

## EUFORIE – EUROPEAN FUTURES FOR ENERGY EFFICIENCY

The EUFORIE project studies energy efficiency at different levels and in different spatial, temporal and functional scales. The project consortium has a strong background in socio-economic research on energy and sustainable development. The project started in 2015, and will be completed by the end of 2018.

### Objectives

The main objective of the EUFORIE project is to provide new information on energy efficiency for different stakeholder groups, and for energy policy preparation in the EU and its Member States.

### Work Plan

The EUFORIE project focuses on multi-scale analysis on energy efficiency. At national level, focus is on the effects of energy efficiency to changing energy consumption and CO<sub>2</sub> emissions in the EU Member States, and on a comparison between the EU and China. At other levels, the project carries out case studies on the bottlenecks and potential improvements in energy efficiency; both in processes where energy carriers are produced from primary energy sources, and where energy carriers are used in different end-use processes. Moreover, the project identifies effective policies and measures to reduce energy consumption in households, and suggests energy efficiency indicators and improvements to energy reporting of companies interested in improving energy efficiency. In parallel, the project implements a participatory foresight process for energy efficiency stakeholders. Based on the achieved results, the EUFORIE project arranges a final conference on 13–14 June 2018 in Tampere, Finland.

### Expected Results

New and useful information on energy efficiency at different levels and from different perspectives is expected, for stakeholders of energy efficiency policies in the EU and the Member States. The EUFORIE project makes suggestions for a content of a European energy efficiency strategy, which are supported and made stronger by large understanding of benefits and costs of energy efficiency. The implementation of the EUFORIE suggestions may result improved energy efficiency policies in the European Union with decreased energy, material, and environmental intensities.

### Partners

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

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