respect to the relevant STI dimensions under analysis.

BUSINESS STAGE 1.1

SESSION F

14:00-15:30

Transformation II - Mission-Orientation

SESSION F

Jakob Edler Chair
Fraunhofer Institute for Systems and Innovation Research ISI,
MIoIR, University of Manchester

Brigitte Ecker Discussant
WPZ Research

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SESSION F

14:00-15:30

Towards a framework for impact assessment for mission-oriented innovation policies. A toolbox approach

Florian Wittmann
Fraunhofer Institute for Systems and Innovation Research ISI

Ralf Lindner
Fraunhofer Institute for Systems and Innovation Research ISI

Florian Roth
Fraunhofer Institute for Systems and Innovation Research ISI

Emerging from the scientific support action to the German Hightech Strategy 2025, the main R&I strategy of the Federal government of Germany, this contributions seeks to develop a framework for impact assessment of mission-oriented innovation policies (MOIP).
With the growing importance of the concept of mission-orientation as a mean to foster transformative change, there is a strong need for better understanding and assessing the impacts of such approaches. Yet, the complex character of these policies creates numerous obstacles for impact assessment, so that there are no established frameworks allowing to systematically explore the impacts of these policies.
For this purpose we propose a modular tool-box approach that is supposed to support policy-makers during policy design and implementation and allows for a description of impacts by a theory-based approach. Aiming to disentangle the complexity of missions, we first conceptualize MOIPs as multiple translation processes that shape the impacts of these policies. Based on that we derive a set of specific dynamics and possible tools for analysis that help to investigate whether and how missions contribute to the postulated goals. Among the utilised tools are a system mapping of the socio-technical system, the development of impact pathways, and a portfolio analysis aiming to understand the mission design and contribution of instruments.

Understanding the role of symbiotic sociotechnical niches' interactions on fostering transitions acceleration.

Oscar Yandy Romero Goyeneche
Utrecht University centre for Global challenges

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Here we develop a conceptual and mapping tool to study the symbiotic integration of water, energy, and food sustainable options as expressed in the Sustainable Development Goals (SDGs). The study of the interrelated dynamics across systems have gained attention since the implementation of the SDGs implies the consideration of their synergies and trade-offs. In this sense, we investigate the mechanisms behind such complex interactions. We use EIT Climate KIC as a study case since this organization has the mission to interconnect multiple innovations sectors and industries in various European regions. Our results show that the institutionalization of new sustainable alternatives is associated with developing regional programs and long-term visions across multiple SDGs. In this regard, EIT-Climate Kic can catalyse diverse Grand Challenges expressed in the SDGs through spanning actions across multiple sustainable options. In this regard, our results uncover possible mechanisms for stimulating the acceleration of transformation by considering symbiotic interactions across multiple sustainable options.

The role of learning processes for the legitimisation and reflexivity function of transformative mission-oriented innovation policies

Jakob Kofler
KMU Forschung Austria /
Austrian Institute for SME Research

In light of today's grand challenges, a new generation of innovation policies is emerging which raises new demands for policymaking and administration. This contribution sheds light on learning processes and monitoring tools needed to fulfil the reflexivity and legitimacy function of transformative mission-oriented innovation policies (Wesseling & Meijerhof, 2020). In so doing, the paper adds to recent efforts at closing the gap between theory and practice in developing transformative mission-oriented innovation policies (Janssen et al., 2020).
The research strategy comprises a historical analysis of learning processes in the Austrian "Mobility of the Future" programme as well as a participatory process for the co-creation of new tools to monitor the programme and stimulate transformative learning across stakeholders. Beyond continuous interactions with the programme owners and the implementing agencies, the project builds on the implementation of a 'living lab' in which new learning and monitoring tools can be tested on the ground in collaboration with funded projects and stakeholders. In our contribution we will present the outcomes from the historical analysis, the design of the co-creation process as well as first results.

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SESSION G

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New Data Sources and Empirical Methods in R&I Impact Analysis

SESSION G

Andreas Reinstaller Chair
Austrian Institute of Economic Research (WIFO)

Jürgen Janger Discussant
Austrian Institute of Economic Research (WIFO)

Agnes Kügler Discussant
Austrian Institute of Economic Research (WIFO)

Zero chemical pesticides agriculture by 2050: Tools for identifying research contributions to transformative change

Renée van Dis
French National Research Institute for Agriculture, Food and the Environment (INRAE)

Mireille Matt
INRAE France National Research Institute for Agriculture, Food and Environment

Douglas K. R. Robinson
The Laboratory for the Interdisciplinary study of Science, Innovation and Society (LISIS), CNRS - Université Gustave Eiffel - INRAE, France

Failure! A French policy implemented in 2008 was aimed at a 50% reduction in pesticide use by 2018. Rather than pesticide reduction we have seen an increase. In response to this failed policy, the French government launched, in January 2021, a mission-oriented research program aimed at achieving chemical pesticide-free agriculture by 2050. This ambitious research program includes 10 projects, funded over 6 years to conduct research that will contribute to transform agricultural and agrofood systems.The notion of missions promises a means of driving research and innovation actors to achieving grand societal challenges. However, the extent to which

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these policy interventions can contribute towards societally desired systemic change poses a difficult analytical and evaluative challenge. R&I funding programs have to make choices and understand whether they are achieving their aims. They manage the internal coherence of a portfolio of projects and interact with the context to generalize the potential impacts generated by the projects. In this nested situation, monitoring the contribution to desired impactsof the projects constitutes a crucial element. Do projects generate desirable impacts that lead to the desired transformations? Do projects have the appropriate tools to analyze in real-time if their contributions are "off-" or "on-track"? There is a lack of understanding how R&I projects orientate and steer research in real-time so as to maximize their contribution to desired transformations. The aim of this paper is to show how tools for real-time assessment help projects to assess their contribution to expected societal impacts, in the context of a mission-oriented policy aiming at a chemical pesticide free agriculture in 2050.
In this paper we briefly describe the ASIRPAReal Time approach and present its guiding principles for a future-oriented assessment tool that can articulate and assess potential contributions of R&I activities to transformative change. ASIRPAReal Time is based on the development of an anticipatory impact pathway by the research actors themselves, to anticipate on their contributions and to steer activities in real-time.
We will present preliminary findings from the application of ASIRPAReal Time by the research projects coordinators and their "impact teams". We will discuss issues related to the anticipatory impact-pathway, their learning potential, capability building, levers of action derived by the anticipatory exercise...

Evaluation of the economic impact of Bpifrance's innovation grants and subsidies (supporting SMEs' individual innovation projects)

Matthieu Brun
Bpifrance

The proposed contribution consists in an unprecedented econometric evaluation of the economic impact of innovation grants and subsidies distributed by France's development bank, Bpifrance. The study aims at evaluating Bpifrance's financial support to innovative SME's in terms of various economic outputs such as R&D spendings, revenue and employment.
The research was conducted by both economists from the Bpifrance Evaluation Department and France Stratégie, a French think tank related to the government. It was supervised by an independent steering committee with members from the French Treasury, the French Directorate-General for Enterprise (DGE), France Stratégie, the Banque de France and economists from independent universities. The research project makes use of some 15 years of unprecedented data on innovation support activities (2005-2018) from 60,000 projects entailing individual aid for innovation, cross-referenced with government statistical data published through a secure data hub (the CASD: https://www.casd.eu/en/).

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The impact assessment relies on a difference-in-differences approach combined with a matching procedure for supported businesses against businesses that were not supported but were initially similar (propensity score matching method). It shows that use of Bpifrance's individual aid enabled SMEs and micro-enterprises to boost their investment in R&D & Innovation over the 3 years that followed the aid being granted, when compared with the situation for businesses where no such aid was received. This increase in RDI spending is reflected in concrete terms by higher R&D expenditure in recipient SMEs and micro-enterprises (up €250k on aggregate over 3 years, for those that had previously used the CIR research tax credit). This part of the analysis was supplemented by an examination of skilled employment and R&D labour. The results indicate that aid encourages investment in R&D jobs by recipient SMEs and micro-enterprises, with 0.5 more engineer/technician jobs within 3 years (10% growth relative to the year preceding receipt of aid) and 0.4 more highly-skilled jobs (up 9%)
Beyond the extra spending on R&D and innovation, the financial performance of recipient SMEs and micro-enterprises also improved at the end of the 3 years, compared to the contrafactual situation, with turnover up €284k (6% higher than the year preceding receipt of aid), added value up €99k, and €77k more in export revenue.

Exploring Synergies between EU Cohesion Policy and Horizon 2020 Funding across European Regions. Using project-level data for monitoring & evaluation of EU R&I funding schemes

Julia Bachtrögler-Unger
Austrian Institute of Economic Research
(WIFO)

Over the course of the multi-annual financial framework 2014-2020, the European Union has invested more than €125bn into support to research and innovation through two main channels: the excellence-based Horizon 2020 programme and its cohesion policy implemented through the European Structural and investment funds (ESIF), in particular the European Regional Development fund (ERDF). While projects funded by ESIF are selected in the context of place-based operational programmes and smart specialisation strategies (S3), Horizon 2020 grants are assigned based on the quality of the project proposals and consortia without any geographical criteria. A concentration of R&I funding from both funding schemes in the same technological or policy area could point to the creation of synergies between EU funding as suggested by the concept of smart specialisation and encouraged by the European Commission. This analysis uses project data to analyse the regional distribution of Horizon 2020 and ERDF funding among key enabling technologies (KET) and societal grand challenges (SGC) and to map potential synergies between different EU funding policies. For this purpose, a novel dataset of projects co-funded by the ERDF in 2014-2020 that has been set up in the course of the European Commission's and Joint Research Centre's "Stairway to Excellence" project was used.
The occurrence of potential synergies resulting from a concentration of ERDF and Horizon 2020 funding in the same KET or SGC varies considerably between thematic areas and from one region to another. The factors expected to influence the concentration of funding are multiple, including the endowment of territorial assets (e.g. infrastructure, universities, skilled population) as the distribution of funding can

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reflect the ecosystems that benefit from the support. This analysis of concentration of funding is a first step. Future research on (potential) synergies of European R&I funding should include not only further quantitative analysis but also qualitative analyses to learn more about regional decision-making processes on the use of funds.

The application of randomised controlled trials (RCTs) and other experimental approaches in the Austrian Research Promotion Agency (FFG) - learnings and outlook

Tess Landon
FFG Austrian Research Promotion Agency

Christopher Lebisch
FFG Austrian Research Promotion Agency

The objective of this paper/presentation is to highlight how experimental approaches, specifically Randomised Controlled Trials (RCTs), can be leveraged to evaluate and measure the impact of new programmes, support programme development and test new services in funding and innovation agencies. RCTs are seen in many facets of public policy, however RCTs as a method for innovation agencies to evaluate new initiatives is relatively new. FFG is one the first innovation agencies to use RCTs and other experiments to develop and improve their portfolio.
We present three RCTs implemented in the Austrian Research Promotion Agency (FFG) that have received funding from the European Union's Horizon 2020 research and innovation programme. The trials are implemented to evaluate the effectiveness of new measures intended to help strengthen R&I in Start ups and SMEs. Through these three examples, we aim to demonstrate the advantages in which RCTs can augment the evaluation of new services as well as challenges that come with implementing RCTs. For one RCT, we will present final results. Two RCTs are on-going and we will present the trial design. We also discuss the operational aspects of incorporating experimentation in an innovation agency.

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SESSION H

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Specific Programme Evaluations

SESSION H

Emanuela Reale
CNR-IRCRES Research Institute on sustainable Economic Growth

Chair

Michael Dinges
AIT Austrian Institute of Technology, GmbH

Discussant

Evaluation of arts-based research

Klaus Schuch
ZSI - Centre for Social Innovation

This paper discusses the findings and methodological challenges associated with the evaluation of arts-based research (ABR), itself an unorthodox approach to scientific research that has rarely been evaluated. The evaluation object is the Austrian Science Fund's programme for Arts-based Research (PEEK). The purpose of the evaluation was

- to identify strengths and weaknesses of the programme and to quantify and qualify the produced output, the generated outcome and the induced impact;
- to provide recommendations if and how PEEK should be continued, improved or restructured;
- and to provide input for the general funding strategy for arts-based research for 2022 and beyond.

In this paper we focus on 3 aspects:
First, we discuss our approach to narrow down this unorthodox research approach and describe our evaluation design to accommodate different perspectives.
Secondly, we discuss in particular one component of our multi-method evaluation approach, which has an artistic artefact as a starting point.
Third, we discuss the results with a view on the further development and institutionalisation of the Austrian art university sector.
Novelty can be identified on three levels: firstly, the evaluation object, arts-based research, itself is quite new and has hardly been evaluated by now. Secondly, interviews based on artistic artefacts have not been used much in evaluation and we describe and discuss our approach. And thirdly, the results are new and interesting with regard to the contribution of the evaluated to the further development of arts universities towards institutions that see themselves not only as opening up and developing the arts, but also as academic institutions.

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Evaluating the Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI) towards alignment and high quality transnational research

Stefanie Margraf
Forschungszentrum Jülich GmbH

The Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI) was launched by the European Council in 2010 with the goal of promoting greater cooperation and coherence in research programming across Europe to meet the societal challenges of jointly ensuring food security, adaptation to climate change impacts, and mitigation of greenhouse gases emissions. The initiative comprises 24 countries that are committed to align national programmes under a common

Strategic Research Agenda. FACCE-JPI strives to contribute to the strengthening of the European Research Area (ERA) by mobilising European researchers, funders and other stakeholders.
In 2016/17, the JPI was evaluated with regard to its progress towards its goals of aligning and integrating national and European research programmes, the efficiency of its processes, the relevance of its actions, the commitment of the member countries and the future expectations for FACCE-JPI. This evaluation was repeated in 2019 to assess the advancement of FACCE-JPI in this context. Furthermore, launched research activities are at a stage to provide first scientific results, which can be evaluated with regard to their high quality and their impact on the scientific community.
The primary evidence used in the evaluation report1 was gathered from three main sources: firstly, from responses to a survey sent to FACCE-JPI Governing Board members, secondly, from a bibliometric study and thirdly, from internal data.
The evaluation revealed increased alignment of national and European research programmes as well as excellent scientific performance of FACCE-JPI's research activities.

1 https://www.faccejpi.net/web/file?uuid=663b4e76-e994-4b7d-9a8f-c931ec0f1bd1&owner=3ec0cd01-2f2e-492c-91c6-48f4cbd6c431&contentid=547392

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SESSION H

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Supporting researchers under threat in today's Academia.

Lessons learnt from the evaluation of the Philipp Schwartz Initiative

Tobias Dudenbostel
Technopolis Group | Austria

The Philipp Schwartz Initiative (PSI) is a relatively new program of the Alexander von Humboldt Foundation (AvH) that was launched in 2016 in close cooperation with the Federal Foreign Office. PSI enables universities and other research institutions in Germany to host exiled, threatened, and displaced scientists as Philipp Schwartz Fellows for a period of two years, in order to allow the continuation of their research.
Tobias Dudenbostel and Katharina Warta from Technopolis Austria were tasked with an evaluation of the first four selection rounds of PSI. The evaluation aimed at taking stock of program implementation, collecting interim results, assessing goal attainment and to provide recommendations to further improve the program. The program aimed at developing structures within organisations hosting threatened researchers, at integrating fellows into research to increase career perspectives, as well as at raising awareness and at sharing information and facilitate networking within German Academia. To our knowledge, this was the first evaluation of a comparable initiative. Our contribution answers the following questions: First, how to best cater for the specific features of the program and the program beneficiaries in the design of the evaluation methodology? Second, what kind of methodological challenges did we encounter and what mitigation strategies were implemented? Third, what were success factors that enabled the program to reach its goals and what were barriers? And fourth, on a more general level, how is a program like PSI positioned within the AvH, German Academia and within the discourse on academic freedom?
To answer the evaluation questions, an evaluation concept combining qualitative and quantitative elements was developed and discussed with the AvH. There were several specific methodological challenges to overcome (data protection, privacy, and building trust in the field of beneficiaries). The evaluation shows that the program objectives have been achieved to a large degree. We identified several success factors of the program such as program design, designated project structure, quick and flexible program administration, following a sensible division of tasks among stakeholders and lastly, community building and engagement. Barriers identified were personal difficulties (e.g., migration, threat, administration of e.g., refugee status, family, language, psychological distress). On a project level, mentors had to invest a high degree of personal time and commitment with comparable less support. On institutional level, psychological support was difficult to offer. Most important areas for improvement were defining better the role of mentors and increasing their support and/or exchange, funding the fellows through contracts (not stipends), and minor changes in monitoring.
PSI positions itself in an environment of on the one hand long-standing initiatives by NGOs and, on the other hand, various programs launched recently by research funding organizations as the AvH. Implementing the program changed the AvH as well and provided an impulse to reflect on the German academic system, but PSI is also a contribution towards providing R&I resilience since it allows fellows to continue their research.

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POSTER SESSION

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Poster Session

SESSION I

Katharina Warta Chair
Technopolis Group | Austria

How is the process for outcomes different in each technology fields?

Motoshi Kunugi
New Energy and Industrial Technology Development Organization (NEDO)

Shumpei Miyajima
New Energy and Industrial Technology Development Organization (NEDO)

New Energy and Industrial Development Organization (NEDO) establishes and manages about 70 national consortium type projects in fields New Energy/ Environment and Industrial yearly, which are mainly research and development (R&D) activities. To improve our R&D management, NEDO also conducts questionnaires to project participants for six years after the end of the projects for monitoring their post-project status and reviewing their activities during the project. Based on a decade of questionnaire surveys, we have found that the factors affecting the outcomes of energy/environment and other industrial technology projects are different. In energy/ environment projects, solving the cost problem and constructing the new market was more important. In other industrial technology projects, it was more important to gain the understanding of managers and to match with user needs. In particular, those factors affected the continuing R&D activities just after completing the NEDO project. We discuss the characteristic of both technology fields.

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Responsibility in research evaluation practices. Lessons from a global discussion

André Brasil
Leiden University, Centre for Science and Technology Studies (CWTS)

Throughout April 2021, the SUPER MoRRI project coordinated a series of webinars to discuss evaluation practices of research, and how responsibility is included. Invited participants from thirty countries joined regional sessions organized around the Americas, Asia/Pacific and Africa/Middle East, and then they came together on a global session to reflect on the fruitful exchanges. From the discussion among policymakers and representatives of both funding agencies and research performing organizations, distinctions and similarities of science and technology systems around the world became evident. Participating countries are evidently at different stages of their scientific development and are constrained by social, economic and political realities to face the challenges of continuous evolution. Nevertheless, from all their differences, converging concerns are easy to identify, and the issue of responsible research and innovation takes the centre stage.
The study proposed here results from a qualitative analysis of the international debate held with the SUPER MoRRI stakeholder network. From the session recordings, reports prepared during the meetings and follow up interviews with participants, the planned poster will bring together the aforementioned concerns about responsible evaluation practices, focusing on four core issues: i) the need to move away from metrics while being cautious of the subjectivity that may come from peer-review and other evaluation practices; ii) necessary transitions in science systems and evaluation practices must be evolutionary, never revolutionary; iii) the investment of both financial and human resources is required to advance responsible practices of research; iv) the distinct reality of each country and local context influences the purpose and priorities of local research, and such regional relevance must be a core criterion in evaluation practices. The core issues reflect the SUPER MoRRI principles of responsible quantification and credible contextualization.

