



# CoolNews

*Monthly periodical for the European contractors society working in the Refrigeration, Air-Conditioning and Heat pump sector*

**Issue 2012/04 – 28<sup>th</sup> August 2012**

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# AREA AFFAIRS

## **Autumn GA meeting, 4-6 October 2012, Brussels**

The next AREA General Assembly meeting will be held on 4-6 October at the [Silken Berlaymont Hotel](#) in Brussels. Agendas and most working documents have been circulated and are available on the members' section of AREA website.

Participants have until 28<sup>th</sup> September to register. If you plan to attend, we remind you that you have until 4<sup>th</sup> September to book your hotel. Past that date, we cannot guarantee either availability or rate. For more information, contact the Secretariat (email: [janet.almond@orgalime.org](mailto:janet.almond@orgalime.org)).

The event keeps its usual format (Info group, Task Forces, Board, Task Group and General Assembly). Important items will include the adoption of the 2013 budget, the adoption of a lobby strategy on F-Gas and the final preparations for Chillventa, which will take place the week after.

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## **AREA schedule at Chillventa**

AREA will share a booth together with BIV and ZVKKW (Hall 1/1-218). In addition, our association will organise two events:

|       | tuesday, 9.10.2012<br>1st day of exhibition                 |                                     |   | wednesday, 10.10.2012<br>2nd day of exhibition |  |                                   | thursday, 11.10.2012<br>3rd day of exhibition               |  |  |
|-------|---|-------------------------------------|---|--|--|-----------------------------------|---|--|--|
| 9.00  |   |                                     |   |  |  |                                   |   |  |  |
| 9.30  | Hall 1:<br>Forum<br>Cleanroom                               | Hall 4A:<br>Forum Ref-<br>rigerants | Hall 7:<br>Forum<br>Air Condi-<br>tioning | Hall 1:<br>Forum<br>eurammon                   | Hall 4A:<br>Forum<br>Refrigi-<br>eration | Hall 7:<br>Forum<br>Heat<br>Pumps | Hall 1:<br>Forum<br>Cleanroom                               | Hall 4A:<br>Forum<br>Industrial<br>Refrigi-<br>eration | Hall 7:<br>Forum<br>Air Condi-<br>tioning +<br>Heat<br>Pumps |
| 10.00 |   |                                     |   |  |  |                                   |   |  |  |
| 10.30 |   |                                     |   |  |  |                                   |   |  |  |
| 11.00 |   |                                     |   |  |  |                                   |   |  |  |
| 11.30 |   |                                     |   |  |  |                                   |   |  |  |
| 12.00 | Break   |                                     |   | Break  |  |                                   | Break   |  |  |
| 12.30 |   |                                     |   |  |  |                                   |   |  |  |
| 13.00 | Hall 1:<br>Forum<br>Application<br>Education<br>Regulations | Hall 4A:<br>Forum Ref-<br>rigerants | Hall 7:<br>Forum<br>Heat<br>Pumps         | Hall 1:<br>Forum<br>Cleanroom                  | Hall 4A:<br>Forum<br>Refrigi-<br>eration | Hall 7:<br>Forum<br>Fans          | Hall 1:<br>Forum<br>Application<br>Education<br>Regulations | Hall 4A:<br>Forum<br>Refrigi-<br>eration               | Hall 7:<br>Forum<br>Air<br>Condition-<br>ing + Heat<br>Pumps |
| 13.30 |   |                                     |   |  |  |                                   |   |  |  |
| 14.00 |   |                                     |   |  |  |                                   |   |  |  |
| 14.30 |   |                                     |   |  |  |                                   |   |  |  |
| 15.00 |   |                                     |   |  |  |                                   |   |  |  |
| 15.30 |   |                                     |   |  |  |                                   |   |  |  |

Forums in the exhibition halls

**Workshop on A2L refrigerants**, on Tuesday, 9<sup>th</sup> October, 13.00 – 16.00, Hall 4A, Forum 04: the workshop is a follow-up of Daikin's presentation at the last AREA GA meeting in Bordeaux and will give an opportunity to contractors to ask questions to manufacturers of RAC equipment, components, tools etc. You are invited to lobby your members to take part as this is a unique opportunity to raise your questions and concerns. More specific information will be distributed soon.

