

Join us today and shape the future of RHC in Europe!

Take an active role in shaping Europe's future strategic and research priorities for the renewable heating and cooling sector: **become a Member of the RHC-ETIP!**

Membership of the RHC-ETIP is free of charge and on a voluntary basis. To apply, please visit www.rhc-platform.org and fill in the online application form.



Key benefits for members of the RHC-ETIP:

1

ADVISE

Pro-actively advises on the definition of the priority areas for EU policy and research funding for renewable heating and cooling technologies.

Participate in conferences and working groups, with the possibility of being elected to the Steering Committee of one of the five Technology Panels (Biomass, Geothermal, Solar Thermal, Cross-Cutting and Heat Pumps).

2

PARTICIPATE

3

ACCESS KEY INFO

Personalised access to the dedicated "Members area" of the website with **exclusive access to internal documents** and full contact details of each Member of the RHC-ETIP.

Get the latest news on activities and developments from the Technology Panels.

4

STAY INFORMED

RHC-ETIP Secretariat
c/o EUREC

RHC Renewable Heating & Cooling

European Technology and Innovation Platform

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The Secretariat of the RHC-ETIP is jointly managed by:



Coordinator



The European Technology and Innovation Platform on Renewable Heating and Cooling (RHC-ETIP) is officially endorsed by the European Commission and its activities are supported by the European Union under contract No PP-2041/2014



European Technology and Innovation Platform on Renewable Heating and Cooling
www.rhc-platform.org

RHC Renewable Heating & Cooling
European Technology and Innovation Platform

Who we are

Endorsed by the European Commission, the European Technology and Innovation Platform on Renewable Heating and Cooling (RHC-ETIP) today brings together over 800 stakeholders representing all renewable energy technologies for heating and cooling from industry, research, and the public sector from all over Europe.

The RHC-ETIP's mission is to provide a framework for stakeholders to define and implement an innovation strategy to increase the use of renewable energy sources for heating and cooling, and to foster the growth and the market uptake of the relevant industries.

How we work

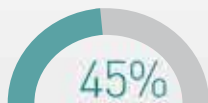
RHC-ETIP: The Board is the highest decision-making body of the RHC ETIP and is responsible for providing guidance to the activities of the RHC-ETIP. Ad hoc Horizontal Working Groups on research and policy topics contribute to the achievement of the RHC ETIP's objectives.

Secretariat: The RHC-ETIP is jointly managed by five associations:



Technology Panels: The RHC-ETIP consists of five Technology Panels which include all renewable heating and cooling sources and technologies. Acting under the guidance of the respective Steering Committees, each Panel is responsible for collecting and developing stakeholders' inputs from the respective sectors.

The scope and operational structure of the RHC-ETIP ensure a balanced and active participation of the EU stakeholders at the appropriate levels, including all interested industries, scientific research organisations, public authorities and civil society.



In 2015, heating and cooling accounted for 45% of the final energy consumption in the EU.

We work for a sustainable heating & cooling framework in Europe!

What do the panels do?



The **Solar Thermal Technology Panel** is composed of three Focus Groups:

1. Solar thermal systems for buildings
2. Solar heat for industrial applications
3. Market deployment, strategy and scenario development



The **Geothermal Technology Panel** is composed of three Focus Groups:

1. Shallow geothermal heat pump systems
2. Deep geothermal
3. Non technological issues



The **Biomass Technology Panel** is composed of four Issue Groups:

1. Biomass fuels (whole supply chain)
2. Technologies for residential heating
3. Technologies for industries and district heating
4. Non technological issues (markets, policies, communication, training)



The **Cross-Cutting Technology Panel** is composed of three Focus Groups:

1. District Heating and Cooling
2. Thermal Energy Storage
3. Renewable energy Hybrid Systems



The **Heat Pumps Technology Panel** focuses its activities on the following priority topics:

1. Solutions in industrial process
2. Thermal storage
3. Integration in smart grids (through demand response)
4. Increasing the potential of district heating, cogeneration and other renewable technologies.
5. Use of waste heat (other clean and innovative processes)

Achievements and Activities

2011

In 2011, the RHC-ETIP published the **Common Vision** for renewable heating and cooling in Europe in 2020, 2030 and 2050.

Main message: RHC can cover 25% of the heat demand in 2020, 50% in 2030 and 100% in 2040.



2012

In 2012, each of the four panels published its **Strategic Research Priorities**, which described their technological potential and the most important R&D needs.



2013

In April 2013, the **Strategic Research and Innovation Agenda** was published.

The Strategic Research and Innovation Agenda (SRIA) identifies the research and innovation activities and investments needed to make RHC technologies cost-competitive in all market segments (residential, non-residential, and industrial) in the short term (by 2020) and in the medium term (by 2030).



2014

Activities: In 2014, four technology panels have finalised their own technology roadmaps, providing an implementation plan for the SRIA. Also, Common Implementation Roadmap for Renewable Heating and Cooling Technologies was published, describing the top priority research themes and value chains with the highest impact on the societal challenges in Europe until 2020



2015-2017

Since 2015, the activities of the RHC-ETIP have been supported by the European Union under contract No PP-2041/2014.

Under this scope, the RHC-ETIP has delivered the initial set of expected documents, which are the "First report on the status of the implementation of the five Roadmaps", the "Intermediate analysis of the heating and cooling industry" and the "Intermediate report on the analysis of the heating and cooling consumers". All the documents are available on the members only area of the RHC-ETIP website.

