FROnT

FAIR RHC OPTIONS AND TRADE

NATIONAL CONSULTATION PLATFORMS

Project Presentation

Co-funded by the Intelligent Energy Europe Programme of the European Union

IEE/13/848/SI2.675532 FROnT

PROJECT SUMMARY

- Promoting a level playing field for Renewable Heating and Cooling in Europe
- Identifying Strategic Policy Priorities
- Setting the frame for efficient and effective support schemes for RHC
- Enhancing clear and transparent communication with European consumers

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CONSORTIUM

European Trade Associations
-AEBIOM (biomass)
-EGEC (geothermal)
-EHPA (aero & hydrothermal)
-ESTIF (solar thermal)

Energy Agencies
-NL Agency (Netherlands)
-KAPE (Poland)
-ADENE (Portugal)
-IDAE (Spain)
-EST (UK)

Experts:
-Eclareon (market, LCoE)
-AIT (technical, costs)
-Quercus (consumer, communication)

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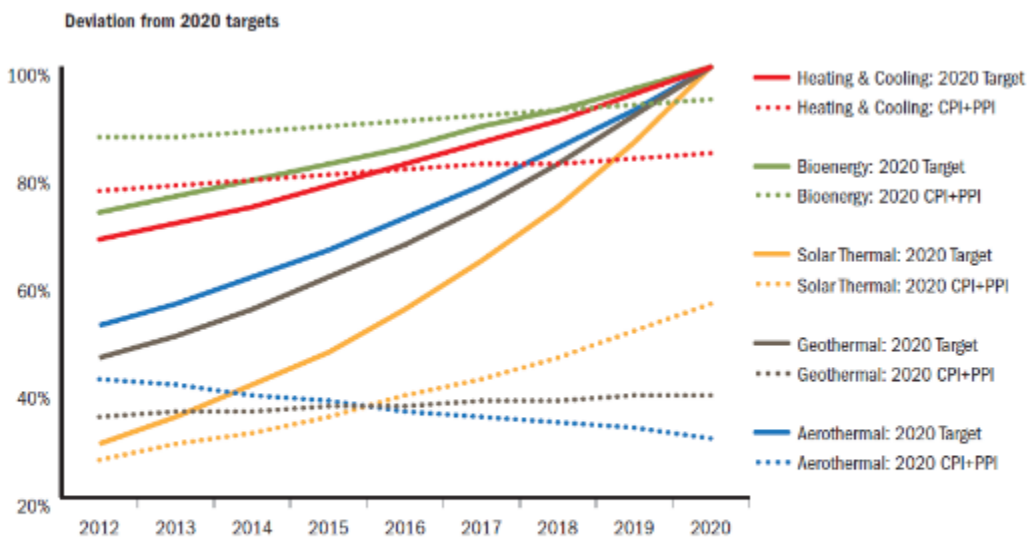
BACKGROUND



Key:
CPI+PPI: projections combining current policy initiatives (CPI) and planned policy initiatives (PPI)
2020 target: total resulting from the compilation, of national targets set by EU member states in the NREAP (National Renewable Energy Action Plans).The 2020 target for each technology is used as the reference value for the projections in the graph.

While in the short term (2012) the heat sector appears most advanced among all energy sectors, scenarios show that in order to meet the 2020 NREAP targets significant improvements in the related policy framework are of need. At technology level within the heat sector, heat pumps, solar thermal collectors as well as mid- to large-scale geothermal heating systems may most urgently require additional initiatives in order to let them play their role in meeting the 2020 RES obligations.

Renewable energy progress and biofuel sustainability, ECOFYS et al, 2012

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BACKGROUND

Need to understand RHC sector

- Costs
- Potential
- Market

Need to understand H&C consumer

- Needs & expectations
- Key decision factors

Need to identify best practices for RHC support policies

- Evaluate existing schemes
- Identify key success factors
- Integrated approach to RHC sector