Multidimensionality through self-evaluation. From theory to practice in Brazilian graduate education

André Brasil
Leiden University, Centre for Science and Technology Studies (CWTS)

Nearly all science and technology research conducted in Brazil takes place within a national system of graduate education. Since the 1970s, graduate programs assessment has been an integral part of that system, with a model currently being held on a quadrennial basis. The evaluation model is dynamic, evolving from the experiences of evaluators, policymakers, and the scientific community during each

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four-year cycle. This study investigates part of the evolving effort throughout the 2017-2021 period, particularly concerning the theory(ies) and practices of implementing multidimensionality and self-evaluation as integral parts of the national evaluation system. From the analysis of connected legislation, technical reports, assessment guidelines and policy briefs, it is possible to follow the evolution from the initial idea to the resulting proposals and current actions around the issue. Contrasting such a narrative with international experiences and the research already performed on multidimensional and self-evaluation, the investigation shows there is little concrete difference from the proposed new model to the one that was already in place in Brazil. Nevertheless, the analysis evidentiates the legitimacy of the evolution effort by the actors involved. Because of that, the final section of this study provides actionable recommendations for policymakers and evaluators to seize the opportunity to implement an actual multidimensional assessment model, grounded on the discussed, but so far incipient in the country, self-evaluation at a graduate program level.

Effects of the public support to research activities of businesses: challenges of their assessment

Vladislav Čadil
Technology Centre of the Czech Academy of Sciences

The aim of this contribution is to discuss possibility of reasonable evaluation of business research policies under limited availability of (credible) data on the background our recent project.
The novelty rests in the classification of beneficiaries in the attempt to reduce their heterogeneity, we also adopted two scheme how to capture the dynamics of the effects even still rather short term. The paper discusses the challenges we faced and factors which limited the analysis.
We identified three classes of 3 clusters of beneficiaries: a cluster of long term beneficiaries - science based innovators. This cluster encompass original equipment manufacturer, OEM and first tier suppliers which are of medium and large size.. The short term participants split in two groups: a cluster of first tier suppliers, also product innovators and of small size. The other cluster incudes second and third tire suppliers concerned with production cost reduction. We short term effects are positive for small projects while their might be negative for big projects. There is no clear trend in the development of effects over time regardless which indicator we investigate. We failed to associate economic data with identified clusters of beneficiaries and had to use too rough proxies as the size of the firms. We also considered that effects might differ by economic sectors or dynamics of firms (growing/stagnating/declining).

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Funding the internationalisation of innovative SMEs: challenges and lessons learned from the INNOWWIDE instrument

Oliver Rohde
German Aerospace Center Project Management Agency (DLR-PT)

INNOWWIDE, the "Viability assessment of collaborative and INNOvative business solutions in WorldWIDE markets", was a Horizon 2020 project that aimed to fund European innovative SMEs and start-ups to conduct Viability Assessment Projects (VAPs) in markets outside of Europe.
This funding instrument, conceived as a tool to support transformative R&I policies and actions related to SMEs internationalisation, was implemented in two calls for Viability Assessment Projects (VAPs), one in 2019 and one in 2020, during its pilot stage. In total, 120 applicants finally received grants in the form of lumpsum funding. The funded projects should create the conditions to increase the uptake of European innovative solutions in markets outside of Europe. The two calls targeted markets of developing countries, large emerging economies (Brazil, Russia, India, China, Mexico) and developed countries with the same allocation for each of these three country categories.
The implementation of the calls was accompanied by an extensive impact assessment exercise built on top of a holistic framework, combining different levels of analysis (project level, impacts on European and international level, and analysis of the implementation stage) at both ex-ante and ex-post and through different timing after VAPs implementation.
The aim of this method was to evaluate the impact of funded VAPs at SME level and at country level. This combination of qualitative and quantitative instruments to grasp short- and medium-term impacts enabled the consortium to gain insights into the impacts from INNOWWIDE implementation, providing the European Commission with an evidence base for further activities into this direction. The impact assessment has shown that the INNOWWIDE scheme proved to strengthen international collaboration by establishing win-win international collaboration partnerships. The European Commission is therefore very much willing to reinforce and capitalize on INNOWWIDE programme results by integrating this funding instrument into the Horizon Europe partnership programme.

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Transformation III - Social Innovation

SESSION J

Susanne Bührer-Topçu Chair
Fraunhofer Institute for Systems and Innovation Research ISI

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SESSION J

16:00-17:30

Jürgen Streicher
Joanneum Research

Discussant

Valorisation of transdisciplinary research programmes: an evaluation approach and empirical illustration

Laurens Hessels
Rathenau Instituut and
Leiden University

Caro Mooren
KWR Water Research Institute

This paper presents the valorisation cycle, a framework for evaluating transdisciplinary research programs. It outlines the main principles, provides an illustration by discussing its application in the evaluation of the Water in the Circular Economy program (WiCE) managed by KWR Water Research Institute in the Netherlands, and discusses opportunities and limitations of the framework.
Differently from existing approaches, the valorisation cycle understands research impact as a social learning process in transdisciplinary research programmes. Building on existing approaches, the key building blocks of the valorisation cycle are: valorisation as a cyclical process, distinction between three types of learning (cognitive, relational and strategic), productive interactions and impact pathways.
We conclude that the valorisation cycle is a promising tool for evaluating the impact pathways of transdisciplinary research programs. The application to WiCE has shown how the approach directs the attention to the different learning processes that are required to generate impact such as regular, frequent interaction during the research execution, early involvement of researchers and end users since the identification of research questions and project design, and capacity of motivated researchers to bring problems and solutions together when there is momentum.

Evaluating social innovation in the energy sector: first empirical findings based on a city lab process in Mannheim

Sarah Seus
Fraunhofer Institute for Systems and
Innovation Research ISI

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SESSION J

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Maria Stadler
Fraunhofer Institute for Systems and Innovation Research ISI

Our presentation will focus on the evaluation on a transdisciplinary City Lab (City of Mannheim, Germany). In the context of this lab, activities that are meant to create a momentum for social innovation in the energy sector are currently implemented. The overall aim of the evaluation is to assess whether the City lab's activities a) have contributed to include new actors in debates related the City's energy transition b) have established new modalities of collaboration and spaces of interaction for those actors active in the local energy transition and c) assess the social innovativeness and the disruptive potential of this new forms of collaborations.
Next to presenting the findings of the evaluation, our contribution will focus on the challenges related to evaluating this new innovation concept of social innovation and the city lab's ambition to push forward energy transition on the local level. In this regard, we will discuss enabling and impeding factors with regard to the design and implementation of the evaluation.

"Societal impact": a transformative criterion for transformative policies?

Lise Moawad
Humboldt University of Berlin, Robert K. Merton Center for Science Studies

Cornelia Schendzielorz
Humboldt University of Berlin

In 2014, UK higher education institutions implement a new system for assessing the quality of research, the Research Excellence Framework (REF) and established "impact beyond academia" as 'new' assessment criterion. The timing is roughly similar in Norway and the Netherlands. the developments of research assessment tools in UK, Norway and the Netherlands seem to move with the times. This contribution tackles the changing nature of the impact definition by testing 'societal impact' as a metamorphic criterion. Specifically, we intend to contextualise a concept and note its semantic shifts in time and space while being attentive to the interactions between its meanings and the transformative R&I policies. The comparative perspective inherited from political sciences is necessary to examine those conceptual and institutional variations and cope with national path-dependencies. The analysis will be based
upon a comparative semantic study of official documents, through a close text analysis of occurrences, connotations as well as denotations of 'societal impact' in policy documents from the UK, Norway and the Netherlands. The result is a systematic synopsis of the range of meanings of this criterion resulting in a handy typology that sets the ground for the exploration of further dimensions of societal impact evaluation challenges related to the specific transformation-oriented R&I policies.

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SESSION K

16:00-17:30

Systemic Views - Holistic Approaches

SESSION K

Anna Deutschmann Chair

Jakob Kofler Discussant
KMU Forschung Austria /
Austrian Institute for SME Research

Systems Analysis in Evaluation: The unfulfilled promise

Michael Rothgang
RWI-Leibniz-Institute for Economic Research

Our paper addresses the question, why systemic approaches play only a modest role in impact evaluations of innovation and technology programmes so far and discusses solutions that could be offered to remedy the existing deficit. While the need for a systemic approach to evaluations has been stressed quite often, the methodological challenges and reasons for the lack of systemic evaluations in practice have to our knowledge not been addressed in a systematical manner yet. The work is conceptual in nature and based on a review of the research literature on the use of systemic approaches in evaluations of the impact of R&I policy programmes. The analysis shows that the use of systemic methods encounters both epistemological and institutional obstacles. Suggestions are made for the further development of the methodological repertoire by including suitable systemic approaches.

Environmental impact of RTI-policies: Challenges and perspectives for evaluation

Harald Wieser
KMU Forschung Austria /
Austrian Institute for SME Research

Public policy is increasingly expected to actively contribute to the achievement of socially or politically defined environmental goals. Against this backdrop, increased consideration of

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the effects of RTI policy on the natural environment can be observed in recent years. This is expressed both ways, in the definition of environmental criteria and an increasing systemic orientation of RTI policy measures to support a transition towards a climate-neutral and resource-efficient society. This paper presents the outcomes of a working group on the challenges for evaluation practice arising from this "greening" of RTI policy and presents existing approaches to address them.

Crossing the valley - translation from theory to practice in transformative innovation policies and funding

Magdalena Wicher
IHS - Institute for Advanced Studies (Austria),
University of Bergen (Norway)

Alexandra Göd | University of Natural Resources and Life Sciences (Austria)
Jordi Molas-Gallart | INGENIO (CSIC-UPV) Universitat Politècnica de València
Shauna Stack | Institute for Advanced Studies (Vienna), Austria
Richard Woolley | INGENIO (CSIC-UPV) Universitat Politècnica de València
Elisabeth Worliczek |Center for Global Change and Sustainability, University of Natural Resources and Life Sciences, Vienna

Transformative Innovation policies (TIP) aim to promote transformative dynamics that drive long run changes in existing conditions. TIPs also require new evaluation approaches which shape research and innovation processes through hands-on, real time adaptation and the inclusion of different stakeholders throughout the whole course of the evaluation. Using a formative evaluation approach, we explore the potential of the JPI-funded SOLSTICE call on "Enabling Societal Transformation in the Face of Climate Change". The Call should strengthen the role of the Social Sciences and Humanities in initiating change on multiple levels on the topic of climate change beyond traditional disciplinary boundaries and approaches. In a collaboration between JPI Climate representatives and the evaluation team, the aim of the formative evaluation is to jointly define what exactly the objectives and goals of the Call were and how these were responded to by successful applicants. We will present preliminary results based on the first empirical and cocreation phase within the formative evaluation at the Call level.

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[PLENARY]

PLENARY

17:30-18:00

Presentation of the Research on Research Institute (RoRI)

Sarah de Rijcke
CWTS Leiden

Research on research (RoR) uses a rich blend of old and new disciplinary and methodological approaches to test, evaluate and experiment with different aspects of research systems, cultures and decision-making. It brings together people and organisations that care about research, gathering information and developing tools to inform and improve how research is funded, practised, communicated and evaluated. In this session the work and key findings of the Research on Research Institute (RoRI) will be presented by Sarah de Rijcke, Director of CWTS at Leiden University and Co-chair of RoRI.

Keynotes
Panels
Sessions

DAY 2 – May 6

Keynotes, Panels, Sessions

Day 2: Friday, May 6

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[PLENARY]

9:00

Opening

Klaus Schuch
fteval – Austrian Platform for Research and Technology Policy Evaluation

Keynote: Science, Technology & Innovation Policy and Causality

Paul Hünermund
Strategy & Innovation at Copenhagen Business School

BUSINESS STAGE 1.2
SESSION L

9:30-11:00

Transformation IV - Innovation Management in Systemic Change

SESSION L

Dorothea Sturn Chair
ZSI – Centre for Social Innovation

Philipp Witibschlager Discussant
BMK - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology

SIPER: the Science and Innovation Policy Evaluation Repository: what is it and what can be done with it?

Sarah Seus
Fraunhofer Institute for Systems and Innovation Research ISI

Keynotes, Panels, Sessions

Day 2: Friday, May 6

BUSINESS STAGE 1.2

SESSION L

9:30-11:00

Elisa Wallwaey
Fraunhofer Institute for Systems and Innovation Research ISI

The Science and Innovation Policy Evaluation Repository (SIPER) is a database of evaluation studies including thus far approx. 900 evaluation studies from EU and OECD member states from 2000 until today. The database can be accessed via a website (www.si-per.eu) and allows for searches according to pre-defined categories. These categories are coded by researchers for each evaluation. The novelty of the SIPER repository is twofold: a) SIPER is the first comprehensive repository of STI-evaluation studies; b) due to the categorisation of all studies included in SIPER, searches according to specific evaluation topics or main evaluation characteristics of STI-evaluations are possible (e.g. as data input for meta-analysis). The aim of this poster is to make SIPER known to the STI-community and show the features and possibilities of this repository.

Designing programme theories for transformation-oriented evaluations: The case of the accompanying evaluation of the 7th Energy Research Programme

Michael Dinges
AIT Austrian Institute of Technology, GmbH

Anna Wang
AIT Austrian Institute of Technology, GmbH

Christiane Kerlen
Kerlen Evaluation

This article investigates how programme theories can be designed that are able to grasp system transformation processes and that set the basis for understanding of impact mechanisms and programme learning.
The analysis is based within the realm of the energy system, which is an area of specific concern for socio-economic transformation. It focuses on the "7th Energy Research Programme" (EFP) of the German Federal Ministry of Economic Affairs and Energy,

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SESSION L

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which is the key R&I policy instrument contributing to the transformation of the energy system in Germany.
The article shows how a programme theory approach can be combined with multi-level perspective innovation system thinking and the concept of transformative outcomes to increase the evaluability of complex, transformation oriented R&I programmes.

What can transformative innovation policy learn from responsible research and innovation?

Michael J. Bernstein
AIT Austrian Institute of Technology, GmbH

Transformative innovation frames are poised to re-shape the future of R&I policy in Europe. These idioms of science and technology governance have surged amidst the plateauing of another governance paradigm: responsible innovation. While not an extension of responsible innovation, transformative and mission-oriented frames for R&I share a common ambition to reshape science and technology relations in the interest of broad societal agendas. In this talk, we reflect on efforts to institutionalize responsible innovation and offer a provocation to transformative innovation frames—how to shape the future of S&T governance without repeating pitfalls of the past. We draw lessons from a decade of practice to show that governance of innovation—when fixed on generating changes primarily at the project level—ignores key sites of knowledge production. Drawing on extensive interviewing, participatory workshops, and auto-ethnographic reflection, we discuss the importance of looking beyond the project to other sites of science administration, and their potential role in shaping the trajectory of research and innovation policy for with and for society. We, conclude with a discussion of how alternative ways of shaping agenda setting, funding calls, and knowledge-production spaces and evaluations could empower actors to better realize transformative ambitions.

BUSINESS STAGE 1.1

SESSION M

9:30-11:00

Transformation V - Cases & Examples

SESSION M

Matthijs Janssen Chair
Copernicus Institute of Sustainable Development at Utrecht University; Dialogic

Brigitte Ecker Discussant
WPZ Research

Keynotes, Panels, Sessions

Day 2: Friday, May 6

BUSINESS STAGE 1.1

SESSION M

9:30-11:00

Transforming Food Systems. A retroactive review of agri-food R&I investment in the EU

Sonja Schneuwly
Ipsos UK

Caroline Chandler
Ipsos UK

This presentation will share our experience of developing an EU-level baseline for food-systems R&I in support of the European Commission's transformation agenda, with specific reference to the Food 2030 initiative. Food 2030 forms part of the EU's mission-oriented approach to R&I, viewing it within the context of a dynamic food system with multiple dependencies and many different actors. This approach aligns with a growing recognition that, in order to achieve transformational change, the interactions and interdependencies of all components within a given system and its relationship to other systems must be considered.
In a transformative R&I system, innovation itself is no longer the end-goal but is viewed as an enabler to solve societal and environmental challenges (the end-objective) and linking such broader outcomes back to specific R&I inputs is not a straightforward endeavour. Furthermore, the inter- and transdisciplinary nature of a systems approach, as well as the nature of systems thinking itself, make it hard to define evaluative boundaries. Traditional public sector approaches to supporting R&I do not align well with such an approach, with implications for evaluating R&I policy. The presentation will focus specifically on the novel aspects of the EU's approach to framing food-related R&I and the evaluation challenges this presents, as well as how we have worked to mitigate these. We will present findings to illustrate the extent to which current R&I policy within the EU Member States is aligned with the Food 2030 agenda and identify barriers to implementing a systems approach to food-related R&I at EU level. We will share lessons learnt and recommendations at an evaluative level on assessing transformative R&I policies.

Corona and the Challenges of Sustainability Transformation

Susanne Bührer-Topçu
Fraunhofer Institute for Systems and Innovation Research ISI

BUSINESS STAGE 1.1

SESSION M

9:30-11:00

The objective of this abstract is to show how Covid-19 influenced a specific evaluation project, namely the evaluation of the BMBF's research programs for sustainability (FONA). On the one hand, a strategic stakeholder discourse planned for spring 2020 based on the evaluation results could not be continued as planned. Instead, 50 telephone interviews were conducted with representatives from universities, non-university research, business, municipalities and civil society in order to obtain as many indications as possible for the strategic and operational continuation of the funding. Thus, the discourse continuation partly had the character of a qualitative ex ante evaluation.
On the other hand, the question emerged what the Corona crisis means for sustainability research and in particular research funding and which lessons learned can be derived from the Covid-19 management. Here, on the subject of corona and sustainability, the example of FONA shows that the effects are by their very nature still unclear and can develop in different directions. It remains open which scenario will emerge in the end. After a strong focus on looking back at 15 years of funding in the main phase of the evaluation, the continuation of the discourse focused on the ex-ante assessment of the results and thus stimulated relevant discussion points that are of interest for future policy design, also taking into account abrupt changes due to external crises.

Transformative Innovation Policy in Cities: Demonstrating a Five-layer Framework using Amsterdam

Lasse Bundgaard
LISIS, Université Gustave Eiffel

Ilknur Kurşunlugil
LISIS, Université Gustave Eiffel

We have been witnessing the emergence of transformative innovation policies at the city level for the last decade. Innovation is not entirely new in the domain of politics and at the level of cities' visions, it has been promoted in infrastructure and economic policies since the 1970s. However today, policies that reach beyond these remits can be observed, whether de-facto or proactive, and these can be studied through meticulous research. This paper seeks to develop a new model that remobilizes the policy cycle to capture the translation of visions into policy action, experimentation and generalization. While cities are heavily focused on experimentation, which underlines their unique proximity to citizens, yet questions remain over how cities become active agents of transformative change (Fuenfschilling et al., 2019; Bulkeley et al., 2019). A coherent framework for capturing impact and understanding the conflicts within the mechanisms by which experiments lead to transformations, will help cities effectively address the challenges they are facing (Von Wirth et al., 2019). Therefore, we propose a five-layer model that captures the reiterative process of transformative change in cities. Relying on the logic of abduction, we use a case-study of the City of Amsterdam's Circular Economy transformation to disentangle and develop the framework further.

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The novelty of this paper is not in the individual layers, but rather in the interaction between the layers, which drives the development of Transformative Innovation Policies in cities.

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SESSION N

9:30-11:00

Higher Education Policy

SESSION N

Julia Melkers
School of Public Policy
Georgia Institute of Technology
Chair

Donia Lasinger
WWTF - Vienna Science and Technology Fund
Discussant

The power of government research evaluation: effects on knowledge production

Emanuela Reale
CNR-IRCRES Research Institute on sustainable Economic Growth

The paper investigates the extent to which external research evaluation implemented by the government on academics generates transformative effects on knowledge production, taking academics working in Italian universities as a case. The research questions addressed are: what changes external research evaluation can produce on research practices and individuals' strategies, and what is the likelihood of being transformative?
The focus is on two of effects that the literature indicates among the most promising or threatening the knowledge production, namely: i) Decisions affecting the content of research activities; ii) Modes of codification of knowledge produced doing research activities, looking at changing strategies and practices of publication.
Two instruments for research assessment are considered, which play a prominent role on academics, and thus deserve a special attention: VQR (Valutazione della Qualità della Ricerca, the Italian research quality assessment exercise) and ASN (Abilitazione Scientifica Nazionale, the contest for the national scientific qualification).
The paper adopts an interdisciplinary approach joining different competences in social sciences (sociology, economics and organizational studies). The results derive from a survey carried out at national level in 2020-2021 that collected data on 1,365 university professors, at different stages of their carrier (about 44% of the selected sample). The gender of the respondents is distributed at 60%-40% between males and females, with

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a slight prevalence of the age group 45-54 years (36%) over the age group 55-65 (34%). We expect external research evaluation produces different effects on academic research work and knowledge production, which largely depends on the institutional and geographical context where evaluation is applied, the fields to which academics belong, the stage of their research career (early researchers or seniors), and gender issues.