**Cocktail Reception** on Tuesday, 9<sup>th</sup> October at 17.30 on AREA booth. The flyer was distributed recently



The AREA booth will feature a banner with all our member associations' logos and website details. In addition, we will distribute personalised USB keys containing our most recent and important public documents (guidance papers, position papers...). An AREA delegate will always be present on the booth and you are welcome to drop by any time!

## REFRIGERATION, AIR-CONDITIONING & HEAT PUMP NEWS

### LEGISLATION

#### **Resource efficiency**

The European Commission has launched a consultation on a revised list of indicators, which will be used to measure the overall resource efficiency of the EU. New additions to the list include an eco-innovation index, while the waste indicators now focus on municipal waste and greenhouse gas emissions are measured per capita. The consultation can be found [here](#). It will run until 22 October 2012.

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#### **Recast of the WEEE Directive**

The Recast WEEE Directive 2012/19/EU has finally been published in the [Official Journal of the European Union \(L 197/38\)](#) on 24 July 2012 and entered into force on 13 August 2012. Member States will have to transpose the Recast WEEE Directive into national law by 14 February 2014 at the latest.

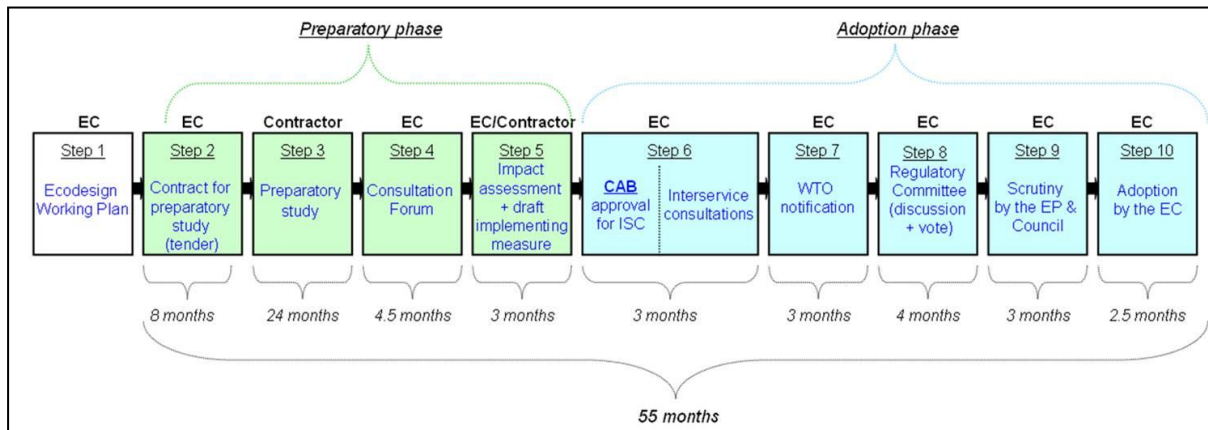
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#### **ErP: ENTR Lot 6 final reports published**

Final reports for Tasks 1 to 7 of Air Conditioning have been [published](#). According to the [executive summary](#), the study concludes that:

- The installed stock of ENTR Lot 6 air conditioning products is estimated to consume approximately 97 TWh in 2010
- Air conditioners and chillers have still a large potential for improvement if the best available technologies (BAT) are used. BAT for this group of products encompasses better individual components, such as EC motors for fans, larger heat exchangers, better part load control, and optimized part load designs.
- there is an important potential to raise the energy efficiency at least life cycle cost (LLCC) level, with 40 % lower energy consumption than for the median product sold today, and even more than 50 % for best available technologies
- all lower GWP refrigerant fluid alternatives contribute to decrease the product CO<sub>2</sub>eq emissions at much lower levels than if only the electricity consumption is reduced
- it is proposed to take strong measures in 2019, comprising a ban of some of the refrigerants above a certain GWP, or where an ambitious TEWI threshold is exceeded, and to allow 10 % lower seasonal performance indexes for products charged with lower GWP refrigerants up to that date.

