



The European Heat Pump Association is representing the European Heat Pump industry on EU-level in Brussels.

Members are:

- Heat Pump manufacturers
- national Heat Pump organisations
- research and test institutes

**Objectives:**

- Promote recognition of Heat Pumps as renewable energy devices
- Push for renewable heating and cooling directive
- Ensure implementation and expand scope of the energy performance in buildings Directive
- Promote Heat Pumps to consumers as energy efficient, environmental-friendly and long-term cost-efficient choice
- Encourage incentives to stimulate market take-up

**Current projects:**

- EU-CERT: is a project part funded by the European Commission and involves partners from Austria, Germany, Italy, Ireland, UK, Sweden, France, Czech Republic and Slovenia. The aims of the project are to have a common training and certification methodology for Heat Pump installers, to ensure that quality is maintained and that the qualification is recognised in all EU countries.  
The main progress has been on organizing the pilot training courses and the certification process. The manual will be translated into the languages of the partners countries.  
Certification will be at national level.

**Current projects:**

- SHERPHA:      The global aim of the SHERPHA project is to develop the next generation of Heat Pump systems using natural refrigerants such as ammonia, carbon dioxide or propane. These refrigerants have zero ozone depletion and low global warming potential.  
The project is an unusual partnership in that it is a collaboration between 19 small manufacturing enterprises and 10 research and technical institutions with two International Organisations as coordinators (GRETH and EHPA).

**Current projects:**

- Ground-Reach: Project has been proposed to EU-Commission. It will have 27 partners and a budget of 1,7 million euros. The objective is to meet the Kyoto target by GSHP technology. At present they are in contract negotiations. EHPA is a dissemination partner.
  
- Therra: This project was being coordinated by Senter/NOVEM and was concerned with developing a methodology for counting the benefits of renewable energy heating. Agreed that EHPA would be willing to take part in the discussions and that Onno Kleefkens would represent the EHPA.

**Committees:   - Strategy Committee (Karl Ochsner)****VISION**

Make Heat Pumps the preferred heating system and take the lead in renewable heating energy supply and cooling.

**GOALS / TARGETS**

- Increase the number of HPs primarily dedicated to heating sold from approx. 150 000 in 2004 to 500 000 by 2010
- Reduce the CO<sub>2</sub>-emissions with HPs by 10 % in 2010 in order to meet the EU Kyoto targets
- Contribute to saving primary energy and reduce dependence on gas or oil
- To promote HPs as a form of renewable energy and contribution to EU renewable targets
- To reduce pollution and contribute to human health by reducing micro particle emissions
- Make CO<sub>2</sub>-reductions by HPs part of international emission trade
- Make HPs an economic + environmental + prestigious success

**Committees:   - Strategy Committee (Karl Ochsner)****STRATEGY**

- Become voice of HP sector in EU, and back-up base for national actions
- Promote HPs to achieve Kyoto-targets:
  - ~ To reduce CO<sub>2</sub>-emissions
  - ~ To meet share of renewals
- Make HP recognized as RES-H-technology
- Create a unique term „environmental / ambient HEAT” to be included in the IEA /EU energy Statistic
- Create new business opportunities
- Stress economic benefit of the user as major customer benefit
- Communicate that HPs are the most efficient renewable heating system (global view) by using unlimited ambient heat (also for recovery)
- Become accepted knowledge-platform as base for legislation, standardisation in EU
- Involve utilities and other actors indirectly involved
- Make reduction of micro-particles emissions an issue
- Use communication and information as most effective tool

**Committees:   - Strategy Committee (Karl Ochsner)****ACTIONS**

- Appoint a lobbying consultant
  - ~ Formulate action / business plan
- Set-up an address/office space in Brussels
- Restructure the organization chart
- Raise funds
- Employ a secretary for internal & external communication
- Strengthen the management
- Formulate a business-plan highlighting the benefits to the various players
- Make an action plan with deadlines (Strategy Committee a.o.) and supervise it
- Publish statistical data
- State benefits separately for politicians, officials, planners, installers, users w/ marketing activities
- Operate information platform on:
  - ~ Incentives (for different countries)
  - ~ Ongoing activities (Website, Newsletter)



**Committees:**    - Labeling Committee (Martin Forsén)  
                             - Education Committee (Brigitte Bach)

**Website:**        [www.ehpa.org](http://www.ehpa.org) (Axel Lehmann)

**Newsletter:**     (Rayner Mayer)