Duration and completion of doctoral studies in research collaborations. A multilevel model of facilitating and hindering factors

Richard Heidler
Deutsche Forschungsgemeinschaft

A speedy completion of a doctoral project enables early scientific independence and possibly a higher level of competitiveness. Thus, the "appropriate" duration of a doctorate is repeatedly part of science policy discussions, for example with regard to the duration of funding for individual doctoral candidates. The same is true for the question of whether a doctorate is completed at all, and under what conditions it is discontinued. Successful completion of a PhD (in the best case, of high quality) is not only a prerequisite for an academic career, but also, in the case of a career outside academia, for a useful qualification that has long-term implications for career success and salary.

For the purpose of a presentation at the REvaluation'21 conference, we analyse data from the annual surveys in coordinated programs conducted by the German Research Foundation (DFG). A cohort of these PhD students, namely those who started their PhD in 2012 (n=4009), serves as the starting point for the analyses. This data is cross-validated and extended with a database of all doctorates completed in Germany from the German National Library (DNB). This cross examination is necessary to allow statements on the full extent of completed and unfinished doctorates in the period under consideration.

The analysis will examine the following questions by adding data on early publications (SCOPUS) and extending the descriptive analysis with a multivariate multi-level model: Which individual and institutional factors have a beneficial (or detrimental) effect on duration and completion of a PhD? How is the weighting between individual and institutional factors? Do the same factors cause differences in duration and probability of completion? The goal of the analysis presented here is to generate a preliminary multivariate statistical multilevel model based on theoretical considerations on the influence of various contextual factors on the individual level and on the level of DFG research collaborations in terms of the duration of doctoral studies and the probability of completing or discontinuing a doctorate.

Keynotes, Panels, Sessions

Day 2: Friday, May 6

Just following the money? How research funding shapes university research strategies in Austria and Sweden

Max Fochler
University of Vienna, Department of Science and Technology Studies

Jürgen Janger
Austrian Institute of Economic Research (WIFO)

Michael Strassnig
WWTF - Vienna Science and Technology Fund

Funding research is an increasingly important strategic topic for universities. This concerns success in competitive third-party funding (TPF) as well as direct government block grant funding, which allocation is increasingly indicator-based. Does this mean that universities become more strategic actors, that consciously decide which monetary sources to draw on for which aims? Do universities use research and funding strategies to build specific profiles and to distinguish themselves from their peer institutions or to be more competitive in terms of TPF? And if so, how are these strategies developed, and which role do different actors (individual researchers, deans, rectors, but also external actors) play in this?

In this paper, we will use data from surveys and qualitative interviews with deans and rectors, and from university databases, e.g., on third party funding collected on Austrian and Swedish universities to provide some answers. The survey addressed about 70 deans (heads of faculties) of universities in Austria and Sweden. Our hypothesis is that the form of strategies, as well as which actors are relevant in developing them, depends on several variables.

First, we consider the relative size of the third-party funded (TPF)-sector in relation to direct block funding and the number of funding opportunities available in the TPF ecosystem. Here, Sweden presents a case in which a high proportion of funding for university research is acquired on a TPF market with a high and very diverse set of funding bodies. Austrian universities acquire a decidedly smaller share of their research funding on a much more limited market. We discuss the differences this implies for universities funding strategies between Austria and Sweden, but we also consider differences within the countries, such as between traditional research universities and newer regional universities in Sweden.

Second, we discuss the role of institutional culture and organization in shaping strategies and particularly who is seen as the actor group with the strongest influence on strategy building. The tension between seeing the university (or a faculty) as a strategic actor with corresponding leadership and the central role of individual faculty as experts in deciding on the directions of research is evident in all cases we consider. However, we analyse how this tension is lived in very different ways in different institutional cultures and which specific effects this has for strategy building.
The results of our study will contribute to a better understanding of the relationship between research funding and university strategy development, as well as the factors governing this relationship, providing relevant and novel insights for both policy makers and university managers.

CITY STAGE

SESSION O

9:30-11:00

Open Space

SESSION O

Room for 1:1 Meetings

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[PLENARY]

11:30

fteval Anniversary Enquete & Ceremony for the Evaluation Talent Award 2021

25 Years
platform *fteval* 2021

This Enquete of the Austrian Platform for Research and Technology Policy Evaluation (fteval) will celebrate the Platform's 25th Anniversary. There will be keynote speeches offering a review of achievements from an internal perspective and a description of the evaluation culture in Austria from an external perspective, followed by a panel discussion. The event will conclude with the presentation of the Evaluation Talent Award.

Keynotes, Panels, Sessions

Day 2: Friday, May 6

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11:30

Welcome Address

Sonja Sheikh
ACR - Austrian Cooperative Research and chair of the fteval Plattform

Impulse presentations

11:30

Rupert Pichler
BMK - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology

11:40

Jakob Edler
Fraunhofer ISI and Austrian Council for Research and Technology Development, MIoIR, University of Manchester

11:50

Panel discussion

Wolfgang Polt Moderator
Joanneum Research

Katharina Warta
Technopolis Group | Austria, former Chair of the fteval Platform

Christiane Kerlen
Kerlen Evaluation

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11:30

Jakob Edler
Fraunhofer ISI and Austrian Council for Research and Technology Development, MIoIR, University of Manchester

Rupert Pichler
BMK - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology

12:45

Evaluation Talent 2021 – Award Ceremony

Sonja Sheikh
ACR - Austrian Cooperative Research and chair of the fteval Plattform

Jakob Edler
Fraunhofer ISI and Austrian Council for Research and Technology Development, MIoIR, University of Manchester

BUSINESS STAGE 1.2

SESSION P

14:00-15:30

Programme owners meet their Evaluators

SESSION P

Peter Kaufmann — Chair
KMU Forschung Austria/Austrian Institute for SME Research

Birgit Woitech — Discussant
Austrian Science Funds (FWF)

Keynotes, Panels, Sessions

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BUSINESS STAGE 1.2

SESSION P

14:00-15:30

New perspectives on data use and presentation. The experience of the evaluation of the COMET programme, seen by the evaluator, the client, and the programme manager

Katharina Warta
Technopolis Group | Austria

Philipp Witibschlager
BMK - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology

Matthias Benda
BMDW - Austrian Federal Ministry for Digital and Economic Affairs

Otto Starzer
FFG - Austrian Research Promotion Agency

In May 2020, Technopolis was commissioned by the Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK) and the Federal Ministry for Digital and Economic Affairs (BMDW) to evaluate the COMET programme. The evaluation refers to the 25 currently existing centres. The focus of the evaluation lies on the characterisation of the COMET centres as well as on COMET's monitoring and performance measurement system.

This contribution to the REvaluation 2021 conference presents the insights triggered by this evaluation from three perspectives: the evaluator engaging in new approaches to strategic use and presentation of data; the clients, seeking new insights to reach evidence-based decisions; and the programme manager, implementing the recommendations. .

The efficiency of the approach chosen for this evaluation – which is the 7th study on competence centres since the launch of K-plus in 1998 – lies in the independence of the evaluator with a certain degree of autonomy in the approach, considerable efforts to tackle tedious but not necessarily difficult problems, opting for differentiation instead of the presentation of averages, creative and partly unusual graphical analysis of the subject, the provision of two dashboards presenting the analysis and inviting for active use of these data. Finally, it was important to treat questions of governance, programme design, implementation, and impact with equal importance.

BUSINESS STAGE 1.2

SESSION P

14:00-15:30

Patient and Public Involvement and Engagement (PPIE): funding, facilitating and evaluating participatory research approaches in Austria

Thomas Palfinger
Ludwig Boltzmann Gesellschaft Open Innovation in Science Center

Elisabeth Frankus
IHS - Institute for Advances Studies

The LBG OIS Center established a new Patient and Public Involvement and Engagement (PPIE) program aiming at the involvement of patients and the public in research across different phases of the research cycle from setting the research agenda to interpreting data and disseminating the results. The program offers funding and facilitation of these PPIE activities and is evaluated by the Institute for Advanced Studies (IHS). While the relevance of participatory research gets less contested and is increasingly reflected in research strategies and funding schemes, there is not the same amount of institutionalized experience in facilitating and funding such approaches. The latter also applies to the evaluation of such funding programs and there is currently no "common sense" on which dimensions results should be evaluated. Should the focus of the evaluation be the same as in common research funding programs, or are e.g. the supported exchange processes between stakeholders more than a means to an end (e.g. scientific excellence), which should therefore also be included in the evaluation? In the contribution we will present the rationale of the PPIE program and its evaluation together with some results of the first funding round. From this point we will move to the challenges regarding the evaluation, the funding and the facilitation of participatory research activities. The reflection of these three aspects is carried out cooperatively by the program owner (LBG OIS Center) and the evaluators (IHS).

Keynotes, Panels, Sessions

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SESSION Q

14:00-15:30

TRANSFORMATION VI - SOCIETAL CHALLENGES

SESSION Q

Jordi Molas-Gallart Chair
INGENIO

Angela Wroblewski Discussant
IHS - Institute for Advances Studies

BUSINESS STAGE 1.1

SESSION Q

14:00-15:30

Challenge-driven evaluation: policy evaluation for societal challenges

Amber Guerts
Rathenau Instituut

Vincent Baarslag
Rathenau Instituut

Challenge-driven innovation policies place societal challenges and transitions at the center of the focus and goal of innovation policy. This new genre of innovation policy not only requires new approaches in agenda-setting, programming, implementation and management, but also requires a renewed view and practice of monitoring and evaluation. In this paper, we focus on the usefulness and necessity of a different view and way of monitoring and evaluating challenge-driven R&I policy (the why) and its implementation (the what and how) – which we term challenge-driven evaluation. We base our results on an in-depth literature review and on semi-structured interviews with policymakers involved in developing evaluation schemes for different societal challenges in the Netherlands. Based on these sources we will first map out the challenges, potential pitfalls and design requirements for monitoring and evaluation of challenge-driven innovation policies. Next, we outline routes to arrive at an appropriate and future-proof monitoring and evaluation framework for societal challenges and transitions that might meet these requirements.

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SESSION Q

14:00-15:30

The evolution of scientific knowledge trajectories towards increasing transformative potential of the UN Sustainable Development Goals

Oscar Yandy Romero Goyeneche
Utrecht University centre for Global challenges

This article develops a conceptual mapping tool to investigate the transformative potential of scientific knowledge production. Such transformative potential relies on the capability of knowledge systems for contributing to the implementation of the United Nations Sustainable Development Goals (SDGs). We investigate the processes behind the development of knowledge trajectories related to the SDGs using Utrecht University as a case. Our results reveal potential mechanisms for stimulating the development of knowledge trajectories by considering the interlinkages of societal actors, knowledge domains, and SDGs.

A Monitoring, Evaluation and Learning framework for an innovation portfolio approach addressing transformative change in climate change. The case of EIT Climate-KIC

Cristian Matti
EIT Climate-KIC & Utrecht University

Carla Alvial Palavicino
Climate-KIC

This paper presents the key aspects of a Monitoring, Evaluation and Learning framework guided by the Blue Marble Evaluation principles. The framework address transformative change in climate change by considering a multi-stakeholder, multi-scale, multi-platform approach implemented through innovation portfolios. By focusing on the case of the Climate-KIC's Monitoring Evaluation and Learning (MEL), this study presents three interrelated impact pathways perspective aimed to provide new lenses to a range of activities that span different levels ranging from the very local or regional level to pan-European activities by pursuing an innovation portfolio approach that goes beyond one innovation domain and single point intervention. It highlights the contribution and lesson learn on the application of innovation portfolios – and portfolio orchestration – as an approach to that enable the exploration of alternatives and connections and for testing the way forward towards system innovation in climate change.

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SESSION R

14:00 -15:30

TRACKING IMPACT PATHWAYS

SESSION R

Wolfgang Polt
Joanneum Research
Chair

Patrick Lehner
Ludwig Boltzmann Gesellschaft Open Innovation in Science Center
Discussant

SOLEIL'S socio-economic impact study.
Measuring learning effects at the micro- and meso-analytical levels

Sandrine Wolff
Université de Strasbourg

Moritz Müller
BETA, University of Strasbourg

The proposed contribution deals with the evaluation of the socio-economic impacts of a very large research infrastructure, SOLEIL (the French national synchrotron facility), as part of a collaborative research project between the management of SOLEIL and a team of researchers from the BETA laboratory (Bureau d'Economie Théorique et Appliquée) running since end 2019.
The work in progress proposes on the one hand to define a new and original reference framework to map the different types of socio-economic effects (outputs, outcomes, impacts) generated by this research infrastructure, highlighting in particular the learning effects caused by the activity of different actors interacting along SOLEIL's various activities. On the other hand, some of these effects (e.g. on SOLEIL's specialized

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SESSION R

14:00 -15:30

suppliers, on the evolution of research networks, on the creativity of research, on user research communities, on industrial users, ...) are the subject of a series of specific evaluation studies conducted or coordinated by BETA, based on evaluation methods especially developed for the study and/or combining in an original way different methods already applied to other research infrastructures. This work will also serve as a basis for an ex-ante study of SOLEIL's socio-economic impacts before a large forthcoming upgrade of the accelerator.

Effectiveness and Efficacy of R&D Subsidies. Estimating Treatment Effects with One-sided Noncompliance

Philipp Böing
ZEW – Leibniz Centre for European Economic Research

Bettina Peters
ZEW – Leibniz-Zentrum für Europäische Wirtschaftsforschung

In evaluating the effectiveness of R&D subsidies, the literature so far has completely neglected the possibility of misappropriation of public funds. This paper contributes to the literature by identifying misappropriation and evaluating the causal effect of R&D subsidies on R&D expenditures when monitoring is weak and misappropriation takes place due to moral hazard behavior. Our analysis is based on Chinese firm-level data for the period 2001-2011. Misappropriation is a major concern as we calculate that 42% of grantees misused R&D subsidies, corresponding to 53% of the total amount of R&D subsidies. Due to one-sided noncompliance to funding contract rules, we differentiate between the intention-to-treat (ITT) effect and the complier average causal effect (CACE). The ITT shows how effective the R&D policy is in practice when misappropriation exists. The CACE, in contrast, depicts how effective it could have been without misappropriation and thus is a measure for the efficacy of the R&D subsidy policy. Combining entropy balancing and IV methods, the ITT estimates show mild partial crowding out of private R&D expenditures. Most strikingly, however, the CACE turns out to be more than twice as large as the ITT and confirms additionality of R&D subsidies. Thus, misappropriation of public funds considerably undermines the efficacy of Chinese R&D programs.

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SESSION R

14:00 -15:30

Toward policy evaluation from R&D program group evaluation

Jinwon Kang
KERC/KISTEP

In Korea, ongoing government R&D programs are sometimes evaluated as a group. Evaluating multiple government R&D programs with very similar goal in the same evaluation framework is for drawing overlapping or linkage between relevant programs. In light of this purpose, this program group evaluation has a potential to naturally become policy evaluation, and its first step is to analyze and evaluate the programs in the group not at a program level but at a program group level.
The reason of this study is to find problems as program group level evaluation in the current government R&D program group evaluation system in Korea, which has been more than 10 years since 2008. By using meta-analysis on the previous evaluation reports on government R&D program groups, it is uncovered that only relevance is evaluated at program group level evaluation in most cases among the four general R&D program evaluation issues in Korea: relevance; effectiveness; efficiency; and systematic nature, while the other three are mainly evaluated at program level. Especially, efficiency issue is found not to even be set as an evaluation issue in most cases of program group evaluation. The employed meta-analysis framework is derived through relevant theory and its pilot application.
A solution for program group evaluation to be policy evaluation is discussed regarding the application of new framework of program group evaluation to a specific research program group.

The impact of Responsible Research and Innovation (RRI).

A co-created template with a compilation of the scientific, societal and economic impacts of RRI

Merve Yorulmaz
Fraunhofer Institute for Systems and Innovation Research ISI

Susanne Bührer-Topçu
Fraunhofer Institute for Systems and Innovation Research ISI

The impact orientation of research funding is growing, and the next Framework Program Horizon Europe is also taking this route. Our poster will show how the policy concept RRI and related approaches are supposed to offer added value to scientific research processes and technological development and which indicators and descriptors might be useful to demonstrate and measure the changes and benefits induced by (implementing) RRI. The poster will present the results of a so-called Pilot Action in the field of impact measurement. A Pilot Action is a bottom-up social experiment designed to address specific societal challenges, aimed at practical implementation. It was organized in the context of the H2020 funded project NewHoRRIzon and dealt with the question of how the benefits of RRI can be defined and empirically collected at project level. For this purpose, an international and transdisciplinary core group of 10 committed stakeholders from academia, education, science museums and business met over a two-year life span and at the end of the process developed a multi-page template that helps to capture possible short-, medium- and long-term impacts of an RRI project in the three main categories of economic, scientific and societal/democratic benefits. Its usage goes beyond monitoring and evaluating purposes at the end of a project since the broad lists of indicators can provide project managers with guidance and inspiration in the early design or implementation phase of a project.

CITY STAGE

SESSION S

14:00 -15:30

RESEARCH EVALUATION: PERSPECTIVES OF THE NEXT GENERATION

SESSION S

Julia Melkers
School of Public Policy
Georgia Institute of Technology

Chair

Philippe Larédo
Institut Francilien, Recherche, Innovation et Société / Université Paris-Est Marne La Vallée (IFRIS and LISIS) | MIoIR, University of Manchester

Discussant

Andreas Albiez
Student of the Master Programme Science-Technology-Society at the University of Vienna

Katie Marchese
Student and Research Assistant at Georgia Tech, School of Public Policy and ROCS Lab

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SESSION S

14:00 -15:30

Íngrid Marin
Student of the Master Programme
Science-Technology-Society at the
University of Vienna

Rena Marrotta
Student of Georgia Tech,
School of Public Policy and ROCS Lab

Georgie Moore
Student of the Master Programme
Science-Technology-Society at the
University of Vienna

Lydia Wiederholt
Student of Georgia Tech, School of
Public Policy and ROCS Lab

A major goal of the fteval Platform is to bring together multiple perspectives in science policy making, its implementation and in the evaluation of designs, processes, achievements and impacts. This also includes higher education. We would like to take the occasion of the conference to invite students to share their perspectives on research and higher education in context of the challenges of our time and the transformation towards sustainability our societies will have to manage.
Therefore, we would like to invite three students of the School of Public Policy at Georgia Tech and bring them together with three students of the local STS Masters Programme at the University of Vienna. These three duos will have the mission to gather insights at the REvaluation Conference to find answers on the following questions:

- What types of questions are addressed in the research evaluation community?
- What methodological approaches are used, and with what challenges?
- Are there any particularly creative or innovative approaches to research evaluation that is developing in the community?
- From the insights you gained above: Put yourself in the position of a policy maker or programme owner! What science or innovation policy or programme would you like to launch yourself and how would you know that it was successful?