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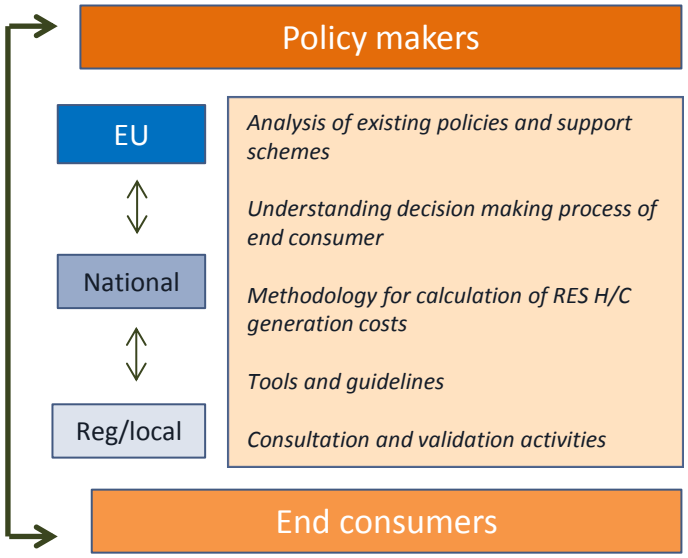
PROJECT OBJECTIVES

- To promote the implementation at national and European level of strategic policy priorities that can contribute to efficiently and cost-effectively implement the NREAPs
- To facilitate the setting-up of improved and sustainable RHC integrated support schemes
- To support a better insight of the value of the energy supplied by RHC systems, promoting transparency and clarity towards end-users and other stakeholders
- To improve the understanding of the end-users decision making process with regard to heating and cooling systems in order to develop tailored approaches and facilitate adequate measures enhancing the uptake of RHC



FrONT provides a practical framework and know-how for the activities that are needed

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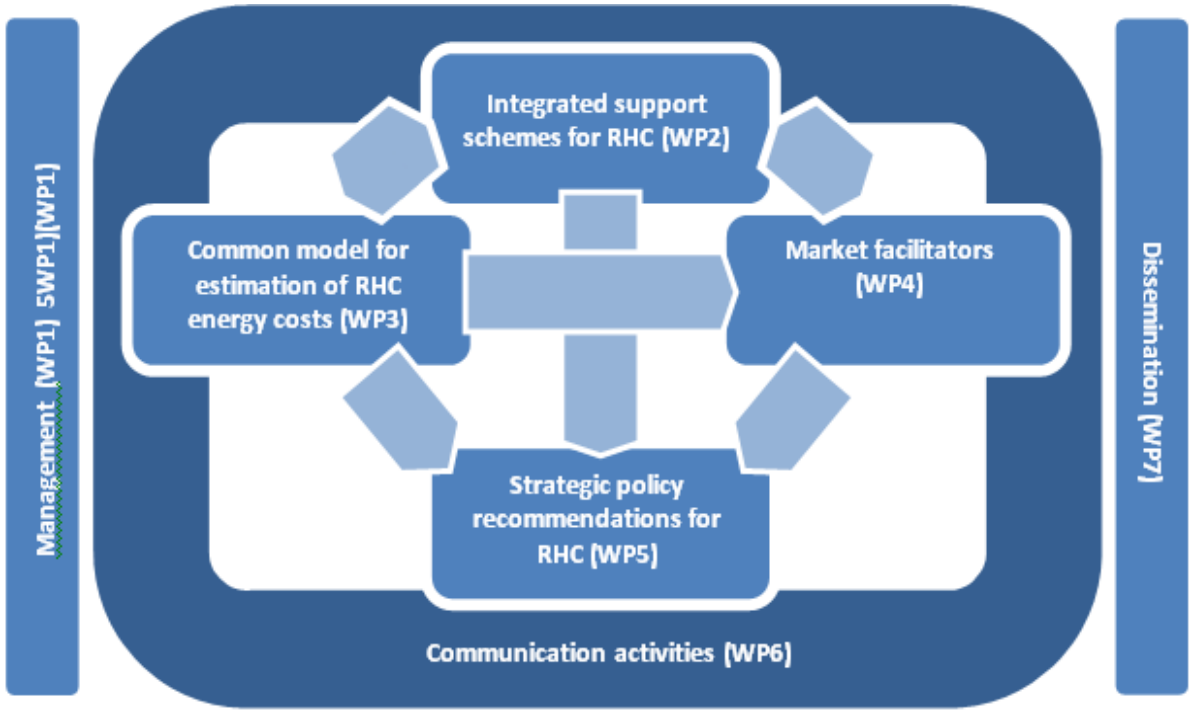
STRUCTURE



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EXPECTED IMPACTS

Level playing field for RHC

- understanding of the levelised costs of heating and cooling
- valuing better the positive externalities of RHC technologies

