

EUFORIE – European Futures for Energy Efficiency

EU Introduction

EUFORIE responds to the EU Horizon 2020 Work Programme 2014–15 theme “Secure, clean and efficient energy”. The project studies energy efficiency from different perspectives by applying methodologies developed in previous EU FP6 and FP7 projects, “Development and Comparison of Sustainability Indicators” (see www.decoin.eu) and “Synergies in Multi-scale Inter-Linkages of Eco-social systems” (SMILE, see www.smile-fp7.eu). The project consortium consists of non-profit research organisations with a strong background in socio-economic energy research and/or sustainability indicators/evaluation. The project started on March 2015 and it will be completed during 45 Months.

EUFORIE Objectives

EUFORIE studies energy efficiency at different spatial scales and from different perspectives and uses different analysis tools by an interdisciplinary research consortium. The scales of analysis include macro level (EU as a whole and comparison to China), national level (EU-28 Member States), sectorial/company level (selected energy-intensive sectors and companies) and household level, taking into account the perspectives of energy production and consumption. The project uses also participatory foresight workshops to provide new information for energy policy preparation in the EU and its Member States.

EUFORIE Work Plan

The project includes nine Work Packages. The Research and Innovation WPs focus on (1) macro-level analysis on energy efficiency, EU as a Whole and EU-28 Member States, (2) regional and sectorial case studies on energy efficiency, and (3) energy efficiency metabolism in socio-economic systems by using innovative analysis tools developed by the EUFORIE consortium beneficiaries in previous projects financed by the EC. Moreover, the project analyses energy efficiency from the consumer perspective and energy efficiency development in selected energy-intensive companies by using the previously developed analysis tools. Last but not least, the project implements a participatory foresight process for energy efficiency stakeholders in selected countries, and a comparison of energy efficiency in the EU and China.



This project is supported by the European Commission
Horizon2020 Research and Innovation Programme

EUFORIE Expected Results

The expected results include new information on energy efficiency from a large set of different perspectives, and a productive foresight process bringing out good elements for developing energy efficiency policies in the EU at the community and Member State level. The expected impacts of the EUFORIE project are nothing less than implementation of comprehensive energy efficiency strategies, supported and made stronger by large understanding of benefits and costs as well as by the implementation of a participated decision making process. The follow-up may witness decreased energy use locally, nationally and globally, as well as decreased material use, increased recycling, and decreased emissions into air, water, and soil.

EUFORIE Partners

- University of Turku, Turku School of Economics, Finland Futures Research Centre (Lead partner)
- Parthenope University of Naples, Department of Sciences and Technologies
- Autonomous University of Barcelona, The Institute of Environmental Science and Technology
- Sustainable Europe Research Institute Germany

Contact

Dr. Jarmo Vehmas
Project Coordinator
Finland Futures Research Centre
Turku School of Economics, University of Turku
jarmo.vehmas@utu.fi
+358 2 3339 835



Turun yliopisto
University of Turku



FINLAND FUTURES
RESEARCH CENTRE



UAB
Universitat Autònoma
de Barcelona