The final report will now be submitted to the European Commission’s Consultation Forum (see graph below).



Ecodesign process (source: European Commission)

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## **Review F-Gas regulation**

### **Release of F-Gas revision delayed to late 2012**

The publication of the F-Gas proposal will be delayed until at least November and possibly December. This delay is due to the fact that the inter-service consultation will run after the summer break. The decision was taken due to the current workload on other projects and the fact that the Cypriot Presidency has indicated that the review is not a top priority for them.

New indicative timeline:

- September: start of inter-service consultation and informal Member State consultation – duration 6 weeks
- End of October: end of inter-service consultation
- November/December: expected publication of the Commission proposal
- Beginning of 2013: start of co-decision procedure (Council, under the Irish Presidency, and EP)

### **Coalition of NGOs call for HFC phase-out**

A coalition of 10 NGOs [called on](#) Climate Action Commissioner Connie Hedegaard to phase-out HFCs in the upcoming revision of the F-Gas Regulation.

Although the call does not include any new supportive argument, it aims at adding pressure on the European Commission and Member States. AREA has made its position clear and communicated on it at numerous occasions. Hence, it was not felt adequate to respond to the NGO call.

### **Company certification for in-house services**

AREA has written to the European Commission about the issue of certification of companies undertaking in-house installation, maintenance and servicing under Regulation 303/2008 (see Newsletter 2012/03). The Commission replied in July but dug its heels over the issue and kept its interpretation that only professional installers ought to be certified as companies. The Commission also offered to “clarify the legal text if and where appropriate during the review of the F-Gas Regulation”.

AREA will include the matter in its list of priorities for the review and will raise it during the decision-making process.

### **French consultation on simplification**

The French Environment Ministry consulted stakeholders, including AREA, on a project of merger of two documents regularly drawn up by installers: “fiche d’intervention” (operation sheet) and “bordereau de suivi des déchets” (waste tracking form). AREA wrote a joint letter together with EPEE generally supporting the initiative, which will simplify installers’ administrative obligations, and referring to SNEFCCA’s detailed comments on the proposal.

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### **EU Renewable Energy Strategy**

The use of renewable energy has many potential benefits, including contributing to CO<sub>2</sub> emissions reduction and decreasing dependency on fossil fuels and energy imports. The [Renewable Energy Directive](#), adopted in 2009, sets binding targets to achieve a 20% share of renewable energy in gross final energy consumption by 2020. To reach this target, every EU Member State has to implement a [national renewable action plan \(NREAP\)](#) and also seek to increase financing of renewables. The legal framework for renewable energies will expire after 2020. Even though it is expected that the overall share of renewable energy will exceed the 20% target, there are [concerns](#) that the growth will halt without a suitable framework beyond 2020.

Following on from the wider long-term policy visions in the [Energy Roadmap 2050](#), the Commission published its [communication on renewable energy](#) beyond 2020 on the 6 June 2012. It outlines several renewable policy options and emphasises the importance of integration of renewables into the energy market. Main points in the Communication include the calling for a more coordinated European approach on establishment/reform of renewable energy support schemes, as well as encouraging energy trading amongst EU Member States.

The importance of milestones for 2030 is also stressed in the Communication. A solid framework beyond 2020 would [encourage investment in renewable energy](#) and give potential investors regulatory certainty. There is an [on-going debate](#) over whether the development of renewables should be encouraged by imposing binding targets, as supported by many environmental groups and the renewables industry, or through the emissions trading scheme, as favoured by for example the electricity generation industry.