MULTIMEDIA STAGE
[PLENARY]

PANEL 1

15:30

From technology to transformative RTI policy – Austrian Mission "Climate Neutral City" as a practical example

Mathias Mitteregger Moderator
austriatech

Michael Dinges
AIT Austrian Institute of Technology, GmbH

Stefanie Margraf
Projektträger Jülich GmbH

Margit Noll
CEO EU-Partnership Driving Urban Transitions / FFG

Susanne Meyer
Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK)

Volker Schaffler
Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK)

Bring Transformative Innovation Policy into action and link it with Technology-oriented Innovation Policy is still a challenge for national and regional ministries and agencies. There is a sense of urgency to direct RTI policies to twin transformation, to mobilise new actors to the innovation ecosystem and to coordinate across policy domains. The Austrian Ministry of Climate Action will provide input on what measures are set to bring transformative innovation policy into actions using the practical example "Austrian Mission Climate Neutral City". The Austrian Mission "Climate Neutral City" was set up in 2021 and has the ambition to go far beyond the RTI agenda. It is clear that the Mission will have a huge impact on the future governance of Austrian cities as well as

Keynotes, Panels, Sessions

Day 2: Friday, May 6

"How we will design our national framework for a climate-neutral Austria in 2040". The panel discussion will focus on the needs for monitoring and evaluation for such newly designed policy framework for transformation.

MULTIMEDIA STAGE
[PLENARY]

16:30

Wrap up & Closing of Conference

Philippe Larédo
Institut Francilien, Recherche, Innovation et Société / Université Paris-Est Marne La Vallée (IFRIS and LISIS), MIoIR, University of Manchester

Isabella Wagner
fteval – Austrian Platform for Research and Technology Policy Evaluation

List of Contributors

alphabetical order

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A

Andreas Albiez

Student of the Master Programme Science-Technology-Society at the University of Vienna

Andreas Albiez is a master's student of Science and Technology Studies at the University of Vienna. He aspires to contribute his expertise in qualitative research methods to improve risk assessment in an increasingly unpredictable world. His main research interests are democratization and sustainability.

Carla Alvial Palavicino

EIT Climate-KIC

Carla works as Monitoring, Learning and Evaluation Analyst at EIT Climate KIC, developing new approaches to understand the impact of systemic innovation in sustainability issues. Previously she has worked in academia and the public sector, in areas related to sustainability, innovation policy and anticipation.

Julia Bachtrögler-Unger

Austrian Institute of Economic Research (WIFO)

Julia Bachtrögler-Unger is an economist at WIFO and has been working in the Research Group "Structural Change and Regional Development" since 2018. Her research focuses on regional and urban economics, in particular the analysis of economic policy measures in the regional context, regional development and convergence. Recent research activities involve national and international research projects dealing with the analysis of EU cohesion policy at the micro- and small-scale level.

Vincent Barslaag

Rathenau Instituut

At the Rathenau Instituut, Vincent researches the societal impacts of Science, Technology and Innovation. Currently, he is looking at ways in which STI policy can contribute towards solving societal challenges such as climate change and sustainability.

B

Matthias Benda

BMDW - Austrian Federal Ministry for Digital and Economic Affairs

Matthias Benda is a policy expert at the Federal Ministry for Digital and Economic Affairs (BMDW). His areas of competence include budget planning and controlling, managing the cooperation between the BMDW and the Austrian Research Promotion Agency (FFG), as well as design and financing of the COMET program.
Matthias Benda holds a degree in mechanical engineering (Vienna University of Technology, 1997). After graduating, he worked for Steyr Antriebstechnik AG, and he has been with the BMDW in the field of research and innovation policy since 1998.

Michael J. Bernstein

AIT Austrian Institute of Technology, GmbH

Michael Bernstein (Ph.D., male) is a scientist at the AIT Austrian Institute of Technology and Assistant Research Professor at Arizona State University. He applies descriptive and participatory social science research methods to align research and innovation with long-term societal interests, like sustainability. He currently focuses on ethical assessment of new and emerging technologies for the EC-funded TechEthos project. In addition, he is developing foresight and strategic planning tools to support business innovation for social value (The Global KAITEKI Center). From 2017-2019 he served as a work-package leader of an EC-funded project to assess and advance responsible research and innovation across European R&I funding (NewHoRRIzon).

Philipp Böing

ZEW – Leibniz Centre for European Economic Research

I am a Senior Researcher with the ZEW - Leibniz Centre for European Economic Research in Mannheim, Germany. I am interested in the empirical analysis of issues related to the economics of innovation, in particular policy evaluation, patent indicators, productivity and import competition. My work is characterized by the combination of unique micro data, econometric analysis, and methodological advancements. Since one and a half decades I have regularly visited China and East-Asia. My current research agenda is concerned with China's development towards an innovation-driven economy and the impact of this on Europe. Based on my research I have provided policy advice, e.g. to the World Bank and the German Commission of Experts for Research and Innovation (EFI). I stayed with Peking University for two years as a Visiting Assistant Professor and I am a Research Affiliate with IZA - Institute of Labor Economics and a Fellow with Tsinghua University.

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B

Susana Borrás

Department of Organization at Copenhagen Business School (CBS)

Susana Borrás is Professor at the Department of Organization at Copenhagen Business School (CBS), Denmark. She holds a Masters Degree (UAB, Barcelona) and PhD Degree (EUI, Florence) in political science and sociology. She conducts research on the interaction between governance and innovation. As a social scientist, her leading questions are: what can governments do to foster socio-technical innovation?, and how research and innovation policy can be designed to more problem-solving in order to address grand challenges? Governmental action is always embedded in a governance and organizational context ; for that reason questions about what drives socio-technical systems' change towards sustainable solutions, what are the forms of social legitimacy and learning processes of socio-technical transformations, and what is the organizational capacity for socio-technical transformations, are of her primary interest.
Over the last two decades Susana Borrás has advised governments and institutions at international and national levels on matters of research, technology and innovation policy. Among other, she is currently member of the Danish Academy of Technical Sciences (ATV) (actively engaged in ATV's Science and Engineering project), and member of the executive committee of EU-SPRI Forum (for studies of research and innovation policy).
She is currently in the advisory board of seven international peer reviewed scientific journals. She teaches at all levels of university education (from 1rst year university students to PhD students), and is actively engaged at various study programs at CBS.

André Brasil

Leiden University, Centre for Science and Technology Studies (CWTS)

André Brasil is a PhD researcher at CWTS, Leiden University, and a Brazilian Federal Government officer, working for CAPES – the agency in charge of evaluating research and graduate education in the country. He conducts inter and transdisciplinary research focused on bringing evidence to the policymaking process, especially around funding practices and research evaluation.

Alfried Braumann

Wirtschaftsagentur Wien

Alfried is responsible for Economic Policy and European Affairs at the Vienna Business Agency, the Austrian capital's economic development agency. In this role, he initiates projects ranging from the street-scale to the European level, covering analytical, strategic and political issues. He is actively involved in the formulation and implementation of several Vienna development strategies, including the Smart City Framework Strategy, the Economy & Innovation Strategy and the city's Urban Development Strategy. Alfried holds Master's degrees in economics and urban development and is currently working on his PhD, focusing on location factors and location decision theory. He is a lecturer at the BFI Vienna University of Applied Sciences. Previous work engagements include the Austrian Parliament, the OECD and the Vienna University of Economics and Business.

B

Matthieu Brun

Bpifance

Matthieu Brun works as a microeconomist at Bpifrance where he is in charge of the Evaluation unit within the Department of Studies. He would formerly work as an economist at the Bank of France and in a private fund aiming at financing SMEs. His area of study is focused on public policy evaluation and corporate finance.
Bpifrance's Evaluation unit produces econometric studies aiming at assessing the impact of Bpifrance's support to French SMEs. This work is conducted either by external researchers, by the members or the unit themselves or both, always under the supervision of a scientific committee composed of independent academics and specialists of public policy evaluation.
Bpifrance's support programs to SMEs include innovation grants and subsidies, banking loan guarantee schemes, investment loans, capital investment, and non-financial support programs such as counselling, training or networking.

Billy Bryan

Technopolis Group | UK

Dr Billy Bryan is a senior consultant at Technopolis-Group. He has experience in research and innovation policy, higher education, and international development evaluation. He has made a significant contribution to the process evaluation of UKRI's research response to COVID-19, which involved survey analysis, process mapping and interviews. He is now creating an evaluation framework for the UK department of Business, Energy and Industrial Strategy's (BEIS) economic and research response to COVID-19. He was a core team member on the Wellcome Trust study on scientific decision making where he conducted interviews with key figures to map and critique decision making processes at all levels. He conducted similar work as part of a team supporting the design of Formas' scientific management, involving decision making pathway mapping. He is a Fellow of the UK Higher Education Academy and is independently researching the 'value of the PhD in the modern knowledge economy', publishing academic and media articles on the issue. He is a Trustee at Sussex Students' Union and sits on the external advisory board of the Cardiovascular Research Trust.

Susanne Bührer-Topçu

Fraunhofer Institute for Systems and Innovation Research ISI

Dr. Susanne Bührer has been employed at Fraunhofer ISI in Karlsruhe since 1996, and has been the Coordinator of the Business Unit Societal Change and Innovation since 2010. Before starting work at the Fraunhofer Society, she studied politics, sociology and history at the University of Stuttgart (Master of Arts) and completed her PhD at the Mannheim Centre for European Social Research as part of a research project on "Migration potentials".
Susanne Bührer has worked in the field of research and innovation policy for many years with a focus on program evaluations and human resources. As a project manager at Fraunhofer ISI, she has a wide range of experience working on and managing third party-funded projects for national and international clients. As well as the evaluation of the BMBF Framework Programmes FONA 1 and FONA 2 (BMBF, 2018-2020), the BMBF's SILQUA-FH funding program (social innovations for quality of life in old age, 2015-2016), she has worked on the evaluation of the Austrian research

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funding organizations FFG and aws (Austrian ministries bmvit and bmwfw, 2016-2017). She is also involved in different projects in the field of RRI (Responsible Research and Innovation), for example MoRRI (Monitoring the evaluation and benefits of RRI, 2014-2018), SUPER-MoRRI (SUPER MoRRI – Scientific understanding and provision of an enhanced and
robust monitoring system for RRI, 2019-2024) and EFFORTI (Evaluation framework for promoting gender equality in research and innovation, 2016-2019).
Her specialized research fields include program evaluations, monitoring the evaluation of institutional funding measures, the topic of gender and innovation, and responsible research and innovation issues.

Lasse Bundgaard

LISIS, Université Gustave Eiffel

Lasse Bundgaard has carried out his PhD at the Department of Organization, Copenhagen Business School, which he is to defend this autumn. His PhD was supervised by professor Susana Borrás and investigates the development of Smart City solutions. The thesis specifically explores the public-private innovation partnerships involved in developing urban solutions to the challenges posed by climate change, increased urbanization, and a pressure on scarce resources. More concretely, he has investigated the diverse organizational aspects of scaling up and public value creation. Currently, Lasse is a post-doctoral researcher at Université Gustave Eiffel in Paris, where he studies Transformative Innovation Policy at city-level as part of a project attached to LISIS (Labotoire Interdisciplinaire Sciences Innovations Sociétés).

Vladislav Čadil

Technology Center at CAS

Vladislav Čadil holds a PhD in regional and political geography from Charles University in Prague. He specialises in the evaluation of research and innovation policies and programmes, impact evaluation and regional dimension of innovation processes. He has coordinated projects evaluating innovation policies at both national and regional levels; and also participated in several national as well as international projects and studies focused on research policy and programmes evaluation, regional innovation policies and science-industry collaboration.

Caroline Chandler

Ipsos UK

Caroline Chandler is a Senior Consultant in the Evaluation team at Ipsos. She holds a Master's degree in Global Politics and Law from the University of Sheffield, where her thesis looked into the application of intellectual property law to agricultural practices (particularly with regard to the application of patents to traditional knowledge) under international law. Caroline has led a number of evaluations and research projects for European and international institutions, including for the European Commission, the European Parliament, the Council of Europe and the World Bank.
She has extensive experience in mapping complex systems, working with public-private-partnerships and analysing both policy and market developments (including tracing the impacts of policy decisions along the supply chain). She has a strong interest in European food R&I policy,

D

and has carried out research into the carbon footprint of city-level food systems as well as options to promote eco-innovation in food systems through public procurement. In 2015, she provided expert inputs into the revision of the European green public procurement criteria for food and catering. Caroline is currently leading on a comparative study mapping levels of investment into food systems R&I across Europe.

Eleonora Dagienė

Leiden University, Centre for Science and Technology Studies (CWTS), Mykolas Romeris University

Eleonora Dagienė, an external PhD candidate at the Centre for Science and Technology Studies (CWTS, Leiden University, the Netherlands) and an affiliate of Mykolas Romeris University (Lithuania), is known for her activity in academic publishing over the past decade. She directed the Vilnius Gediminas Technical University (VGTU) Press, served on the Crossref Board, and led the Association of Lithuanian Serials.

Eleonora's PhD research explores the intersection of academic publishing and research assessment, delving into quantitative metrics-based research assessment and its unforeseen consequences. Initially, her work focused on the process of book evaluation. After investigating the practicalities employed to determine the prestige of scholarly book publishers across countries, Eleonora proposed to assess not only the quality of the research presented in books but also such related issues as digital formats and long-term preservation.

In her ongoing doctoral work, Eleonora has pursued a qualitative analysis of Lithuanian research assessment policies, conducted interviews, and explored quantitative indicators. She has sought to identify drivers and barriers in applying national research assessment tools and to account for the still-low level of internationalisation of Lithuanian research.

Gemma Derrick

University of Bristol

Gemma's research concentrates on science and innovation policy and its impacts. These include on the health system, the culture of academic, knowledge production and universities more broadly. She also conducts research into the evaluation of competing notions of research excellence in academia, including scientific impact, societal impact and interdisciplinary.

She specialises in evaluation systems in academia, in particular, peer review, research evaluation frameworks and university audit exercises. This includes the UK's Research Excellence Frameworks and similar conceptualisations in other countries within Europe, the US and Australia, especially for the health and medical research fields. She is also focused on the types of cultures the proliferation of these evaluation systems leave behind, how this influences how researchers work, and the types of knowledge produced.

Currently, Gemma is also involved in research investigating the role of gender and work-life balance in the productivity and reward systems of research; as well as the influence in bias within evaluation processes. Gemma is also a leading member of the COMbINE network (Complementary Methods in Evaluation Research). She is also a UK-representative for the Eu-COST Action ENRESSH (Evaluative Research in the Social Sciences and Humanities), as well as serving on the Steering Committee for the World Health Organisations Evidence Informed Policy Network (WHO EVIPNet) with special responsibilities for Monitoring and Evaluation, as well as Advocacy and Impact. In addition, Gemma has also been the Section Editor for Health and

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Research Policy for the journal PLOSOne since 2011. She has been a past holder of the ESRC Future Research Leader Fellowship, as well as the British Academy Rising Star Engagement Award.

Anna Deutschmann

AIT Austrian Institute of Technology, GmbH

Anna Deutschmann is a social scientist working at the Centre for Social Innovation, Vienna. She studied in Marburg and Frankfurt and earned her PhD at the University of Bayreuth. Her research interests include social movements, political transformations and sociology of education. She lectures at the University of Vienna at the Department of International Development and the Department of Education.

Michael Dinges

AIT Austrian Institute of Technology, GmbH

Michael Dinges is Senior Expert Advisor and Thematic Coordinator at AIT Austrian Institute of Technology, Center of Innovation Systems and Policy. He graduated in economics from the University of Vienna in 2003. Michael has long-lasting experience in designing and managing evaluations, impact assessments and research and consultancy projects at European and national levels in the area of research and innovation policies. In his research, Michael focuses on the role of research and innovation policies in supporting economic and societal transformation and the use of evaluations, impact assessments and foresight as means to support these processes. Among other projects, he currently leads the accompanying evaluation of the 7th Energy Research Programme in Germany.

Renée van Dis

French National Research Institute for Agriculture, Food and the Environment (INRAE)

Renée van Dis is a third year PhD student in sociology at the French National Research Institute for Agriculture, Food and the Environment (INRAE), at the Laboratory for Interdisciplinary Science, Innovation and Society (LISIS) in France. She is part of the ASIRPA team which develops tools and methods for real-time impact assessment of agronomic research. She conducts her thesis as part of ASIRPA's real-time work in the French mission-oriented research program 'produce and protect differently' (PPR-CPA), which aims for a zero-pesticides agricultural future in France. Her focus is on the responsibilisation of research through envisioning desired future transformations. Originally from the Netherlands, she holds a MSc in Organic Agriculture from Wageningen University, Netherlands, and a master in History of Science, Technology and Society from EHESS in Paris, France. Prior to her PhD, she worked for three years at the Food and Agriculture Organization of the United Nations (FAO) in Rome, Italy, as part of the team on Agroecology.

D

van Drooge Leonie

Centre for Science and Technology Studies (CWTS), Leiden University, Netherlands

Leonie van Drooge is senior project manager at the Centre for Science and Technology Studies (CWTS). Her expertise is the governance, organization and evaluation of research. She has worked with and for research performing organisations, such as universities and public knowledge institutes; research funding organisations, including charities; and research enabling organisations, in particular research infrastructures. Her interest extends to societal aspects of research and includes mission oriented research.
Leonie has studied Chemistry and Science Studies at the Universities of Amsterdam and Manchester. She has taught Chemistry and Society, has been involved in the Science shop movement and has worked as a technology transfer officer. Before she joined CWTS, she worked for the Rathenau Instituut. She was in charge of projects including ERiC, Evaluation Research in Context, and SIAMPI, the FP7 project known for introducing the notion of productive interactions. Leonie has extensive knowledge of evaluation practices. She is a long term member of the Workgroup responsible for monitoring and development of the Dutch strategic evaluation protocol, SEP.

Tobias Dudenbostel

Technopolis Group | Austria

Tobias Dudenbostel is Senior Consultant in the Viennese office of Technopolis. He has more than seven years of experience working on evaluations, impact assessments and policy studies for national and European clients. Much of Tobias work focusses on research and innovation policy, intellectual property as well as on communication. Moreover, he is a lecturer at the FH Salzburg.
In Austria, Tobias participated in the evaluation of Frontrunner and currently works on the evaluation of the COMET-programme. He also evaluated the entrepreneurship programmes of the Ludwig Boltzmann Gesellschaft's Career Center. In Germany, Tobias evaluated the Philipp-Schwartz-Initiative for the Alexander von Humboldt-Foundation (Germany), a programme dedicated to supporting researchers at risks. In the area of intellectual property, Tobias evaluated several programmes fostering the use and awareness of IP and currently conducts a study on IP support measures for SMEs in Switzerland for the Swiss Institute for Intellectual Property. In regard to evaluation of communication activities, he is evaluating the Vienna UP'21, a Start-up Festival coordinated by the Vienna Business Agency.

Brigitte Ecker

WPZ Research

Brigitte Ecker, Managing Director of WPZ Research, studied business administration at the Johannes Kepler University Linz, where she received her doctorate with distinction in 2003. After several years working in the business sector, she joined Joanneum Research – Centre for Economic and Innovation Research Vienna in 2004. In 2013 Brigitte Ecker joined the Institute for Advanced Studies (IHS) in Vienna, where she was head of the research group "Innovation, Education and Sustainability" from 2014 on. In summer 2016 she founded WPZ Research. Brigitte Ecker is also Consultant at the Institute for Innovation and Technology (iit) in Berlin, as well as Lecturer for Innovation and Technology Management at the UAS Technikum Wien and St. Pölten.

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Her focus of work is on evaluation of RTI policy, analysis of innovation systems and strategies, foundation of innovative companies, industry-science cooperation, science and university research, and higher education governance.

