

## Organiser:

German Federal Environment Agency

## Venue:

Chillventa 2010  
Kongresszentrum Ost, Ebene 3  
Messezentrum  
D-90471 Nuremberg  
Room “Stockholm“

The Nuremberg fair and exhibition centre (Messezentrum) can easily be reached from the main station as well as from the airport.

For further information please refer to the following webpages:

<http://www.chillventa.de/>  
<http://www.congressing.de/>

## Registration:

Please register by 1st October 2010  
(keyword “SPIN”) at:

Umweltbundesamt  
Fax: +49 (0)340 2104-3761  
E-mail: [constance.noack@uba.de](mailto:constance.noack@uba.de)

Registrations received after the deadline  
may not be considered due to limited  
space.

## Contact:

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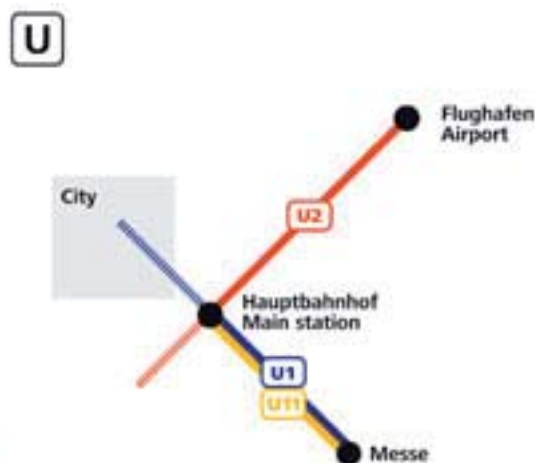


WORKSHOP OF THE EU PROJECT SPIN

# COMMERCIAL REFRIGERATION WITH NATURAL REFRIGERANTS

## PERSPECTIVES FOR CRAFTSMEN

ORGANISED BY THE  
FEDERAL ENVIRONMENT AGENCY  
14 OCTOBER 2010



## Programme (preliminary)

09:00	<b>Registration</b>	13:30	<b>Challenges for refrigeration craftsmen</b>
09:30	<b>Welcome</b> <i>Daniel de Graaf (UBA)</i> <i>SPIN Project Coordinator</i>		<i>Frank Heuberger</i> <i>Head of German Refrigeration Craftsmen Guild</i> <i>Discussion</i>
<i>Chair:</i>	<i>Wolfgang Plehn (UBA)</i>	14:10	<b>Financial support for refrigeration equipment by the German Reconstruction Bank (KfW)</b> <i>Jürgen Daamen</i> <i>Kreditanstalt für Wiederaufbau (KfW)</i>
09:40	<b>Natural refrigerants in commercial refrigeration – approaches in Europe and worldwide</b> <i>Jürgen Usinger (GTZ ProKlima)</i> <i>Discussion</i>	14:50	<b>Coffee break</b>
10:20	<b>Natural refrigeration at Sueddeutsche Fleischwarenfabrik</b> <i>Burkhardt Dunst</i> <i>FriigoTeam Handelsgesellschaft mbH</i> <i>Discussion</i>	15:10	<b>Ambient heat for refrigeration purposes</b> <i>Mike Hotz (Robur GmbH)</i> <i>Discussion</i>
11:00	<b>Coffee break</b>	15:50	<b>R744 supermarket refrigeration</b> <i>Kim Christensen (Advansor)</i> <i>Discussion</i>
11:20	<b>R744 refrigeration in supermarkets</b> <i>Micael Antonsson (Green&amp;Cool)</i> <i>Discussion</i>	16:30	<b>Closing discussion</b>
12:00	<b>Hydrocarbons for cooling in supermarkets</b> <i>N.N. (Lidl GmbH &amp; Co. KG)</i> <i>Discussion</i>	17:00	<b>Conclusion</b> <i>Dr. Daniel de Graaf</i>
12:30	<b>Lunch</b>	17:15	<b>End</b>

## Information on the EU SPIN project and the workshop

SPIN (Sustainable Production through Innovation in SMEs) promotes mutual transfer of eco-innovations in the Baltic Sea Region (BSR) in order to help improve the environmental performance of SMEs whilst creating business opportunities for innovation providers. Through its partner organisations across the BSR, the transnational project has excellent contacts to stakeholders in the region. It is these contacts which ensure the dissemination of important novelties and innovations in environmental technologies across national borders (for more Informationen see [www.spin-project.eu](http://www.spin-project.eu)).

Many innovative SMEs in the refrigeration sector are based in the BSR. Market leaders for equipment with natural refrigerants are found especially in Denmark, Sweden and Germany. Commercial refrigeration systems with natural refrigerants are seeing a growing market share in Germany, with CO2 systems leading the way. However, due to resistance in parts of the refrigeration community and higher investment costs, such systems have not yet been deployed on a broader scale.

The workshop addresses craft companies which face the challenge of innovative refrigeration technologies and want to broaden their expertise. It will present environmentally friendly techniques and financing possibilities for end users. As large retail companies and other operators are starting to switch their equipment to natural refrigerants, companies with know how in how to install and service such systems will encounter growing business opportunities with installation and maintenance.