RHC has a more important place in the energy mix and future strategies

- successful support schemes for RHC impacting 2020
- better understanding and use of decentralised solutions within energy mix

More information on RHC options available on the market, stimulating end-user demand

- More, better and clearer information available to consumers

Assessment of RHC based on value of energy supplied in kWh becomes common practice

- Understanding potential and role of RHC
- Base support schemes in reliable comparisons

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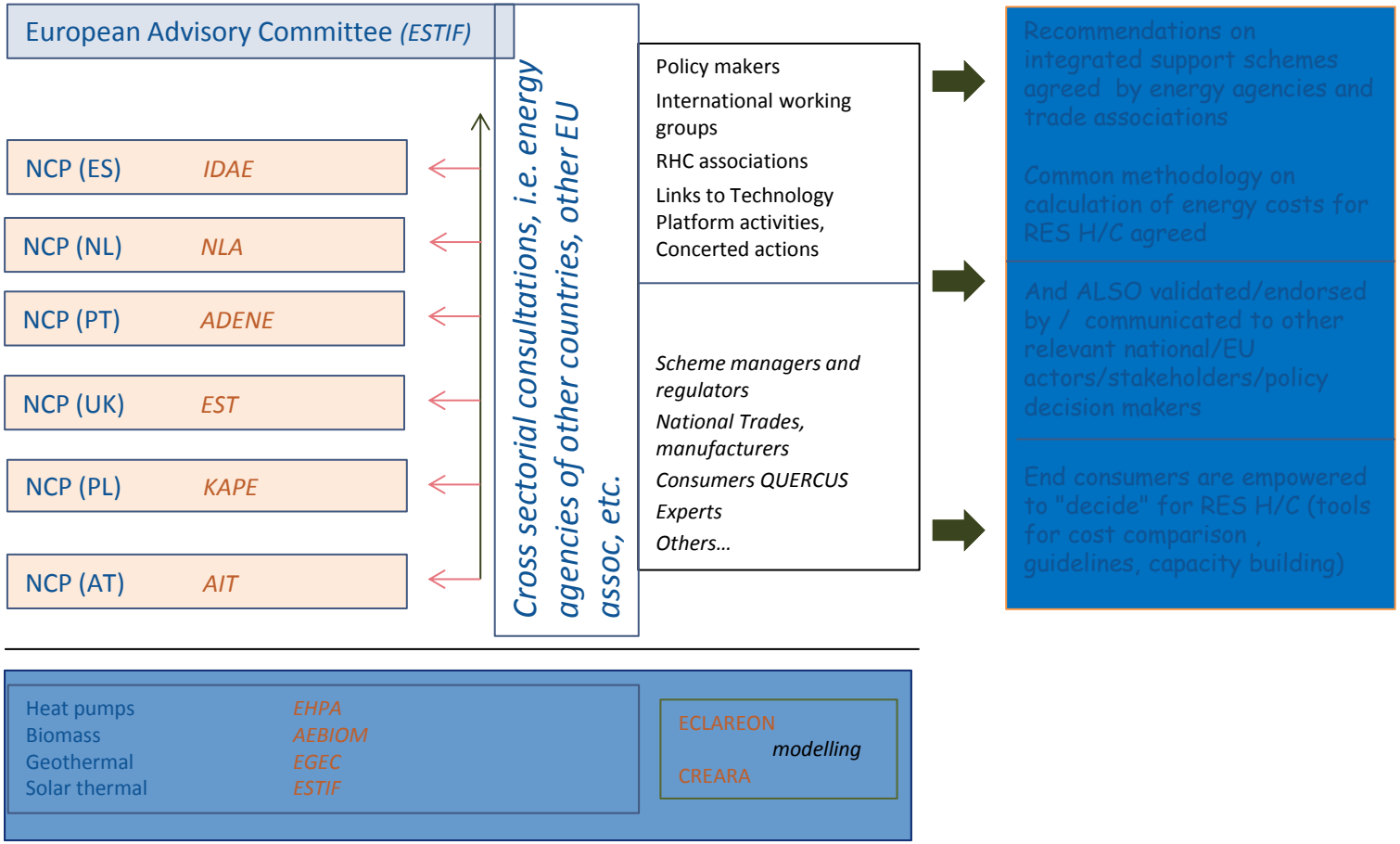
CONSULTATION ACTIVITIES AND PROJECT IMPACTS



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INFORMATION

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