Jakob Edler

Fraunhofer Institute for Systems and Innovation Research ISI and MIoIR, University of Manchester

Jakob Edler is Executive Director of the Fraunhofer Institute for Systems and Innovation Research ISI. Formely professor of Innovation Policy and Strategy at the Alliance Manchester Business School and Executive Director of the Manchester Institute of Innovation Research (MIoIR) he was engaged in one of the largest academic innovation centres worldwide with 40 staff members and 40 PhDs. Jakob's research interests lie in the analysis and conceptualisation of governance and policy in science and innovation. He works on the evaluation and impact of science and innovation policy, and is currently leading an EU funded database development and analysis on evaluation practice in science and innovation policy (SIPER) as well as an executive education course on STI policy evaluation. A more recent research interest, funded by the Norwegian Research Council, is the conceptualisation and analysis of the impact of science on policy making (OSIRIS). His major focus in recent years has been on demand side innovation policy and public procurement of innovation. Jakob has also published on the conceptualisation of governance of socio-technical systems and governance of responsible research and innovation as well as on internationalisation of research and innovation activities and related governance and policy issues. Jakob is elected member of the German National Academy for Science and Engineering (Acatech), member of the Austrian Council for Research and Technological Development and member of the Royal Society for the Encouragement of Arts, Manufactures and Commerce. Since June 2016 Jakob is President of the association of 17 institutes in research and innovation policy EU-SPRI FORUM.

Max Fochler

University of Vienna, Department of Science and Technology Studies

Maximilian Fochler is associate professor and deputy head of the Department of Science and Technology Studies. His main research area is science and knowledge cultures. His recent research work focuses on forms of knowledge production at the interface of science and other societal domains (such as the economy), as well as on the impact of new forms of governing science on academic knowledge production.
From 2011 to 2014, his APART-project "Living and working in the hothouses of innovation" studied how people live, work and produce knowledge in hybrid spaces at the interfaces of academia and business, such as for example biotech startup companies. Focussing on the life sciences in the Vienna region, Max Fochler was particularly interested how the specifics of place and local context come to matter in these new contexts of producing knowledge and innovations. In the framework of this project, he worked as a guest researcher at Oslo University and the Berlin Social Science Centre.
The Apart project continued a long standing interest in the changing cultures of living, working and producing knowledge in the life sciences, and in the social and ethical dimension of these changes. During his PostDoc in the project "Living Changes in the Life Sciences", Max Fochler had the opportunity to study these changes in the academic life sciences in Austria.

F

During his PhD, he worked on several projects which focussed on the relations between science and society, in the life sciences and beyond. His PhD thesis, entitled „Participating in which kind of governance?" dealt with citizen perspectives on the concepts of governance and public participation in the life sciences. It has been awarded the "Award of Excellence" for the best Austrian dissertations by the Federal Minister of Research in 2008.
Maximilian Fochler has had the opportunity to contribute to the establishment of the new master programme Science-Technology-Society, for which he is responsible as Deputy Director of Studies from 2014. Together with colleagues, he received the University of Vienna teaching award for the development of a case based learning approach in the basic modules of this program.

Elisabeth Frankus

IHS - Institute for Advances Studies

Dr. Elisabeth Frankus holds a PhD in Sociology and a Magister in Sociology and Educational Sciences and is working as senior researcher at the Institute for Advanced Studies (IHS) since April 2015. She previously worked in the field of adult education (2004-2011) and security research (2012-2015) and is teaching at different universities in Austria since 2010. She is involved in national and European projects connected to topics such as Responsible Research and Innovation (RRI) and Virtual Reality (VR). Beside the conduction of participatory, qualitative methods and ethical as well as diversity connected reflections, she is also responsible for the evaluation of projects and program lines. As a scientist, trainer and coach, she follows a co-creation approach in the development of new technologies, which includes a strong involvement of various stakeholders (human-centered design). See https://www.ihs.ac.at/ru/science-technology-and-social-transformation/people/Elisabeth-Frankus/ for more information about her current research.

Luke Georghiou

University of Manchester

Professor Luke Georghiou is the University of Manchester's Deputy President and Deputy Vice-Chancellor. From 2010 to 2017 Luke was responsible for the University's research strategy and its implementation and doctoral training. Among other duties he continues in his new role to be responsible for business engagement and commercialisation activities. He is active in research and policy advice to governments and business. Luke is currently a member of the Board of Directors of Manchester Science Partnerships, the UK's largest science park company and a Non-Executive Director of the Manchester University NHS Foundation Trust. Since 2016 he has chaired the Steering Committee of the European Universities Association Council for Doctoral Education. He was elected to the Academia Europaea in 2011. He has published extensively on research and innovation policy and management in leading outlets. He holds a PhD (1982) and BSc from The Victoria University of Manchester.

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Amber Guerts

Rathenau Instituut

Amber focuses on the social impact of innovation, technology and knowledge ecosystems. She works on questions concerning mission-oriented innovation policy in the Netherlands and Europe. After studying sociology and arts & culture studies at Erasmus University Rotterdam, Amber obtained her PhD in 2017 at the Business school of the University of Groningen on the subject 'firm responses to disruptive innovation: evidence from the music industry'. Her thesis has won the 2018 ISPIM best dissertation award. As a postdoctoral researcher at Aalto University in Finland, she conducted further research into disruptive innovation, exploring AI in materials science. To do so, she conducted research in Finland, Germany, Switzerland, Denmark and the United States. Amber has published her research in several journals including Advanced Science, Journal of Cross-Cultural Psychology, Technological Forecasting & Social Change and Technology Analysis & Strategic Management.
Since 2019, Amber has been working at TNO, unit strategy and policy, where she was involved as a researcher and consultant in various projects focusing on mission-oriented innovation policy, key enabling technologies, smart industry, AI-supported innovation foresight and evidence-based policy making.

Richard Heidler

Deutsche Forschungsgemeinschaft

Director for Programme Evaluation

After completing his studies of sociology at the FU Berlin in 2006, Richard Heidler worked as junior researcher at the German Research Institute for Public Administration (FÖV) in a DFG funded research group. He finished his PhD thesis about research collaboration networks in Astronomy at the German University of Administrative Sciences Speyer in 2010 and worked as a postdoc at the BUW and the University of Bamberg. His specialization includes sociology of science, research funding evaluation, data science and social network analysis. Since 2014 he works at the German Research Foundation as Director for Programme Evaluation.

Laurens Hessels

Rathenau Institute

Laurens Hessels is a senior researcher and coordinator research quality at Rathenaus Institute and a senior research fellow at the Centre for Science and Technology Studies (CWTS) of Leiden University, both in the Netherlands. Laurens researches science and innovation policies, both at the national and European level. He works on questions about knowledge co-creation, mission-oriented policies and societal impact of science. He also conducts research into the processes and mechanisms of knowledge valorisation and into methods and indicators for evaluating valorisation. As the coordinator research quality of the Rathenau Instituut, he contributes to the internal learning capacity by evaluating completed projects, exchanging knowledge within the institute and collaboration with universities. Laurens completed his PhD in 2010 at Utrecht University with a study into how university researchers deal with the practical applications of their work. He has also worked as a researcher with KWR Water Research Institute and as a policy advisor at the Ministry of Education, Culture and Science.

H

Harald Hochreiter

FFG - Austrian Research Promotion Agency

Harald is Senior Strategy Advisor at FFG, the Austrian Research Promotion Agency. Currently, his work focuses on innovation and transformation, sustainable development and he leads FFGs endeavour to become more experimental.
Haralds career in innovation policy began at Technologie Impulse Gesellschaft (TIG) managing a program to establish competence centers (Kplus). After the merger of TIG into FFG, Harald moved on and established a new inter-university research organisation, the Max F. Perutz Laboratories (MFPL), and led it as CEO from 2005 to 2010. After that he worked independently as an expert and consultant until he rejoined FFG in 2016.
Harald is a graduate of the Vienna University of Economics and Business Administration, he loves discovering spicy Asian food and has recently developed a new appreciation for exploring Austrian regions with his bicycle.

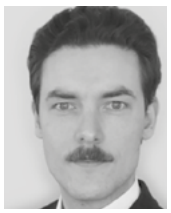
Tjitske Holtrop

Leiden University, Centre for Science and Technology Studies (CWTS)

Tjitske Holtrop is a postdoctoral researcher at CWTS in the SES research group. She studies the practices of evaluation: how are questionnaires made, what do numbers do, how are reports written or what happens in meetings? Trained as an anthropologist she studies how evaluation gets done, what kind of resources and people they mobilize, and what kinds of practices, collectives and ideas of accountability, change and quality they make possible. Her PhD project was about the evaluation of the Dutch civil-military mission in Afghanistan. Currently she is designing a project on experimentation in e/valuation.

Paul Hünermund

Strategy & Innovation at Copenhagen Business School



Dr. Paul Hünermund is an Assistant Professor (tenure-track) at the department of Strategy & Innovation at Copenhagen Business School. He studied economics at the University of Mannheim, HEC Lausanne and New York University, and obtained a Ph.D. in Business Economics from KU Leuven in Belgium. His research interests lie in the area of innovation, firm strategy, R&D policy and data science. Paul Hünermund is part of the editorial board of the Journal of Causal Inference and member of the executive team of the Technology and Innovation Management (TIM) division at the Academy of Management.

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Jürgen Janger

Austrian Institute of Economic Research (WIFO)

Jürgen Janger is Senior Economist at WIFO and has been working in the Research Group "Industrial Economics, Innovation and International Competition" since 2010 and is currently Deputy Director for research coordination (from 2018 on). His main research interests are in the economics of growth, science and innovation where he is investigating determinants of competitiveness and long-term growth, among them the relationship between innovation and education, innovation policy, measurement and efficiency, business-science links and research organisation as well as career structures in academic research. His projects deal with studies and evaluations at the regional, national and European level. In the FP7-funded research project "WWWforEurope" and in the EC-funded studies "Mobility of Researchers" he has looked at the competitiveness of European science. He obtained his MSc from the London School of Economics and his PhD from the Vienna University of Business Administration and Economics. Before joining WIFO in 2010, he worked with Kraft Jacobs Suchard (Mondelez International), the Institute for Industrial Research in Vienna and the Oesterreichische Nationalbank. He was a guest researcher at the OECD Economics Department and the University of Manchester. He is the author of numerous presentations and journal publications, such as Research Policy, Higher Education and Technological Forecasting and Social Change.

Matthijs Janssen

Copernicus Institute of Sustainable Development at Utrecht University; Dialogic

Matthijs is an innovation scientist with a MSc and PhD degree from Eindhoven University of Technology. Before joining Utrecht University's Copernicus Institute of Sustainable Development, where he is a tenured assistant professor now, Matthijs held a position as Growth Lab fellow at the Center for International Development – Harvard Kennedy School of Government.

For more than a decade now, Matthijs has been investigating and evaluating a wide variety of innovation policies. His current focus concerns the interface between industrial policy, (mission-oriented) innovation policy, and transitions. Based on his expertise in these fields, Matthijs regularly sits in expert committees tasked with the development and/or application of new frameworks and methods for evaluating novel types of innovation policies. Recent examples include his membership of a Dutch working group proposing evaluation methods for 'systemic and transformative policies' as well as his role as international expert in the evaluation of the Australian Industrial Growth Centre Initiative.

Apart from his affiliation at Utrecht University, Matthijs also works as a Principal Scientist at research and consultancy agency Dialogic (Utrecht). Over the past ten years he has (co)-authored around 40 reports. Many of the research projects Matthijs contributes to are commissioned by public authorities at regional level, national level (Ministries of Economic Affairs / Infrastructure and the Environment) or supranational level (OECD, European Commission).

J

Thyra de Jongh

Technopolis Group

Thyra de Jongh is a Principal Consultant at Technopolis BV, with over 18 years of experience in research and consulting. Her main areas of expertise are pharmaceutical legislation and innovation, medical research, health systems and policy analysis and global health. She has performed studies, programme evaluations and impact assessments for a range of organisations. This has given her a thorough grounding in research methods such as interviews, literature reviews, case studies, surveys and workshops.
Thyra joined Technopolis Group in 2014. Since then, her clients have included the European Commission, the World Health Organization, the European Centre for Disease Prevention and Control, numerous ministries and governmental agencies, research funders, non-governmental institutions and professional associations. She is currently the project leader for key projects in the areas of pharmaceutical regulation, vaccine communication, translational research and sexual and reproductive health. She was the project leader for the evaluation study for the EU Orphan Regulation for incentivising the development of medicines for rare diseases.

Raphaela Elisabeth Kaisler

Ludwig Boltzmann Gesellschaft Open Innovation in Science Center

Raphaela Kaisler is a psychologist with a multidisciplinary background in molecular biology and science communication. As a scientist, she worked in basic research in the field of cancer research, neuroscience and social psychology before she focused on project management in research organisations. Before joining the Ludwig Boltzmann Gesellschaft, she gained work experience as project manager at the Austrian Academy of Sciences (research service) and the interdisciplinary Cognitive Research Platform at the University of Vienna. Additional training in the psychosocial field and work with children and adolescents form the basis for her interface function at the Ludwig Boltzmann Society. As a Research Group and Relationship Manager, she supports the Research Groups on Mental Health of Children and Adolescents in establishing a partner network and bridging science and society in research processes. The focus is
on engaging the public, experts-by-experience in the field of mental health and other key stakeholders in research activities. The research program “Mental Health” is the continuation of the CRIS I project and aims to promote mental health of children and adolescents using open innovation methods to generate societal relevant impact by engaging with patients and family members in research.

Jinwon Kang

KERC/KISTEP

Dr. Kang received his Ph.D. in Science and Technology Policy from the University of Manchester. He has published academic papers and practical reports in the area of science, technology and innovation policy. His research has focused on S&T international cooperation and R&D evaluation. Before Dr. Kang joined Korea Institute of S&T Evaluation and Planning (KISTEP) from 2005, he was as a senior researcher at Korea Institute of Materials and Science (KIMS). He has worked for R&D evaluation center, innovation foundation division and international cooperation division and so on in KISTEP.

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He was also seconded to Presidential Advisory Council on Education, Science and Technology (PACEST) as a researcher and member in the specialized S&T committee from 2008 to 2010. Currently he is working as a seconded research fellow in the KERC (Korea-EU Research Centre), which is located in Brussels to improve the relation between EU and Korea in the Science, Technology Innovation area from the end of 2019 for 2 years.

Peter Kaufmann

KMU Forschung Austria/Austrian Institute for SME Research

Peter Kaufmann is senior researcher at the Austrian Institute for SME Research. He specialises in the evaluation of programmes and institutions in the areas of innovation and technology, regional development and environmental policy. He spent nearly ten years in England, where he studied also at SPRU, Science and Technology Policy Research at the University of Sussex, issues on the interplay of qualitative and quantitative methods to support impact evaluation practices as well as the diffusion of innovations. He has implemented projects for nearly all social-scientific research funds at the European level as well in England and Austria, and for various ministries in European countries and directorates of the European Commission. For the latter, he also served as an expert member to improve the evaluation practices in Member States. Beyond his research, he has more than 20 years of experience in the active implementation of policy and programme evaluations. Occasionally, he also acts as trainer for evaluation methods and approaches.

Christiane Kerlen

Kerlen Evaluation

Christiane Kerlen is founder and director of Kerlen Evaluation Ltd. Her key areas of expertise include evaluation design and development of tailored evaluation instruments, evaluation of research, technology and innovation (RTI) programmes and policies, evaluation of programmes and projects in foundations and private companies as well as analysis of the economic and technological potential of high-tech fields. Sectors specific expertise includes the ICT industry, space, aeronautics/aviation, electromobility, renewable energy, ports and the agricultural and food industry. Christiane Kerlen studied Industrial Engineering at TU Berlin, focusing on electrical engineering (communications technology), worked as a management consultant carrying out projects in business and organisation development, and then moved on to the Social Science Research Centre, Berlin, to focus on the role of consultants in organisational learning processes. She received her doctorate in 2002 from TU Berlin's sociology department. For ten years she worked at VDI/VDE-IT, Berlin. She was spokeswoman for the evaluation department of the Institute for Innovation and Technology, an independent organisational unit within VDI/VDE-IT. In 2011, Christiane Kerlen relocated to Edinburgh and has since worked as an independent evaluator and consultant setting up her own company in 2016. Christiane Kerlen was a board member (2011-2019) and vice president (2015-2019) of DeGEval, the German and Austrian Evaluation Society. She is also a member of UKES - the UK Evaluation Society and a member of the organising committee of its Evaluation Network Scotland (ENS).

K

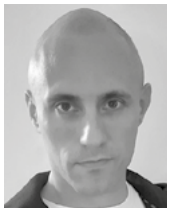
Jakob Kofler

KMU Forschung Austria / Austrian Institute for SME Research

Jakob Kofler joined the Austrian Institute for SME Research as researcher in August 2020. In his interdisciplinary academic formation, he particularly focused on economics of innovation, science technology and innovation policy as well as industrial and social policy. Jakob completed his most recent academic endeavour with a Master in Innovation, Public Policy and Public Value from the University College London. This builds upon his previous master's degree in economics from the Erasmus University of Rotterdam as well as his bachelor's degree in business, economics and social sciences from the Vienna University of Economics and Business. Before joining the Austrian Institute for SME Research, he worked on technology transfer and research projects, among others, for the Fraunhofer-Gesellschaft and the European Organization for Nuclear Research. His areas of work comprise evaluations in the national and international context as well as studies in science, technology and innovation policy.

Peter Kolarz

Technopolis Group | UK



Dr Peter Kolarz has extensive experience as project manager, report author and analyst on a broad range of evaluations, policy and impact studies. He specialises foremost in studies relating to research funding and research impact, notably including the social sciences, and ranging from small scheme evaluations to organisational and international systemic perspectives. He has further expertise in research for international development, innovation systems, evidence use for policymaking, social policy and design-driven innovation.

Most recently, Peter has carried out several cross-national comparative studies on various aspects of research and innovation funding systems (including for Wellcome, UKRI, Research England, Formas and the Global Research Council). He also carried out a major impact study of the European Social Survey (ESS) ERIC and had a managerial role in the foundation evaluation of the UK's Global Challenges Research Fund (GCRF). He also has extensive track in individual funding scheme evaluations, including for the Royal Society (UK) and the Swiss National Science Foundation.

Peter has 7 years of consulting experience with Technopolis, as well as 8 years' experience of teaching and research in higher education institutions. As well as having the full range of social scientific competence, Peter is an experienced communicator to academic and non-academic audiences alike. Outside of commissioned projects, he has presented on various elements of his expertise at academic conferences and in several policy settings, including at the German Data Forum (RatSWD), the UK's House of Lords and the OECD. As an experienced teacher and coach, he also leads the design and group-wide delivery of evaluation training courses for new entrants to the company.

Peter holds a doctorate in Sociology, a Postgraduate Diploma in Social Research Methods, an MA in Social and Political Thought and a BA in German and European Studies, all awarded by the University of Sussex. He is a Fellow of the Royal Society of Arts (RSA), an Associate Fellow of the Higher Education Academy (HEA) and a native speaker of English and German.

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Bastian Krieger

ZEW Mannheim & University of Luxembourg

Bastian Krieger is a researcher at ZEW's Research Department "Economics of Innovation and Industrial Dynamics" and a doctoral student at the Doctoral School of Economics and Finance at the University of Luxembourg. His research focus is on the empirical analysis of issues related to the economics of innovation. His current projects combine community innovation survey data with information on firms' public procurement awards, service trades, local universities, and publication activities to tackle a variety of research questions.
Bastian Krieger completed the double master programme in economics of the Justus-Liebig-University Giessen and the University of Wisconsin – Milwaukee. He participated in doctoral courses at the University of Mannheim as a visiting student and he is a guest researcher at the Research Data Centre of the German Federal Bank. In addition, he visited KU Leuven as a visiting scholar and gave lectures in microeconomics in Milwaukee and in statistics at the Corporate State University Baden-Württemberg.

Agnes Kügler

Austrian Institute of Economic Research (WIFO)

Agnes Kügler is Senior Economist at WIFO and has been working in the Research Group "Industrial Economics, Innovation and International Competition" since 2015. She holds a Master's degree in Economics from the Vienna University of Economics and Business (WU Vienna) and a Master of Science from the Institute for Advances Studies and the Vienna University of Technology (TU Wien) and a doctoral degree from the WU Vienna. She is responsible for the WIFO Research Seminar "WIFO-Extern", teaches Applied Microeconomics at WU Vienna and has been deputy member of the Austrian Competition Commission since 2018. Her research focusses on innovation and structural change, industrial economics and competitiveness. Agnes Kügler has participated in various international and national projects. Recent research projects have focussed, among others, on the effects of the Single Market and economic institutions on national competitiveness, the progress of digitisation in Austria and market strategies and location policies of companies.