## **BRIEF NEWS**

### **25th Anniversary of the Montreal Protocol**

In celebration of the 25<sup>th</sup> Anniversary of the Montreal Protocol, the United Nations Environment Programme (UNEP) has launched a global video competition for young people born on or after 16 September 1987 to produce a short video on the Montreal Protocol on Substances that Deplete the Ozone Layer.

The videos should highlight – in an engaging manner – any aspect of the Montreal Protocol and how its implementation has helped protect all life on Earth. It can focus on the local, regional or global levels. The videos must be posted to OzonAction’s [YouTube website](#) by 15 October 2012.

You can disseminate this information with the media and universities (especially to mass communication departments) through letters, emails, social media and/or press releases. Also, you may like to share with other regional/provincial/state offices and local government units who may be able to promote this in their areas of responsibility.

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### **Customs officers to receive awards for illegal refrigerant seizures**

Customs and enforcement officers from China, The EU, Finland, Kyrgyzstan, Macedonia FYR, Russia, Serbia and Uzbekistan will receive the Ozone Protection Award 2012 of UNEP's Regional Ozone Network for Europe & Central Asia (ECA network) during the forthcoming Customs Cooperation Meeting in Istanbul, Turkey, in October. These actions prevented the illegal/unnecessary shipment of 116 tonnes of refrigerants and other ozone-depleting substances.

Between July 2010 and August 2012, the award winners reported 14 successful seizures of 72 pieces of equipment and 2990 refrigerant cylinders containing more than 35 tonnes of ozone-depleting chemicals and mixtures. In addition, informal Prior Informed Consent (iPIC) consultations prior to the issuance of trade licenses avoided 13 unwanted / illegal shipments of more than 81 tonnes of ozone-depleting chemicals and mixtures.

Consumption of CFCs has been banned worldwide since January 2010 and the future challenge will be the increasing trade in methyl bromide and HCFCs. Usage controls and bans are already in place in many areas of the world but methyl bromide will be banned worldwide from 2015 and HCFCs from 2040.

According to the United Nations Environment Programme, the global trade in HCFCs in bulk amounts is currently around 1,000,000 tonnes per year. There are no exact figures on the magnitude of illegal trade, but in the 1990s, the illegal trade in CFCs was estimated to be 20,000 tons per year, worth some US\$150-300m and equivalent to over 12% of global CFC production.

In the 2000s, global ODS smuggling was estimated to be 7,000-14,000 tonnes per year, worth around US\$25,000,000 to US\$60,000,000.

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### **Shecco presents natural refrigerants developments in Bangkok**

Greenpeace, the Environmental Investigation Agency (EIA) and Shecco presented their latest reports natural refrigerants' heating & cooling solutions at the ATMOSphere Bangkok 2012 conference held on 27 July 2012 in the Thai capital. The programme of the side event to the July United Nations Montreal Protocol meeting (32<sup>nd</sup> meeting of the Open-ended Working Group of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer) included perspectives of hydrocarbon cooling equipment manufacturer AHT Cooling Systems, as well as the Green Cooling Association, which gave an update on the impact of the recently introduced Australian carbon equivalent price on hydrofluorocarbons (HFCs). More information is available [here](#).

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## **Fake refrigerants: we should be concerned**

BANGKOK: The world should be very concerned about the dangers of counterfeit refrigerants. This is the overriding message to come out of a roundtable discussion during the 32nd Open-ended Working Group Meeting of the Parties to the Montreal Protocol in Bangkok (in July).

Continue reading the article on [ACR News](#)

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## **News from AREA fellow trade organisations**

### ***EHPA (European Heat Pump Association)***

EHPA has reported about the publication of a European Commission's [an action plan](#) to promote the construction/building sector as a driving force in the creation of jobs and for sustained growth for the EU economy in general. EHPA supports the plan and believes that heat pumps are a well-established technology that can and has to play its role in this strategy. They are environmentally friendly, energy efficient and - by consequence - perfectly fit for the large renovation market and low-energy buildings. Besides, EHPA also invests in skilled labour forces through its [EUCert program](#) in order to have high-efficient heat pumps installed in the best possible way in the whole of Europe.

