

Invitation

**EHPA 3rd European Heat Pump
Forum | 20 May 2010**

EU Representation of Baden-Württemberg
Rue Belliard 60-62, B-1040 Brussels



Preamble

The European Heat Pump Association celebrates its 10th anniversary in 2010. The Association has therefore decided to organize the 3rd European Heat Pump Forum in Brussels to make it more easy for all participants to join us.



For over 10 years now, the European Heat Pump Association has actively been promoting the integration of heat pump technology into European legislation. And we can proudly say that we have been successful – heat pumps have found its way to Brussels and into the minds of policymakers. With the Directive on the promotion of the use of energy from renewable sources (2009/28/EC), energy from air, water and ground has been recognized as a renewable energy source and the directive also calls for the use of heat pump technology for the most efficient and sustainable way to produce hot water as well as for the heating and cooling process. The implementing measures (Lot 1, Lot 2 and Lot 10) made under the Eco-design Directive (2009/125/EC) concern all kind of energy-related products (including heat pumps) and aim to improve the energy efficiency and environmental performance of this technology. The energy performance of buildings Directive will strongly influence the construction sector towards more energy efficient buildings, a tendency that makes them even more suitable for the use of heat pumps.

The 3rd European Heat Pump Forum in Brussels (20 May 2010) takes place at a point in time when securing an affordable, environmentally friendly and stable energy supply is of key importance to actors on all policy levels. The execution of this necessity is nevertheless heavily influenced by the Economic crisis. Low prices for fossil fuels and the uncertainty on future economic developments leave individual builder/owners as well as building corporations hesitant to invest in future oriented heating/cooling systems all over Europe. 2009 has been the first year in a long time to see a decline of approx. 10 % in the number of heat pumps sold. However, the heat pump industry is convinced that this decline can be used to better prepare the whole value chain for the expected economic recovery.

The forum is part of a two day event organized by the European Heat Pump Association to enable the information exchange of its members and to inform all interested stakeholders on recent developments affecting the technology on a European scale. EHPA members will discuss current status and future activities of the Association during its general assembly on 19 May 2010.

All interested stakeholders – interested public, politicians, commission members, experts and industry colleagues – are invited to join us for the heat pump forum on 20 May 2010. The forum will present the most recent EU legislations relevant for heat pumps, illustrate the market developments in Member States and inform about the newest developments in the field of heat pump technology. A special focus will be put on hybrid systems.

Such efforts are key to EHPA activity as the Association, in close cooperation with its national members, constantly seeks to disseminate general and specific information on the benefits of a widespread application of heat pump technology.

A handwritten signature in black ink, appearing to read 'K. Ochsner', written in a cursive style.

Karl Ochsner, chairman EHPA

Programme

9:00	Welcome & Introduction	Karl Ochsner
	TRACK 1 Market framework: EU and Belgium	
9:20	The European Energy strategy	Hans van Steen, Head of Unit, DG Energy
9:45	Support for renewable energy and heat pumps in Belgium	Bart Bode, ODE
10:10	The European Market for heat pumps: Heat pump outlook 2010	Martin Forsén, EHPA
10:35	Coffee break	
	TRACK 2 Implementing European legislation	
11:05	Overview on national implementation of the RES Directive – the REPAP project	Lucie Tesnière, EREC
11:25	The calculation of RES contribution in EU energy statistics	Thomas Nowak, EHPA
11:45	Recognizing heat pumps in implementing the RES Directive: the renewable energy action plan in Belgium	Marc Frère, University of Mons
12:05	The Ecodesign Directive: status update	Michel Roffé-Vidal, Airwell
12:25	Lunch	
	TRACK 3 Heat pumps in a future energy scenario	
13:25	The need for smart grids for a reliable future energy supply	Hans ten Berge, EURELECTRIC
13:45	Heat pumps as support technology for larger wind integration in RES the electricity mix	Steen Kramer Jensen, Energinet.dk
14:05	Hybrid systems: Solarthermal and heat pumps	Marek Miara, Fraunhofer ISE
14:25	Coffee break	
	TRACK 4 Technology developments	
14:50	Industrial heat pump applications	Rainer Jakobs, IZW
15:10	Optimized compressors for heat pumps	Luigi Zamana, Emerson Climate Technologies
15:30	New developments in heat exchanger technology for Eco Cute heat pumps	Tomas Dahlberg, SWEP
15:50	Re-programmable controls	Biagio Lamanna, Carel
16:10	Closing remarks	Brigitte Bach, AIT
16:20	end of conference	