Motoshi Kunugi

New Energy and Industrial Technology Development Organization (NEDO)

Motoshi Kunugi is a chief officer at the Internet of Things (IoT) Promotion Department of New Energy and Industrial Technology Development Organization (NEDO). He studied chemical engineering and plant physiology, and for the latter major, he obtained a PhD from Hokkaido University. His study focused on photosynthesis pigments of green microalgae. Before joining IoT Promotion Department, he has been in charge of the outcome and impact evaluation for the public R&D projects in NEDO, mainly using the statistical method based on a questionnaire survey at the Evaluation Department of NEDO.

K

Ilknur Kursunlugil

LISIS, Université Gustave Eiffel

Following her training in sociology at Galatasaray University, Istanbul, she obtained her MA degree in General Sociology and Methodology at Mimar Sinan Fine Arts University, Istanbul. She defended her PhD thesis in Urban Studies in 2019 at CETOBaC, EHESS under the supervisions of Prof. Hamit Bozarslan and Prof. Thomas Faist. The objective of her thesis is to understand how a technical object, namely urban megaproject, serves as a new "technology of power" that transforms not only geographies, but also profoundly the social entities. To this end, she proposes to study two infrastructure megaprojects, including the Yavuz Sultan Selim Bridge and the Greater Istanbul Airport in Istanbul, Turkey.
Currently she is a post-doctoral researcher at LISIS (interdisciplinary research laboratory on science and innovation in societies) in the framework of the project "City Sustainability: form 'de facto' via 'proactive' to 'transformative' innovation policies" at University of Gustave Eiffel in France.

Tess Landon

FFG Austrian Research Promotion Agency

Tess is Project Manager of RCTs at the Austrian Research Promotion Agency (FFG), where she is responsible for research, development and implementation of three randomised controlled trials investigating innovative measures to foster social and sustainable innovation in Start-ups and SMEs as well as increasing the in R&D Projects.
Prior to her role in the FFG, Tess led an international research project bridging academia and business to leverage innovation for sustainable transformation in the agriculture and food industry at the Vienna University of Economics and Business. Before coming to Austria, she worked as a Data Analyst.
Tess received a M.Sc. in Socio-Ecological Economics and Policy at the Vienna University of Economics and Business, and a BA in Economics and Mathematical Decision Sciences at the University of North Carolina at Chapel Hill.

Philippe Larédo

Institut Francilien, Recherche, Innovation et Société / Université Paris-Est Marne La Vallée (IFRIS and LISIS) |
MIoIR, University of Manchester

Philippe Larédo is Directeur de Recherche at Université de Paris-Est Marne La Vallée (IFRIS and LISIS) and professor at the University of Manchester (MBS, Manchester Institute of Innovation Research). His research interests are on new emerging sciences and breakthrough innovation, on the globalisation of RDI activities of large firms and on research and innovation policies. Recent work on the former focuses on market construction while policy oriented work deal with new evaluation approaches for assessing societal impacts of public research, and on the development of 'positioning indicators' (with the coordination of a distributed European research infrastructure supported by the EC, RISIS, 2014-2018 and 2019-2022).

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Donia Lasinger

WWTF - Vienna Science and Technology Fund

Donia Lasinger is deputy managing director of the Vienna Science and Technology Funds. She is responsible for the "Vienna Reserach Groups for Young Investigators" programme. In her work for the WWTF GmbH Donia Lasinger specialised in consulting and strategy projects.
Donia Lasinger studied business sciences in Austria and Ireland and specialised in strategy and innovation management. During and after her doctoral studies she worked as strategy and management consultant on a national and international level. Her main competences include expertise in innovation research, strategic development and research and innovation policy. Furthermore, she is co-author of the book „Der Signalnavigator" ("The signalnavigator") that combines theoretical knowledge and practical experience in the recognition and usage of early signals in innovative processes.

Christopher Lebisch

FFG Austrian Research Promotion Agency

Christopher Lebisch is project manager at the Austrian Research Promotion Agency (FFG) and responsible for the design, implementation, and evaluation of three randomized controlled trials.
Before joining the FFG, Christopher worked in marketing and data analytics for the real estate platform ImmoScout24.
He holds a BSc in Business Administration from the Vienna University of Economics and Business and is currently pursuing an MSc in Socio-Economics at the Vienna University of Economics and Business and an MSc in Business Administration at the University of Vienna.

Patrick Lehner

Ludwig Boltzmann Gesellschaft Open Innovation in Science Center

Patrick Lehner, born 1969 in Voralberg/Austria, is expert on research and innovation strategies, research funding mechanisms and research and impact assessment. As Head of impact and knowledge exchange, data protection at the Ludwig Boltzmann Gesellschaft, Patrick is responsible for formulating and implementing an Impact and Knowledge Exchange Strategy. Before, Patrick served as Director of Administration at the Austrian Academy of Sciences and headed the Research Service Center at the Vienna University of Economics and Business. In his early days as a researcher he worked on national and regional innovation systems as well as on knowledge transfer between academia and economy.

L

Ralf Lindner

Fraunhofer Institute for Systems and Innovation Research ISI

Dr Ralf Lindner is head of the Department Policy & Society and Coordinator for Technology Assessment and Governance at the Fraunhofer Institute for Systems and Innovation Research ISI. He has participated in, managed and coordinated numerous large national and European research projects in the field of science, technology and innova-tion policy and governance. He is particularly interested in policy design and governance approaches for transformative change, mission oriented innovation policy, responsible research and innovation, and processes of policy learning. Additional research interests include the analysis of diffusion and adoption processes of emerging technologies, particularly ICTs, and Internet-based communication and interaction processes, particularly e-participation and e-democracy. Ralf Lindner received his degree in political science and economics from the University of Augsburg, completed graduate work at the Uni-versity of British Columbia (Vancouver) and post-graduate studies at Carleton University (Ottawa). From 2011 to 2013 Dr Lindner held a chair in Political Science at the Quadriga University Berlin, where he also was head of the Department of Politics and Public Af-fairs. In 2018, he was appointed to the Regional Forum for Research and Innovation advising the Government of Lombardy on its innovation strategy.

Mathieu Mahve-Beydokhti

Open Innovation in Science Center at the Ludwig-Boltzmann Society

Mathieu Mahve-Beydokhti is a program manager at the Open Innovation in Science Center of the Ludwig Boltzmann Gesellschaft. His focus lies on the societal impact of research. He supports research teams to leverage the societal impact of their research by providing training and consultation. Mathieu has a background in both natural science and social science, having graduated with a bachelor's degree in Chemistry from the University of Strasbourg and with a master's degree in Science and Technology Studies (STS) from Maastricht University. Previously, he worked in the field of interactive science engagement.

Katie Marchese

Student and Research Assistant at Georgia Tech, School of Public Policy and ROCS Lab

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Stafenie Margraf

Forschungszentrum Jülich GmbH

Stefanie Margraf joined the division of Sustainable Development and Innovation / Bioeconomy of Pro-ject Management Jülich after her post-doc studies at University of Oxford in 2015. She is responsible for the monitoring, evaluation and impact assessment (MEIA) of several ERA-NETs and leads the corre-sponding work package of the Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI) with 24 member countries. Her duties include the advancement of ways to effec-tively perform MEIA activities in ERA-NETs, and to develop and to oversee FACCE-JPI's impact assess-ment strategy. She recently evaluated FACCE-JPI with regard to its progress towards its goals of align-ing and integrating national and European research programmes, and of fostering high quality transna-tional research. She is Chair of the Task Force on Monitoring and Evaluation of the 10 JPIs. Stefanie holds a PhD in Life Sciences (Immunology) assigned by the University Heidelberg, and studied Biochem-istry in Frankfurt.

Íngrid Marin

Student of the Master Programme Science-Technology-Society at the University of Vienna

Rena Marrotta

Student of Georgia Tech, School of Public Policy and ROCS Lab

Rena Marrotta is an undergraduate student at Georgia Institute of Technology studying public policy and economics. She is a research assistant in the Research on Careers and Science Lab (ROCS) where she designs surveys and works on a project focusing on engineering in higher education.

Mireille Matt

INRAE France National Research Institute for Agriculture, Food and Environment

Dr. Mireille Matt is Director of Research at INRAE (National Institute of Agronomic and Environment Research) since 2011 and conducts her research at LISIS since 2018. She holds a PhD in economics from the University of Strasbourg (France), where she started her academic career. Her research interests focus on innovation studies; transformative innovation policies; evaluation of societal impacts generated by a public research organisation and analysis of typical impact pathways in the agricultural sector; strategic R&D partnerships, and transfer of academic research results towards industry. Her recent evaluation experience includes the ASIRPA (Assessment of Socio-economic Impact of Public Agricultural Research) ex-post and real-time project. She has participated in several European projects: the evaluation of the socio-economic impact of FP5 and FP6; the evaluation of the economic impact of Biobanking and Biomolecular Resources

M

Research Infrastructure; on the critical mass of public R&D programs. She co-authored OECD reports on Agricultural Research Impact Assessment and on French innovation public policies.

Cristian Matti

EIT Climate-KIC & Utrecht University

Cristian Matti is an expert in sustainability transitions and environmental innovation. He is Knowledge and Learning Manager at Transition Hub – EIT Climate-KIC and visiting researcher at the University of Utrecht. He has contributed to research projects on natural resource-based innovation, regional and industrial system of innovation as well as innovation policies for public and private organizations in Europe and South America. He has also experience as academic coordinator of professional education and postgraduate courses on sustainability and regional innovation. He has also participated as an expert in the analysis of technological trends and policies in Argentina's Second Submission to the UN Convention on Climate Change. His primary interest is the linkages between science and practice in facing the challenge of transforming environmental governance and technological development processes. Doctor of Philosophy Field of study: Science, Technology and Innovation studies – Economic geography. DPhil program on Local Development and Territory- Institute for Local Development (IIDL) and Master's degree Science and Technology for Sustainability (University of Sussex, UK)

Sonia Daniela Mena Jara

Leiden University, Centre for Science and Technology Studies (CWTS)

Sonia has a background in Environmental science and currently works as a researcher at the Centre for Science and Technology Studies of Leiden University, involved in European projects working at the interface of Responsible Research & Innovation (RRI) and Smart Specialisation (RIS3). Her research interests focus on territorial-regional analysis, the societal impact of science, and particularly how knowledge creation can contribute to public policy development. Sonia pursues the integration of an environmental perspective, bringing her knowledge on water management, climate change and disaster risk reduction, and recently on renewable energies. She holds an MSc degree in Geography (2014 - Brazil) and a Bachelor in Ecology and Landscape (2004 - Chile) and has worked for the government, consulting firms, academia, and non-profit sector in Chile.

Ingeborg Meijer

Centre for Science and Technology Studies (CWTS), Leiden University, Netherlands

Dr. Ingeborg Meijer is a senior researcher in research policy and evaluation with a focus on biomedicine and healthcare R&I. Her main goal is to make sure that society is able to use research. Working in industry, health research policy, consultancy of European policies, she realized that in academia there is still a lot to gain at the science/society interface. Through crossing disciplinary boundaries and collaboration with policy, funders, charities, patient organizations and European R&I partners, she aims to improve mutual understanding and sharing of responsibility. Her latest contributions are in European projects on Responsible Research and Innovation (MoRRI, NewHoRRIzon, SUPER_MoRRI) and Open Science (Open Science Monitor). Furthermore, in the R-Quest project (funded by the Norwegian Research Council), she pursues reconciliation between notions of research quality and impact to society.

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Julia Melkers

School of Public Policy Georgia Institute of Technology

Julia Melkers is Professor in the School of Public Policy at the Georgia Institute of Technology in Atlanta, Georgia, USA and holds a visiting appointment at INGENIO [CSIC], University Polytechnic Valencia, Spain. Her research and evaluation work focuses on matters relevant to careers in science, particularly research and career capacity development in the STEM and post-secondary environment. Her work has addressed a range of issues within this context, including diffusion of research knowledge to professional communities, institutional cultures, collaborative and other social networks, pathways and support for academic and broad careers, and career-related experiences and challenges specific to underrepresented groups. She directs the ROCS lab (Research on Careers in Science), a group of faculty and students who work on projects relevant to the science and engineering workforce, and related careers. She is also the U.S. Co-Editor of the journal, Research Evaluation.
Julia has been involved in the advisement and evaluation of large scientific teams and programmes in the United States for more than two decades. Her research has been supported by the U.S. National Science Foundation, U.S. National Institutes for Health, and multiple foundations. She has conducted evaluation-related work for the U.S. National Science Foundation, the OECD, governments of Mexico and Latvia, the American Association for the Advancement of Science, the National Research Council, and several federally-funded U.S. state science initiatives. She is currently serving on the national Committee on the Future of NSF EPSCoR, a unique regional scientific funding and capacity building program in the US, bringing her assessment expertise to the prioritization of policy tools. She was also recently a member of an OECD mission team to Austria, primarily focused on research capacity in higher education. She holds a PhD in Public Administration at the Maxwell School at Syracuse University.

Susanne Meyer

Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK)

Susanne Meyer (PhD, female) has joined the Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology in 2021 as Special Officer for Transformative Innovation Policy and Missions. Prior to that she worked at the AIT Austrian Institute of Technology (2013-2021) conducting research in the field of transformative R&I policies for urban and energy transition with good understanding of the European and transnational context. During that time, Susanne Meyer was seconded to the Austrian Federal Ministry of Transport, Innovation and Technology in 2013-2015. She was responsible for the development of national research policies, agendas and programmes in the area of Smart Cities. She was a Policy Coordinator in the JPI Urban Europe and Co-coordinator of the ERA-NET Smart Cities and Communities to ensure alignment of national Smart City policies with the European Commission and other European Countries. Prior to joining AIT Susanne Meyer worked for Joanneum Research POLICIES in Austria (2010-2013) gaining experience in the evaluation of research and innovation governance systems, policies and programmes – at European and national level.

M

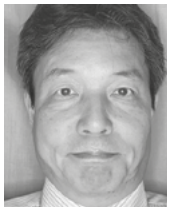
Mathias Mitteregger

austriatech

Mathias Mitteregger deals with the question of how new technologies change cities. The spectrum of his work ranges from web mapping tools, delivery services and machine learning to regionalism, myth, superstition and prosthetics to the basal status of technology in public space. In recent years, his focus has been on connected, automated vehicles and mobility in the city of the future. Mathias studied architecture at the TU Graz, the TU Berlin and the TU Vienna. He completed research stays at the University of Pennsylvania, MIT and UCLA. He completed his dissertation in architectural theory. Mathias is currently researching at the future.lab at TU Vienna and carries out projects as a freelancer and at austriatech.

Shumpei Miyajima

New Energy and Industrial Technology Development Organization (NEDO)



1. Research Theme: “Correlations between thin films and light”
(a)Optical nature of organic semiconductors (Univ. of Tokyo)
(b)Ceramic colour coating on stainless steel (Nippon Steel)
(c)Internal lamp Photo-CVD of semiconductor films (Univ. of Cambridge*)
*PhD “Novel Deposition of Doped Amorphous Silicon and Related Materials”
(d)Time-resolved spectroscopy of surfaces (Univ. of Tokyo)
2. R&D Management Career
(a)Planning Division, R&D Bureau, Nippon Steel Corporation
(b)Division of University Corporate Relations, University of Tokyo
(c)Innovation Promotion Department and Evaluation Department, NEDO

Lise Moawad

Humboldt-Universität zu Berlin, Robert K. Merton Center for Science Studies

Lise Moawad finished her studies in Politics and Public Administration (M.A.) at the Université Panthéon-Sorbonne (Paris I) and the Universität Konstanz as well as her M.A. in German Studies at the Université Paris-Sorbonne (Paris IV). Her two master’s theses focused on federalism - whether it has been understood as a principle of state organisation or as a historical fact - through the example of German cultural and educational policy. She then worked for two years for the French Ministry of Foreign Affairs as Policy Officer for Language and Education Cooperation at the French Embassy in Berlin. Since November 2020, Lise Moawad has been working for the project “Diversity and Adaptability of Peer Review” at the Robert K. Merton Center for Science Studies, an interdisciplinary platform for research and teaching in Science Studies at the Humboldt-Universität zu Berlin.

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Jordi Molas-Gallart

INGENIO

Jordi Molas Gallart was trained as an economist and has more than thirty years experience as an analyst of technological change and technology policy. He holds a "Licenciatura" in Economics from the Universitat Autònoma de Bacelona, a MA. in International Relations from the School of Advanced International Studies of the Johns Hopkins University, and obtained a DPhil from SPRU at the University of Sussex with a dissertation on the relationship between military production and technological innovation. He was a Fellow at the Department of Politics of the University of Glasgow (1989-1991) and worked at SPRU between 1991 and 2005, first as a Research Fellow, and afterwards as a Senior Fellow and a Senior Lecturer. He has also been an invited lecturer at the universities of Sussex, Santiago de Compostela, Salamanca, Girona, Gabrielle d'Annuzio (Pescara), Complutense de Madrid, and Carlos III (Madrid) among others. His research covers the evaluation of science, technology and innovation policies; the use of indicators in evaluation; innovation in the defence and aerospace industries, the relationship between military and civilian technologies. Jordi has led research and consultancy projects for a variety of clients and research organizations, including the European Commission, the European Parliament, the UK Department of Trade and Industry, the French Ministry of Defence, the Russell Group of Universities, the UK Economic and Social Research Council, the Swedish Institutet för Tillväxpolitiska Studier, and the Spanish Ministry of Education and Science, among others.

Georgie Moore

Students of the Master Programme Science-Technology-Society at the University of Vienna

Caro Mooren

KWR Water Research Institute

Caro Mooren is a scientific researcher at KWR since July 2018. She has a background in cultural anthropology and environmental governance. Her research focusses on knowledge valorization, evaluation, co-creation, communities of practices, and circular economy in relation to the WEF Nexus. She uses methodologies such as interviews, surveys, participant observation to support decision making processes and program management. She also has experience with research of EU funded projects (e.g. STOP-IT, POWER, Ultimate, B-watersmart, and WaterMining).

M

Moritz Müller

BETA, University of Strasbourg

Moritz Müller is Assistant Professor of management at the University of Strasbourg and member of the research lab BETA (Bureau d'économie théorique et appliquée, UMR 7522) since 2012. After obtaining his PhD in economics at the University of Strasbourg in 2010, he did a two-year postdoc until 2012 at the Chair of Systems Design, D-MTEC, ETH Zurich. In 2012, he has been Visiting Scholar at the Gordon Institute of Business Science (GIBS), Univeristy of Pretoria, South Africa, and Senior Research Fellow at the Chair in Economic Policy, Institute of Economics (ECON), Karlsruhe Institute of Technology (KIT), Germany ever since. Current research of Moritz Müller centers on the implication of (human) interaction in industrial as well as science systems. Since some years now, he is part of the BETA research group working on evaluation of science.

María Nedeva

Manchester Institute of Innovation Research

I am Professor of Science and Innovation Dynamics and Policy at the Alliance Manchester Business School (AMBS), the University of Manchester and a long-standing member of the Manchester Institute for Innovation Research MIoIR). Over my academic career, I have published on issues of science dynamics, research policy and ways to link research governance and science dynamics. I have researched, and published, on universities, governance; the effects of policy and governance on the science system; and evaluation and selection practices in science.

