

REEEM

Horizon 2020 – Low Carbon Energy (LCE21) Modelling Project





Overview

Objective

To gain comprehensive understanding of the **system-wide implications of energy strategies**.

Focus

Energy strategies focus on transitions to a competitive low-carbon EU energy society, as described by the Strategic Energy Technology (SET) Plan.

Methodology

A large ensemble of models to study the role of technologies, innovation and consumers in EU decarbonisation pathways.

Integrated economic, environmental and social **impact assessments** produced.



Status

WP	Core task	Current status
WP1	Definition of pathways	Internally consistent qualitative narratives (like Shell New Lens)
WP2	Technologies	Tech. Innovation workshop early 2017; Tech. Roadmaps with IRL index (Innovation Readiness Level)
WP3	NEWAGE - CGE model	Including tech. Innovation, working on spatial aggregation/dis.
WP4	Society	UCL, developing consumers behaviour modelling frameworks
WP5	Environment	LCA, Ecosystem services, Emission dispersion, Hydrology
WP6	TIMES Pan – EU model	Including tech. Innovation, working on spatial aggregation/dis.
WP7	TIMES Pan – EU model	Dissemination, Collaboration with LCE21 projects, Creation of Energy Modelling annual event



LCE21 projects initiative

Collaboration platform between LCE 21 projects coordinated by INEA

Each project assigned leading role for the others, wrt one specific thematic area

REEEM – Pathways

Exchange of scenarios, proposing common scenarios of particular relevance

SET-Nav – Methodology

Workflows and linking between models

MEDEAS – Data categorisation

Management and creation of large of input/output databases

REFLEX – Dissemination & Exploitation

Organisation of joint dissemination events and publications



EMP - Europe

Deliverable of REEEM project. It culminates in annual meeting.

Objective

Analysis and comparison of EU-wide, regional and national models of SET Plan-guided transitions to a low carbon EU economy: strengths, weaknesses, developments, integration.

Focus

European and member state development priorities vis-a-vis the Energy Union Dimensions and the SET Plan Challenges.

First meeting

3 days event, Spring 2017. INEA and LCE21 collaborating to frame the event. Possibly next to OpenMod meeting.



REEEM Consortium