Venue

EU representation of Baden-Württemberg,
Rue Belliard 60-62 B-1040 Brussels

Accommodation

Brussels offers a wide range of accommodation opportunities. Please reserve a hotel close to the European Parliament. Among them are:

- The Stanhope,
Rue du Commerce 9, 1000 Brussels
- Renaissance Brussels Hotel,
Rue de la Parnasse 19, 1000 Brussels
- Radisson Blue EU Hotel,
Rue d'Idalie 35, 1050 Brussels
- NH Brussels City Centre,
Chaussée de Charleroi 17, 1060 Brussels
- Hotel Ibis Brussels off Grand Place,
Rue du Marché aux Herbes 100, Grasmarkt 100,
1000 Brussels

Attendance Fee

The events is free of charge. Not included are costs for travel and transfer, accommodation, parking fees and other private expenditures.

Conference Language

Presentations are held in English.

Registration for Heat Pump Forum

Please register online at
www.ehpa.org/index.php?id=299

Arrival

Arriving by train at Brussels Central

If you get off at Central station, follow the white and blue M signs for the metro. Walk through a long underground tunnel in order to reach the metro station. Once you enter, take the metro 1 direction Stockel or 5 in the direction of Hermann-Debroux/Delta. Get off at **Maalbeek/Maelbeek** station, which is 3 stops later. Take the exit marked 'Rue de la Loi'. Take Rue de Trèves until you reach Rue Belliard/Belliardstraat and turn right (see map).

Arriving by train at Brussels South station (Bruxelles Midi – Brussel Zuid)

International trains such as the ICE, Thalys and Eurostar stop at Brussels South station, as does the bus coming from Charleroi Airport. Follow the white and blue M signs for the metro and take metro line 2 or 6 direction Simonis-Elisabeth. Get off at **Trône/Troon** or change at the station Arts-Loi (Kunst-Wet) and take line 1 direction Stockel or line 5 direction Hermann-Debroux/Delta. Get off at **Maalbeek/Maelbeek**. Take the exit marked 'Rue de la Loi'. Take Rue de Trèves until you reach Rue Belliard/Belliardstraat and turn right (see map).

Arriving by car

Coming from the highway A3/E40 you take the tunnel with direction Centre/Centrum. After the tunnel you continue on the road Avenue de Cortenberg/Kortenberglaan until you reach the Rond-Point Schuman. Take the 2nd exit and

follow the Rue de la Loi/Wetstraat. After 1 km turn left in the Rue de la Science/Wetenschaapstraat, after some hundred meters you cross the Rue Belliard/Belliardstraat.

We suggest to use the car park in the Rue de la Loi/Wetstraat (the entrance is situated at the metro station Maalbeek/Maelbeek) as it might be difficult to find a parking lot in the streets.

From Brussels National Airport

The quickest route is via the airport express bus (number 12). One-Way tickets cost about 4 EUR. The bus stops both at Schuman (roundabout flanked by Berlaymont building and Council of Ministers' Justus Lipsius building in pink marble) and Place Luxembourg. Get off at Place Luxembourg, which is a square dominated by the European Parliament building on one side, and is the last stop. Take Rue d'Arlon, on the side opposite to the European Parliament. Walk down Rue d'Arlon until the 2nd crossing. You have then reached the Rue Belliard/Belliardstraat.

Alternatively, take a **train** from the airport.

One-Way Tickets cost about 4 EUR. There are four trains an hour to the centre of Brussels. Get off at Brussels Central station (Bruxelles Central-Brussel Centraal), follow the white and blue M for metro signs and take metro 1 direction Stockel or 5 in the direction of Hermann-Debroux/Delta. Get off at Maalbeek (Maelbeek) station, which is 3 stops later. Take the exit marked 'Rue de la Loi'. A trip by taxi from the airport to the office costs about 25 – 40 Euro, depending on traffic.

From Charleroi Airport (Ryanair flights):

Please take the designated bus to Brussels South Station (Bruxelles-Midi/Brussel Zuid). Once arrived at Brussels South station, follow the white and blue M signs for the metro and take metro line 2 or 6 direction Simonis (Elisabeth). Get off at Trône/Troon or change at the station Arts-Loi (Kunst-Wet) and take line 1 direction Stockel or line 5 direction Hermann-Debroux/Delta. Get off at Maalbeek (Maelbeek), which is the next stop.

Local and metro MAP

For further information on public transport and rates, please visit www.stib.be, for a general map have a look at www.google.be



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