Elisabeth Nindl

Austrian Science Fund (FWF)

Elisabeth Nindl is responsible for monitoring and evaluation in the Austrian Science Fund's (FWF) strategic department "Policy, Evaluation, Analysis". In her previous position at the Austrian Institute of SME Research she prepared evaluation reports of research and innovation funding programmes and policies (with a particular focus on science-industry-collaborations) in Austria, Germany and Switzerland, as well as monitoring reports. Elisabeth holds a PhD in economics from the University of Innsbruck, worked as a predoctoral researcher at the Vienna University of Economics and Business and served as an advisor in the economic policy department of the Austrian Economic Chamber.

Margit Noll

FFG Austrian Research Promotion Agency

Margit managing the transnational research and innovation program JPI Urban Europe dealing with urban transition and sustainable urban development at the Austrian Research Promotion Agency (FFG).

List of Contributors

P

Mariangel Pacheco-Troisi

Universidad Tecnológica del Uruguay, Montevideo, Uruguay

INGENIO (CSIC-UPV), Universitat Politècnica de València, Valencia, Spain

Mariangel is an associate professor at the Universidad Tecnológica (UTEC) of Uruguay, where she coordinates the academic committee of the Diploma in Evaluation for Change. She is a researcher at the INGENIO Research Institute (CSIC-UPV) of the Universitat Politècnica de València (UPV), Spain. Her research topic is methodologies for evaluating the social impact of research and funding instruments through the study of the productive interaction between science and society. She holds a doctoral scholarship funded by the Carolina Foundation of the Government of Spain. She holds a degree in Economics from the Faculty of Economics of the Universidad de la República (UdelaR) of Uruguay and a Master's degree
in Programme and Public Policy Evaluation from the Universidad Complutense de Madrid (UCM). In addition to other postgraduate studies specialising in evaluation. She has been working for more than 10 years in the design and implementation of monitoring and evaluation systems, having worked for institutions such as: Presidency of the Republic of Uruguay, Planning and Budget Office, Industrial Extension Centre, National Public Investment System, Subnational Development and Management Programme, National Cooperative of Milk Producers, among others. Since 2012 she is a permanent consultant for the Technological Laboratory of Uruguay (LATU), having led the design and implementation of more than 20 evaluations in the field of science, technology and innovation. She is committed to conducting evaluations for use, where evaluation is understood as a type of applied research in the service of decision-making, learning, understanding and the promotion of social justice and equity. She is a member of the American EvaluationAssociation and has participated in international cooperation projects led by the German National Metrology Institute (PTB), the Economic Commission for Latin America and the Caribbean (ECLAC) and the German Agency for Technical Cooperation (GTZ) to measure the impact of quality infrastructure in Latin America. He has conducted evaluations and presentations in Argentina, Mexico, Costa Rica and Chile.

Thomas Palfinger

Ludwig Boltzmann Gesellschaft Open Innovation in Science Center

Thomas Palfinger is program manager for the PPIE program at the LBG OIS Center. He has a background in political science and is particularly interested in the role of technical, social, and methodological dimensions to enable cooperation in science. As a PPIE program manager he supports activities which plan to engage the public, experts-by-experience, and other stakeholders in research activities, helping to elaborate ways to cooperate. He is also interested to learn about ongoing involvement activities and happy to exchange about issues, learnings, and potentials in this regard.

P

Sang-Min Park

George Washington University

Sang-Min Park is a senior deputy director at the Ministry of Science and ICT in South Korea. He earned his PhD degree from George Washington University in the field of science and technology policy in 2021. His research interests lie in biotech entrepreneurship, entrepreneurial ecosystem, translational research, and technology transfer.

Bettina Peters

ZEW – Leibniz-Zentrum für Europäische Wirtschaftsforschung

Prof. Dr. Bettina Peters is Deputy Head at ZEW's "Economics of Innovation and Industrial Dynamics" Research Department and Honorary Professor in Innovation at the Faculty of Law, Economics and Finance at the University of Luxembourg. Her main research interests cover the economics of innovation at the firm-level, in particular productivity and employment effects of innovation, dynamics in firm innovation behaviour, and the internationalization of R&D activities. Her research has been published in various academic journals like RAND Journal of Economics, Review of Economics and Statistics, International Journal of Industrial Organization, or Research Policy. She is a member of a research group on firm innovation behaviour and is engaged in the conceptual development and analysis of the Mannheim Innovation Panel and the Community Innovation Surveys (CIS). She has been engaged in many consultancy projects in the area of innovation and technology policy for the EU Commission and the German Federal Ministry of Education and Research. Before joining ZEW in 2000, she was a research and teaching assistant at the Institute of Microeconomics at the University of Kiel (1997-2000). She gained her doctoral degree at the University of Würzburg and holds a degree in quantitative economics from the University of Kiel. Bettina Peters was visiting researcher at Boston University and KU Leuven.

Stefan Philipp

ZSI - Centre for Social Innovation

Stefan Philipp is project coordinator and researcher at the Centre for Social Innovation, Vienna, Austria. He is currently coordinating the H2020 funded project Cherries – "Constructing Healthcare Environments through Responsible Research Innovation and Entrepreneurship Strategies". Moreover, he is involved in projects with a focus on mission and problem-oriented innovation policy, regional development incl. smart specialisation, Living Lab methodology, scientometric studies, studies on social innovation as well as evaluation of RTI-policies. He deploys a broad set of qualitative and quantitative methods with a focus on data driven research. Mr. Philipp holds a Master's degree in spatial planning from the University of Technology Vienna and is currently pursuing a PhD at the Université Paris-Est Marne-la-Vallée. Before joining ZSI, he worked as junior researcher at the Austrian Institute for Regional Studies (ÖIR).

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Rupert Pichler

BMK - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology

Rupert Pichler is a Head of Unit at the Austrian Federal Ministry for Transport, Innovation, and Technology where he is responsible for research funding organisation and coordination. He is a board member of the Austrian National Foundation for Research and technological development. Previously, he was a technology policy officer at the same ministry and a researcher at the Austrian Academy of Sciences. Following studies at Tübingen and Innsbruck, from where he graduated with a Master's degree in History, and post-graduate terms at Milan and Minneapolis he obtained a doctoral degree from the University of Innsbruck.
Rupert Pichler (co)authored four books and contributed numerous articles to journals and books, mostly on economic history and innovation policy. He also served on various EU committees and was chairman of the Platform FTEval 2006-2014.

Wolfgang Polt

Joanneum Research

Wolfgang Polt, Director POLICIES at the Institut for Economic and Innovation Research of JOANNEUM RESEARCH Ltd. and authorized representative of this organisation, which is one of the major public research organisations in Austria. He is an economist with long experience in innovation research and policy studies in science, technology and innovation policy. The scope of the studies includes policy design, policy evaluation and policy implementation. He has carried out evaluations of programmes, policies and institutions for DG Research, DG Enterprise and DG Information Society of the European Commission, and for institutions in countries like Austria, Finland, Germany, Ireland, Japan and Switzerland. He supported Ministries in Austria concerning EU policy alignment, joint programming and stakeholder process for EU FP9. As an expert, he contributed to the recent country studies of the EU and the OECD on innovation policies in Estonia, Greece and Hungary. Most recently, he was the study director of a project analysing and comparing the research system of Germany.

Emanuela Reale

CNR-IRCRES Research Institute on sustainable Economic Growth

Emanuela Reale is Director of the Research Institute on Sustainable Economic Growth – IRCRES at National Research Council – CNR. Her research interests are on policies for the public sector research, with particular focus on governance, funding instruments and higher education policies. She also deals with methods and tools for university and research assessment and science and technology indicators. Emanuela worked in many national and international projects as a principal investigator or as a coordinator. Since 2019 she is member of the Consortium Management Committee of the European Research Infrastructure for Science and Innovation Policy Studies RISIS, and she coordinates a PRIN Project on the effects of evaluation on academic knowledge production. She is Co-Editor of Research Evaluation, published and is a referee in numerous international journals and books.

R

Andreas Reinstaller

Austrian Institute of Economic Research (WIFO)

Andreas Reinstaller is Senior Economist at WIFO and has been working in the Research Group "Industrial Economics, Innovation and International Competition" since 2007. He holds a Master's degree in Economics from the Vienna University of Economics and Business (WU Vienna) and a PhD from the University of Maastricht. His main areas of expertise are in the field of industrial economics, industrial policy, as well as science and innovation policy. In these fields he has managed and contributed to projects for the European Commission, the OECD, UNIDO or Austrian ministries and public bodies, and has served as member of international high-level expert groups. He is editor-in-chief of WIFO-Monatsberichte (WIFO Monthly Reports) and has published in international journals such as Research Policy, Scientometrics, Industrial and Corporate Change, the Journal of Evolutionary Economics, Structural Change and Economic Dynamics or Applied Economics.

Sarah de Rijcke

CWTS Leiden

Sarah joined the Centre for Science & Technology Studies (CWTS) at Leiden University in the Spring of 2011, where she is currently Professor in Science, Technology and Innovation Studies and Scientific Director of the institute.
Her long-term research interest is to examine the interactions between science governance and knowledge creation. She has a strong international reputation in Science and Technology Studies (STS), with specific training and expertise in social studies of research evaluation.
Sarah's research has been taken up by a host of international bodies. She recurrently acts as expert advisor in European and global science policy initiatives. Most recently, she was invited to represent the Netherlands in a high-level UNESCO Expert Group to write a global recommendation on Open Science (2020-2021).
She serves as Board member of the Netherlands Graduate Research School of Science, Technology and Modern Culture (WTMC) and as Council member of the European Association for the Study of Science and Technology (EASST). She is a member of multiple scientific advisory boards in Europe, including those of the Austrian Science Fund (FWF), the Institute for Advanced Studies in Vienna, and the Munich Center for Technology in Society (TU Munich).
Sarah is Editorial Board member of Science, Technology & Human Values (ST&HV); The Global Epistemics Book Series; Interdisciplinary Science Reviews, and Social Sciences and Humanities Communications.

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R

Douglas K. R. Robinson

The Laboratory for the Interdisciplinary study of Science, Innovation and Society (LISIS),
CNRS - Université Gustave Eiffel - INRAE, France

Interdisciplinary by training and in practice, Douglas is an expert in studying emerging fields of science, technology and innovations and characterising their link with socio-economic change. Originally trained as a physicist and space scientist, Douglas has been both researcher and consultant focusing on the emergence of breakthrough technologies and their transformation into working technologies in society. A large part of his work is connecting academic research with real-world problems, through engagement exercises, operationalising responsible research and innovation (RRI), multi-stakeholder technology assessment and the development of policy relevant intelligence. As part of this activity, Douglas often combines research with tool development to improve reflexivity and better anticipate on the co-evolution of technology, innovation and society. Recently, Douglas has been engaged in the ramifications of mission-oriented policies for the research and innovation system, and how missions can be implemented by both targeted policy, by researchers and through co-creation activities. Alongside publishing scientific articles, Douglas also produces reports on emerging technologies and their ramifications for the economy and for society, recent reports for public agencies and international organisations include OECD, European Space Agency and NASA.

Karoline Rodriguez

Institut für Innovation und Technik (VDI/VDE)

Karoline Rodriguez Rivera is a Consultant at the department of Society & Innovation at VDI/VDE-IT in Berlin. She has an educational background in business administration and holds a Master's Degree in Economics from Nova School of Business and Economics. Since 2016, she has been involved in national and international evaluation projects as a research coordinator, including impact evaluations for the World Bank, the Inter-American Development Bank and Yale University. At VDI/VDE-IT, she is mainly responsible for designing and conducting the monitoring and evaluation of research and innovation programmes for the German Federal Ministry of Education and Research, the German Federal Ministry for Economic Affairs and Energy and the German Federal Ministry of Transport and Digital Infrastructure.

Oliver Rohde

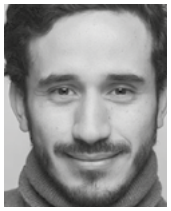
PT-DLR

Oliver Rohde is a Senior Scientific Officer at the German Aerospace Center Project Management Agency (DLR-PT) and head of the unit responsible for business development and evaluation in European and international cooperation. His main field of activity is international cooperation in innovation and the evaluation of STI programmes on European, national, and regional level. He participated in several EU-funded projects targeting innovation and cluster cooperation. Oliver Rohde studied Economics and Political Sciences at the University of Hamburg (Germany) and Charles University Prague (Czech Republic).

R

Oscar Yandy Romero Goyeneche

Utrecht University centre for Global challenges



Oscar is a Research Assistant at the Utrecht University Centre for Global Challenges. His PhD thesis aims to contribute to the implementation of the Sustainable Development Goals (SDGs) by analysing enablers of synergies across the 17th goals. His work is based on Deep Transition Theory, which studies interrelationships between sociotechnical systems to identify enablers of systemic transformation.
Oscar is primarily interested in connecting "nature" with social and technological dynamics to encourage sustainable practices. Secondly, he is interested in developing a framework to analyse interactions between sociotechnical systems. Finally, he aims to contribute to the understanding of scholars' role in triggering local knowledge which addresses social and environmental goals such as reduction in hunger and land degradation. Previously, Oscar worked as a Research Fellow with the Science, Policy research Unit (SPRU) at University of Sussex. He developed ways to apply Social Network Analysis to analyse transition processes. This work has included using Social Network Analysis to detect R&D Colombia capabilities that could address or resolve agriculture demands and needs; using Semantic Networks to understand how social movements promote research projects and local policies to conserve and restore ecosystem conditions in Bogota Wetlands; and using big data to analyse Colombian, Mexican and Brazil R&D capabilities to address Sustainable Development Goals in the context of sustainable transition.
Moreover, Oscar has been the driving force in developing the methodology behind the new SDG project, in which he, together with Professor Schot and other partners, uncover the transformative potential of Utrecht University.

Florian Roth

Fraunhofer Institute for Systems and Innovation Research ISI

Florian Roth works as a Project Leader at the Fraunhofer Institute for Systems and Innovation Research ISI in Karlsruhe. His main research interest is on political strategies to build resilient and sustainable social systems under conditions of high complexity and uncertainty.
Florian holds a PhD in Political Science from the University of Konstanz, where he worked as a Research Fellow at the Department of Politics and Public Administration and as an Associated Researcher at the Centre of Excellence. Before joining Fraunhofer ISI, he was a member of the Risk and Resilience Research Group at ETH Zürich. His current research focuses on the links between innovation, transformation and socio-technical resilience.

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Michael Rothgang

RWI-Leibniz-Institute for Economic Research

Michael Rothgang joined RWI in January 2000 and was deputy division chief "Enterprises and Innovation" from 2008 to 2014. Since July 2014 he is researcher at the research department "Environment and Resources". He studied economics at the University of Erlangen-Nürnberg and at Wayne State University, Detroit. During his dissertation in the field of ecological economics, he worked as research assistant at the University of Erlangen-Nürnberg. He coordinated several research projects, among them large technology policy evaluations. Recently, he did research on innovation processes in plastics recycling and in automobile lightweight forging as well as determinants of productivity growth.
Rothgang is at RWI the ombudsman and assists all researchers in the RWI in questions involving good scientific practice and scientific misconduct.
Research Interests: Environmental innovation, cluster development and policy, technology transfer, research strategies of business firms, evaluation of technology policy measures

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Margharita Russo

Dipartimento di Economia Marco Biagi

Margherita Russo is full Professor of Economic Policy [SECS P02] Dipartimento di Economia Marco Biagi | Università di Modena e Reggio Emilia. Her research interests range from Innovation dynamics (innovation as a social process, role of inter-firm interrelationships in fostering innovation processes; innovation policy, the effects of innovation and digital transition on the organization of labour and on skill requirements; Structure and change of local production systems (emergence of competence networks; Local development policy; competition of local production systems; environmental and social sustainable local development; innovation and local development); Ceramic tile districts; automotive industry; and socio-economic impact of natural disaster.

Volker Schaffler

Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK)

Master's programme "Urban Technologies" at FH Joanneum Kapfenberg. Master's degree in "Risk Management & Corporate Security" at FH Campus Wien. Post-graduate studies in "Socio-economic Crisis & Disaster Management" at the UMIT Hall in Tirol MBA studies (specialisation in Controlling) at the FH Burgenland. Several years as an in-house consultant for the City of Vienna, where he was involved in setting up the Smart City Wien agency and the Smart City Wien framework strategy, as well as comprehensive research coordination in the field of urban technologies. Several years of research activities in the field of security research and Smart City at the AIT - Austrian Institute of Technology.

S

Cornelia Schendzielorz

Humboldt University of Berlin

Dr. Cornelia Schendzielorz finished her studies of Sociology and Contemporary History at the University of Freiburg (Germany) and the University of Bordeaux (France). She worked at the Institute for Social Research (IfS) in Frankfurt a. M. (2009-2012) and conducted her doctoral thesis at the Centre Marc Bloch (CMB) Berlin and the University of Freiburg (2012-2016). She currently holds research positions at the Humboldt University of Berlin and in the Department of Research Systems and Science Dynamics at the German Center for Higher Education Research and Science Studies (DZHW) Berlin. Her research areas as a post-doc are in science studies, political sociology, sociology of work as well as qualitative methods. Her current research projects focus on peer review, authorship in academia, and governance of science.

Sonja Schneuwly

Ipsos UK

Sonja Schneuwly is an Associate Consultant in Ipsos's Policy and Evaluation Unit. She works on a range of evaluation and research projects for UK and international clients (such as UK Government departments or the World Bank) as well as for the European Commission and several other EU institutions. Being a foodie herself, Sonja has a keen interest in food policy and recognises the important role food systems play in contributing to the grand societal challenges of our time. She is currently leading on the European research strand of a comparative study related to the research and innovation investment level in food systems and hopes to further specialise in this field and to be able to contribute towards a holistic sustainability transition of food systems.
Sonja holds a BA in English Language and Literature, with minors in Business Management and Economics from the University of Fribourg, Switzerland, and completed a MSc in The Political Economy of Emerging Markets at King's College London.

Klaus Schuch

ZSI - Centre for Social Innovation, fteval – Austrian Platform for Research and Technology Policy Evaluation

Dr. Klaus Schuch is expert on techno-globalisation, international R&I cooperation, R&I policies, and evaluation. Klaus is director and senior scientist at ZSI (Centre for Social Innovation), Austria. Since May 2012, Klaus is also managing director of the Austrian Platform for Research and Technology Policy Evaluation.
Klaus is and was engaged in a large number of national and international projects. From 2009 to 2012 he analysed the Austrian R&I policy and its implementation under ERAWATCH and since 2015 he is national correspondent for the EC's R&I Observatory. In 2007 he was scientific expert of the CREST (now ERAC) Working Group on internationalisation in S&T and in 2012 member of the external expert group of the European Commission to advice on the European R&I-internationalisation strategy. In 2016/2017 he was delegated to the ERAC Working Group on Impact Measurement. He is also Austrian delegate to the European RTD Evaluation Network and was member of the COST Scientific Committee (2016-2019).

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Between 2006-2014 Klaus lectured 'monitoring and evaluation' and – as of 2014 – 'techno-globalisation' at the Department of Development Studies at the University of Vienna. He also taught at the Vienna University of Economics and Business, the Danube University Krems, the University of Applied Sciences Vienna and at the University Linz (topics: evaluation; regional technology policy; methods of empirical social research). He is lecturer in several international summer schools and taught evaluation in the post-graduate SOQUA-course addressing young social scientists. Klaus was engaged in a number of evaluations of RTI programmes at national and international level.

Susanne Schuck-Zöller

Climate Service Center Germany/Helmholtz-Zentrum Hereon

Susanne Schuck-Zöller (M.A.) facilitates the scientific network of GERICS. In 2017 Susanne edited together with Guy Brasseur and Daniela Jacob a national assessment on climate change in Germany ("Klimawandel in Deutschland", Springer/Spektrum). The book (open access) compiles for the first time the available information on the status of climate change, its impacts on the societal sectors in Germany, as well as the respective risks and adaptation options. More than 120 authors contributed. The book was scientifically reviewed.
A special focus of Susanne's work: the mode of transdisciplinary research and its impact. How can it be successfully realised and evaluated adequately? Referring to this she organized a multidisciplinary workshop in 2014 in terms of stakeholder dialogues. As well, she initiated a GERICS Report (No. 23), analysing different approaches of transdisciplinary research, developed ten quality criteria of good transdisciplinary processes and took a closer look on evaluation criteria and methods. As part of a working group within the Helmholtz research programme PACES II Susanne worked on a comprehensive framework for the evaluation of products and results (outputs and outcomes) of climate and coastal services.

