


ENERGISE

EUROPEAN NETWORK FOR RESEARCH, GOOD PRACTICE
AND INNOVATION FOR SUSTAINABLE ENERGY 

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DELIVERABLE 2.5

PRODUCTION OF 30 NATIONAL SUMMARY BRIEFS

EXECUTIVE SUMMARY

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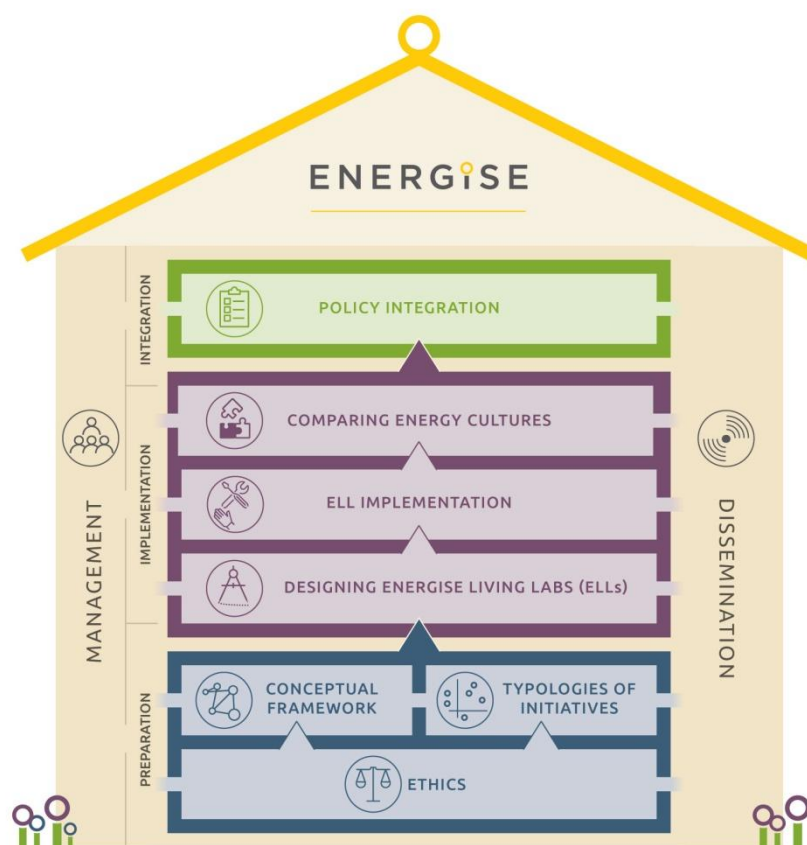
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ENERGISE PROJECT

ENERGISE is an innovative pan-European research initiative to achieve a greater scientific understanding of the social and cultural influences on energy consumption. Funded under the EU Horizon 2020 programme for three years (2016-2019), ENERGISE develops, tests and assesses options for a bottom-up transformation of energy use in households and communities across Europe. ENERGISE's primary objectives are to:

- **Develop an innovative framework** to evaluate energy initiatives, taking into account existing social practices and cultures that affect energy consumption.
- **Assess and compare the impact** of European energy consumption reduction initiatives.
- **Advance the use of Living Lab approaches** for researching and transforming energy-related practice cultures.
- **Produce new research-led insights** into the role of household routines and changes to those routines towards more sustainable energy.
- **Encourage positive interaction** between actors from society, the policy arena and industry.
- **Effectively transfer** project outputs towards the implementation of the European Energy Union.



EXECUTIVE SUMMARY

This document (ENERGISE D2.5) provides an overview of national energy and supply dynamics across 30 European countries. The Deliverable encompasses reviews of the current state of the art and existing trends in national energy policies, energy systems and energy campaigns in each of the 30 countries. To enhance accessibility and engagement with the material, the information gathered is presented in 30 independent National Briefs. This format also permits follow on cross country comparison. For example, an analysis of the data presented in this comprehensive document reveals large variations across Europe in relation to final energy consumption for households (MWh/capita), shares of fuel in final residential energy consumption and residential final energy consumption by type of end-use. However, there are also interesting similarities across the continent, i.e. in energy consumption patterns for space heating.

This collection of national briefs is an extremely useful resource for researchers and policy makers alike. In addition to providing an overview of the quantitative data per country, this collection delves deeper and provides relevant context and discussion which can assist when exploring how these variations and similarities occur. Specifically, the briefs provide contextual overviews of particular socio-material aspects at play in each country that may influence energy consumption levels, as well as insights into national (and in some cases regional) energy policies, including how energy consumption is understood and targeted.

Finally building on from work conducted as part of Deliverables 2.1 and 2.4, this collection includes 30 case study examples, overviewing one sustainable energy consumption initiative (SECI) from each country. These in-depth examples were selected as they have been identified as cases which highlight understanding energy consumption as an outcome of everyday life dynamics and complex interactions between multiple actors, institutions and infrastructural aspects. These SECIs will provide good practice examples for those interested in firstly understanding socio-material aspects of energy consumption and subsequently incorporating these aspects into future targets and strategies.