



A networking event together with our EUCOR partners

History of the DFIU

Organizational Structure

Founded in 1991 by Prof. Dr. Otto Rentz and Prof. Dr. Lothaire Zilliox, the DFIU is closely linked to the Institute for Industrial Production (IIP) in both organizational and staffing terms.

Key Figures Since Foundation

- 18.6 Mio € funds raised
- 67 completed PhD theses
- 7 habilitations
- 210 completed projects
- 127 scientific staff members

Scope of Activities

At DFIU and in cooperation with our international partners, we develop joint solutions for environmental problems in the Franco-German context and beyond - particularly in the areas of energy, circular economy, air, water and land use, and territorial management.

Therefore, the research at DFIU is "by nature"

- **interdisciplinary** across different disciplines
- **international** across different national borders
- **intradisciplinary** across different societal groups: knowledge transfer & societal impact.

Our projects and partnerships are active at the regional level (Alsace / Baden-Württemberg), bi- and trinational level (France / Germany / Switzerland), as well as at European and international levels (e.g. Australia, USA, Chile, Brazil).

DFIU Workshop 16 May 2025



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Workshop Program

Poster contributions:

- A.-H. Abigail (Fraunhofer ISI): *High Well-Being, Low Consumption: How Sufficiency Lifestyles Can Contribute to Climate Change Mitigation*
- M. Hadi (UHA - IRIMAS): *Artificial Intelligence for second life battery usage*
- A. Jabbarova (UniStra - ICPEES)
- M. Z. Larro (Fraunhofer ISI): *Justice Perceptions in Carbon Management*
- L. Scharnhorst (KIT - IIP): *Empirical Investigation of the Value of Security of Supply in Private Households - A Case Study in the Energy Smart Home Lab*
- A. Schneider (KIT - IIP): *Techno-economic and environmental analysis of PtL-processes and necessary supply systems*
- D. Sloot (KIT - DFIU): *Establishing Two Types of Household Energy Conservation: A Meta-Analysis the Effects of Financial Incentive Interventions in Reducing Overall and Peak Electricity Consumption*
- J. Stelzer (KIT - IIP): *The Impact of Midterm Storage on Electricity Markets*
- D. Temnov (KIT - IIP): *The TFTEI Task Force as a Model for International Collaboration: Advancing Techno-Economic Solutions for Transboundary Air Pollution*
- A. Tournier & J. Sangwa (UHA - GRECO): *Meaning inconsistencies related to ecological transition*
- J. Vogl & S. Stumpf (KIT - IIP): *Perspectives on the Residential Energy Transition: Exploring Demand-Side Optimization Goals and Social Response*
- L. Wagner (KIT - IIP): *A French-German Comparison of Policy Acceptance: Influence of Technology Type and Earmarking*

From 9:30 - Reception & coffee

10:00 – Words of Welcome

Prof. Marc Wouters - Dean of the Faculty of Economics at KIT

Prof. Frank Schultmann and Prof. Wolf Fichtner - Directors of IIP and DFIU

Dr. Kristin Limbach (DFIU) - Introduction on DFIU

10:30 - Keynote: Prof. Corinne Faure (GEM)

Behavioural Insights on Acceptability of Low Carbon Energy

Insights from large-scale experiments on technology adoption (e.g. smart thermostats, appliance ownership) and policy acceptance (e.g. energy labels, electricity imports, wind power)

11:20 - Presentation: Dr. Daniel Sloot (DFIU-KIT)

DFIU-GEM Survey on Public Attitudes towards the Energy Transition: Combined Results from 2023 and 2024

12:15- Lunch buffet

13:15 - Keynote: Dr. Nadège Blond (CNRS-LIVE)

Urban transformations in a context of global changes : Interdisciplinary and integrated research on energy, air pollution, and climate issues

The context of global change, and climate change in particular, is a major driver of urban transformation. Cities are major contributors to emissions, pollutants and exacerbating local climate conditions, but they also offer numerous opportunities in response to the many challenges faced by our societies.

14:00 – Roundtable Discussion: Innovative Interdisciplinary Teaching Formats for the Energy Transition

B. Canaan – B. Laroze – D. Ould Abdeslam – S. Rosenberg – P. Sawant

15:00 - Coffee break

15:30 – PhD & Postdoc Poster Session

17:00 - Wrap-up of the workshop