Sarah Seus

Fraunhofer Institute for Systems and Innovation Research ISI

Sarah Seus studied political science and economics in France and Germany and earned a master's degree in sustainable regional development. Since February 2014, she has been working as a researcher in the Competence Center Policy and Society at Fraunhofer ISI. Her work focuses on the evaluation of funding programmes and impact measurement of publicly funded measures (national / international) in the thematic area of research and innovation policy. She works as a project manager and has many years of experience in the conception of evaluations and in dealing with qualitative and quantitative data collection methods and evaluation procedures.

S

Sonja Sheikh

ACR - Austrian Cooperative Research and fteval Platform

Sonja Sheikh is managing director of the Austrian Cooperative Research (ACR) since 2019. Before that she was deputy director of the Austrian Institute for SME Research. She is an expert of the Austrian research and innovation system, an expertise she gathered during her 20 years activity as evaluator of projects, programmes, and institutions of the national and European Research, Technology, Development, and Innovation Policy (RTDI-Policy). On a regular basis she acts as evaluator and juror for several research support programmes and prizes, among others for the Austrian Research Promotion Agency (FFG) and the Houska Prize for SMEs of the B&C-Foundation. Since 2019 Sonja Sheikh represents the ACR in the Board of Research Austria (FA) and since 2020 she is the official representative of Austria in the Board of the European Association of Research and Technology Organisations (EARTO) based in Brussels. From 2006 till 2012 she was Member of the Board of the Platform fteval - Research & Technology Policy evaluation and from 2012 till 2019 she was Member of the Board of the DeGEval – Evaluation Society (Gesellschaft für Evaluation e.V.) with 850 members in the German-speaking countries. Since 2020 Sonja Sheikh is chairwomen of the Austrian Platform for Research and Technology Policy Evaluation (fteval).

Laura Soyer

Open Innovation in Science Center, Ludwig Boltzmann Gesellschaft

Laura Soyer is a program manager at the Open Innovation in Science Center of the Ludwig Boltzmann Gesellschaft in Vienna and works on projects related to inclusive and collaborative innovation and societal research impact. Currently she is working on capability building formats for transdisciplinary and participatory research. Her academic background is in the social sciences and she holds a degree in law and social anthropology from the School of Oriental and African Studies (SOAS University of London) and the University of Vienna.

Barbara Spanó

Ministry of Higher Education and Science, Denmark

Barbara has over 15 years' experience working with International Relations and Research Management in the Government, Intergovernmental Partnerships, Universities, and International University Alliances in both Italy and Denmark. Since April 2019 she is a member of the EARMA Policy and Representation Committee, whose primary purpose is to act as a source of active engagement for the members in relation to research policy issues.
She holds an MSc degree in Political Science from the Catholic University in Milan, Italy, and is currently attending a Graduate Diploma in Public Administration at the Technical University of Denmark.

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Maria Stadler

Fraunhofer Institute for Systems and Innovation Research ISI

Maria Stadler studied sociology and cultural urban studies. Since 2019, she works as researcher and PhD candidate at Fraunhofer ISI in the Competence Center Policy and Society. At Fraunhofer ISI she is currently employed in the H2020 Project SONNET – Social Innovation in Energy Transitions. Her work concentrates on social innovation processes with a special focus on urban areas.

Michael Stampfer

WWTF - Vienna Science and Technology Fund

Michael Stampfer is Managing Director of the Vienna Science and Technology Fund (WWTF), a private non-profit funding organisation for scientific research in Vienna (www.wwtf.at).
WWTF funds larger projects and group leader positions in Vienna in fields like Life Sciences, ICT, Cognitive Sciences or Environmental Systems Research.
He holds a doctoral degree of the faculty of law of the University of Vienna and has a long-time experience in the field of Austrian and international research and technology policy. Michael has done work on research policy, funding and university governance in a number of national, EU and OECD projects.

Otto Starzer

FFG - Austrian Research Promotion Agency

Otto Starzer is a mechanical engineer from profession, with focus on energy technologies .
He worked serveral years in industry followed by a 10 year period with the Austrian Energy Agency. Since 2005 he is with FFG, being responsible for the Austrian competence centre programme COMET.

Michael Strassnig

WWTF - Vienna Science and Technology Fund

Michael Strassnig, born 1974 in Wolfsberg, Austria is expert in research funding and science policy. At present he is programme manager at Vienna Science and Technology Fund WWTF and deputy managing director of WWTF GmbH, Austria. Michael holds a doctoral degree from the University of Vienna in the domain of science and technology studies. Until 2012 he was postdoctoral researcher at the University of Vienna. Michael is currently engaged in the management of research funding programmes at WWTF both at an operative and strategic level from programme design, monitoring to evaluation exercises.

S

Jürgen Streicher

Joanneum Research

Jürgen Streicher is researcher and project manager at JOANNEUM Research (POLICIES). He is an expert on international R&D collaborations, the innovation behaviour of small and medium-sized companies (SMEs), and R&D and technology research. He also engages in national and international cluster analysis studies as well as evaluations of research, technology and innovation (RTI) policies, programmes and institutions. Since 2014, Jürgen is co-coordinator of the annual Austrian Research and Technology Report for which he also writes chapters. In evaluation research, one of Jürgen's goals is to better understand how evaluation processes and results can contribute to policy development. His PhD thesis (Streicher 2017) provides a detailed empirical analysis of factors and mechanisms that condition the effects of policy evaluations in RTI, using Austria as the case in point.

Bettina Uhrig

Oslo Metropolitan University (OsloMet), Norwegian Social Research Institute (NOVA)

Bettina Uhrig has been involved in international projects, networks and associations since the early 1990s. Since 1997, she has been engaged in European Framework Programmes for Research (and Innovation) as Adviser, Coordinator, Project Manager, Impact Manager, Reviewer and Evaluator. In 2007, she became Senior Adviser for Internationalisation at the Norwegian Social Research Institute (NOVA) in Oslo, now part of Oslo Metropolitan University (OsloMet), where she continues to work. In May 2017, she started as Impact Manager for the Horizon 2020 project 'DARE – Dialogue About Radicalisation and Equality' (May 2017 – October 2021, http://www.dare-h2020.org/). Since 2016, she has been a Member of the Norwegian National Reference Groups for Horizon 2020 Societal Challenge 6 'Europe in a changing world - Inclusive, innovative and reflective societies' (2016 – 2019) and Horizon Europe Cluster 2 'Culture, Creativity and Inclusive Society' (since 2020). For the last 15 years, she has been a member of EARMA, the European Association of Research Managers and Administrators, and from 2017 until 2021 a member of EARMA's Policy & Representation Committee focusing on societal impact and organisational impact strategies. Since 2016, she has been an active member of AESIS - The Network for Advancing and Evaluating the Societal Impact of Science.

Anete Vingre

Technopolis Group | UK, Baltics

Dr Anete Vingre is an associate consultant at Technopolis Group and has experience as a project manager and author of various evaluations and policy studies. Anete works on studies and impact evaluations in science and innovation policy, the performance of research institutions, and regional development. Anete has completed several evaluations covering research, entrepreneurship and innovation policy. She performed these evaluations for various clients, such as Business Finland, Ministry of Economy and Employment of Finland, European Commission, and the Irish Department of Business, Enterprise and Innovation. Anete has also experience in conducting international peer-review based research assessment. Together with a team at Technopolis in early 2021, she completed the International Evaluation of Research Institutions activity in Latvia, covering all

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research institutions in the country. Anete is interested also in research careers and the mobility of scientists. She was part of the research team analysing the collaboration networks of diaspora scientists for the Ministry of Foreign Affairs of Latvia. Currently, Anete is working on a study for the DG RTD of the European Commission analysing the social security gaps that affect mobile researchers.
Anete is skilled in qualitative data analysis methods such as case studies, document analysis, in-depth interviews, group interviews, benchmark studies, etc. In addition, she has experience in applying some quantitative approaches, especially surveys. Anete has strengthened her methodological skills by participating in two methods summer schools organised by the European Consortium of Political Research. Anete holds a PhD in Political science from the University of Latvia. After her doctoral studies, she received a research scholarship from the Association for the Advancement of Baltic Studies and spent a post-doctoral period performing research at the Georgia Institute of Technology in Atlanta, USA.

Nicholas Vonortas

George Washington University

Nicholas Vonortas is Professor of Economics and International Affairs at The George Washington University in Washington D.C. He is a faculty member of the Department of Economics, of the Institute for International Science and Technology Policy (IISTP), and of the Trachtenberg School of Public Policy and Public Administration. He is currently the Director of the IISTP and the MA program on International Science & Technology Policy. His areas of expertise are economics of technological change; industrial organization; and science and technology policy.
Professor Vonortas currently holds a 'São Paulo Excellence Chair' in Technology and Innovation Policy at the Universidade Estadual de Campinas (UNICAMP), State of São Paulo, Brazil. He is a Leading Research Fellow at the Institute for Statistical Studies and Economics of Knowledge, National Research University Higher School of Economics (HSE), Moscow, Russian Federation. He is a Visiting Professor at the Schwarzman College, Tsinghua University, Republic of China. He also serves as a member of the Innovation Policy Forum of the U.S. National Academies of Science.
His teaching and research interests are in industrial organization, in the economics of technological change, and in technology and innovation policy and strategy. He specializes on strategic partnerships/innovation networks, investment under uncertainty, technology transfer, knowledge-intensive entrepreneurship, and R&D program evaluation. He has published widely on these issues.
Professor Vonortas is editor of the peer-reviewed journal Science and Public Policy.

Isabella Wagner

fteval – Austrian Platform for Research and Technology Policy Evaluation

Isabella E. Wagner is coordinator at the Austrian Plattform for Research and Technology Policy Evaluation (fteval), as well as researcher and scientific project manager at the Centre for Sozial Innovation (ZSI) in Vienna. In her research she specialised on cooperation and communication aspects in socio-technical systems. With her experience in international cooperation in science and beyound she is the main operative organiser of the REvaluation 2021 Conference.

W

Magdalena Wailzer

Open Innovation in Science Center, Ludwig Boltzmann Gesellschaft

Magdalena Wailzer works at the Open Innovation in Science Center of the Ludwig Boltzmann Gesellschaft. She supports research teams to systematically and strategically leverage the societal impact of their research activities by developing and applying resources and tools and providing training and consultation throughout the research process. Her background is in business administration with a focus on strategy and innovation, where she investigated performance and impact measurement in social enterprises. Before, Magdalena collected experience in a variety of industries, including the higher education sector and the non-profit and societal entrepreneurship sector.

Elisa Wallwaey

Fraunhofer Institute for Systems and Innovation Research ISI

Elisa Wallwaey studied social sciences (B.A.) and international criminology (M.A.). After her period of study she was employed at the Max Planck Institute for Foreign and International Criminal Law working on a project on espionage in German SMEs. In February 2019 she joined the Fraunhofer Institute for Systems and Innovation Research ISI as a research associate. Her work focuses by and large on the evaluation of science and innovation policy programmes.

Anna Wang

AIT Austrian Institute of Technology, GmbH

Anna Wang is an Expert Advisor at the Center for Innovation Systems & Policy at AIT - Austrian Institute of Technology. She double majored in economics and political science (BA) at Bates College (ME, USA) and obtained her Masters in International Studies from the Diplomatic Academy of Vienna. She has worked on national and international projects in the field of RTI-policy and policy instruments. She has focused on the evaluation and impact assessment of national and European research and innovation policies. A particular focus in her work is on the design and evaluation of novel innovation policy instruments in the area of regulatory experimenting and regulatory sandboxes for energy system transformation.

Katharina Warta

Technopolis Group | Austria

Katharina Warta is managing partner of Technopolis Austria. Research and innovation policy is the focus of her work, applied to projects in the fields of evaluation, management and strategy as well as in programme design and process support. She is an economist (University of Vienna, 1994) and group dynamics trainer (Austrian Working Group for Group Therapy and Group Dynamics, ÖAGG, 2016). Before joining the Vienna team of Technopolis, she was based in Paris (1999-2005) and researcher in the Technology Policy Division of the Austrian Research Centres (now AIT- Austrian Institute of Technology, 1996-1999). From 2012 to 2020 she was chairwoman of the Austrian platform for research and technology policy evaluation fteval.

List of Contributors

W

Jan Wessels
VDI/VDE-IT

Dr Jan Wessels works as a senior consultant at VDI/VDE-IT, Berlin for more than 22 years in the area of innovation and technology policies. Since 2018, he is head of the Innovation Policy, Evaluation and Monitoring Section of VDI/VDE-IT. The focus of his work at VDI/VDE-IT lies in the analysis of European and national innovation systems and policies as well as in the impact assessment and evaluation of public innovation and technology programs in Germany and abroad. Recent evaluation projects targeted at start-up support measures, electro mobility funding schemes and an SME focused support measure in Eastern Germany. In innovation politics, he is actually coordinating a policy advice and support measure for the strategic department of the German Federal Ministry of Education and Research.
Dr Jan Wessels is one of the coordinators of the Evaluation Section of the Institute for Innovation and Technology within VDI/VDE-IT. Between 2007 and 2018, he was also co-speaker of the working group on evaluation in the area of research, technology and innovation policies of DeGEval, the German and Austrian Evaluation Society.

Magdalena Wicher
IHS - Institute for Advances Studies

Magdalena Wicher is working on the potential of responsible and sustainable research (RRI – Responsible Research and Innovation) and its impact on and interaction between society, science and policies. Since 2017 she is a member of the research group “Science, Technology & Social Transformation” and has been working on implementing, evaluating and monitoring of RRI. Currently she is involved in the project Scientific Understanding and Provision of an Enhanced and Robust Monitoring system for RRI (SUPER MoRRI) and responsible for the work package on “Societal, scientific, democratic and economic benefits of RRI” and involved within the project Accompanying Research PPIE.

Lydia Wiederholt
Student of Georgia Tech, School of Public Policy and ROCS Lab

Lydia Wiederholt is an undergraduate student studying public policy at Georgia Tech in Atlanta, Georgia. She is a student research assistant in the Research on Careers in Science (ROCS) Lab where she has analyzed state-level S&T strategic plans and explored the attitudes of online teaching assistants in the OMSCS program.

W

Harald Wieser

KMU Forschung Austria / Austrian Institute for SME Research

Harald Wieser works at the Austrian Institute for SME Research as a senior researcher in the fields of innovation policy and evaluation. His main research interests are in processes of transformational economic change, with a focus on the dynamics of markets and new forms of provisioning. Harald has been conducting studies on the transformation towards a Circular Economy for more than 7 years. Currently he is involved in evaluations of the "7th Energy Research Programme" and the aws "digitalisation – trustworthy AI" programme as well as in the development of a monitoring system for "mobility of the future". He holds an MSc in Socio-Ecological Economics and Policy from Vienna University of Economics and Business and a PhD in Innovation Policy and Management from The University of Manchester.

Tim Willemse

Leiden University, Centre for Science and Technology Studies (CWTS)

Tim is a researcher with a background in innovation science and energy science. He holds a Bachelor degree in Science and Innovation Management and a Master degree in Innovation Sciences from Utrecht University. In his work he looks at what regional characteristics contribute to successful innovation practices and strategies. He currently works at the Centre for Science and Technology Studies of Leiden University, where he participates in multiple European projects involving science/technology mapping, Smart Specialisation (RIS3) and Responsible Research and Innovation (RRI).

Philipp Witibschlager

BMK - Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology

Philipp Witibschlager studied Business Administration at the Vienna University of Economics and Business and Aston Business School in Birmingham (UK), specialising in strategic and innovation management. During his studies of Political Sciences, he focused on questions of political communication. He has been working at the Austrian Federal Ministry of Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK) since 2016, where he is responsible for planning, implementing and coordinating funding programmes for research and technology, such as COMET, Frontrunner, Seedfinancing or Green IP. In this role, independent and objective evaluations play a key role to engage in evidence-based research policy. As of spring 2020, Philipp Witibschlager is acting secretary of the Fteval platform.

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Florian Wittmann

Fraunhofer Institute for Systems and Innovation Research ISI

Florian Wittmann is a senior researcher and project manager at the Fraunhofer Institute for Systems and Innovation Research ISI in Karlsruhe, Germany. He is part of the scientific support action to the German Hightech Strategy 2025. He studied political science and economics in Munich, Regensburg and Cracow and obtained his PhD in Political Science from the University of Bremen. His research interests include mission-oriented innovation policy, transformation processes and the implementation of complex (multi-level) policies.

Birgit Woitech

Austrian Science Funds (FWF)

As programme manager, Birgit Woitech has been in charge of the FWF's doctoral programmes since 2010. In addition, she is also responsible for the FWF's service business as well as research and economy-related activities. Prior to that, she worked for more than ten years at Joanneum Research, at the Institute for Technology and Regional Policy in Vienna. The focus of her work was broad; originally coming from labour market policy, the focus has increasingly shifted to gender, regional policy, research and technology policy. The interest in and involvement with evaluation was a unifying element across all content areas. During her time at Joanneum Research, she was actively involved not only in evaluation studies but also in the development of the fteval standards of evaluation and always followed the work of the platform with great interest. In her work at the FWF, the focus is now more on the evaluation of scientific projects and the continuous examination of review processes, quality criteria and standards. Since November 2020, she has been deputy chairwoman of the fteval platform.

Sandrine Wolff

Université de Strasbourg

Sandrine Wolff is an Associate Professor at the University of Strasbourg since 1993. She carries out research at the Bureau of Theoretical and Applied Economics (BETA) in the field of economics of science and innovation. She is especially interested in inter-organisational collaborations as well as impact evaluation of research and innovation programmes and she has many publications in international journals on these topics. Moreover she supervised the FP7 EvaRIO project about socio-economic impacts of very large research infrastructures.

W

Angela Wroblewski
IHS - Institute for Advances Studies

Born 1969 in Vienna, studied Sociology at the University of Vienna (1990-1994), doctoral studies in Sociology at the University of Vienna (1994-1996). Postgraduate course in Sociology at the IHS (1996-1998). Postgraduate Diploma in Social Science Data Analysis (University of Essex, UK, 2004), Master Studies at the University of Essex in Social Science Data Analysis (2004-2006) Since 1998 member of the academic staff at the IHS. Lecturer at the Vienna University of Economics and Business Administration and the University of Vienna.
Main areas of research: (Higher) education research with a focus on question about gender, evaluation of equal policy in science, education and labour market, qualitative and quantitative methods and their triangulation.

Merve Yorulmaz
Fraunhofer Institute for Systems and Innovation Research ISI

Merve Yorulmaz has been a researcher in the Competence Center Policy and Society at the Fraunhofer Institute for Systems and Innovation Research since 2019. She holds a Master's degree in Management, Culture Studies and Linguistics from the University of Mannheim (Germany) where she worked as a tutor and scientific assistant (2015-2018). Between 2013-2015, she gained practical experiences in the field of Business Consulting and Diversity Management. At Fraunhofer, she is currently engaged in (H2020) projects in the field of Gender Equality and Diversity (EFFORTI), Social Innovation and Impact Assessment (NewHoRRIzon, SuperMoRRI) and Mission-Orientation (Scientific Support to the German High-Tech Strategy 2025).

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AUSTRIAN PLATFORM FOR RESEARCH AND TECHNOLOGY POLICY EVALUATION (fteval)
c/o ZSI – Centre for Social Innovation GmbH
Linke Wienzeile 246, 1150 Vienna, Austria
T +43 1 495 04 42 - 33
F +43 1 495 04 42 - 40
E office@fteval.at
W www.fteval.at

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