### ***ASERCOM (Association of European Refrigeration Compressor and Controls Manufacturers)***

ASERCOM will hold a [reception](#) during Chillventa, on 9<sup>th</sup> October (16.30 – 17.30) to celebrate its 20<sup>th</sup> anniversary.

### ***EPEE (European Partnership for Energy and the Environment)***

EPEE and ICARHMA organised a [side-event](#) on *The Impact of Refrigerant Policy throughout the World* during the conference ahead of the Montreal Protocol Open-Ended Working Group 32 late July in Bangkok. EPEE took the opportunity to launch the SKM study by presenting first findings on the benefits of a phase-down and potential consumption and emission reduction of HFCs. EPEE is now finalizing its updated position paper ahead of the Commission's proposal for a revision of the F-Gas Regulation.

## **PUBLICATIONS**

### ***Buildings Performance Institute Europe (BPIE) studies***

- [Report](#) on the *energy performance of residential and commercial buildings in 27 Member States*, together with Norway and Switzerland. It provides detailed information on European building stock, legislation and major programmes designed to improve energy performance.
- [Study](#) regarding *energy efficiency policies in buildings - the use of financial instruments at member state level*. This review was undertaken to gather key facts from the use of financial instruments as Europe plans the next steps in improving the energy performance of buildings. This reports shows which financial instruments are in place (reference year is 2011) and makes observations - as far as possible- concerning their impact.

### ***EIA publishes Chilling Facts IV***

The Environmental Investigation Agency NGO has released the 4<sup>th</sup> edition of its [Chilling Facts](#) annual report on the progress of major supermarket retailers to replace HFCs with natural refrigerants. The report concludes that natural refrigerants have now gone mainstream in supermarket retail. EIA has



also launched a [video blog](#) on the report and its accompanying campaign in favour of natural refrigerants.

***Substances with an impact on climate***

[New brochure](#) from the French Ministry of Environment, Sustainable development and Energy to refrigeration, air conditioning and heat pump equipment holder): the Brochure has been published to remind which regulatory requirements they have to implement.

***REHVA journal issue 4***

The August issue is available through this [link](#).

## **EVENTS**



**16 September 2012**

2012 Ozone Day - The 25th anniversary of the Montreal Protocol

More info on: [http://ozone.unep.org/new\\_site/en/index.php](http://ozone.unep.org/new_site/en/index.php)

***EHPA, 11 October 2012, Brussels (Belgium)***

"European cities and regions fit for the future: Integrating heat pumps in local infrastructure"

More info on: [www.ehpa.org](http://www.ehpa.org)

**CHILLVENTA 2012** 9-11 October, Nurnberg (Germany)

International Trade Fair for RACV&HP, [www.chillventa.de](http://www.chillventa.de)

***ECSLA cold chain logistics conference, 15-16 October, Madrid (Spain)***

More info [here](#)

***UNEP/ASHRAE/AHRI/ESMA 2<sup>nd</sup> Regional Symposium, 16-17 October, Dubai (U.A.E)***

UNEP, in cooperation with ASHRAE Falcon Chapter, AHRI and Emirates Authority for Standardization and Metrology (ESMA) will organize the 2nd symposium within this forum under the theme of "Alternative Refrigerants for Air-Conditioning Industry in High-Ambient Temperature Countries; the Way Forward".

***Forum "Energy from Waste Water", 18 October 2012, Amstetten (Austria)***

The project team "Energy from Waste Water" is organizing its conference, focusing on waste water as a heat source/heat sink for efficient heating and cooling with highly efficient industrial heat pumps.

***Shecco Atmosphere 2012 on Natural Refrigerants, 5-7 November 2012, Brussels (Belgium)***

More info [here](#)



**43<sup>rd</sup> International HVAC&R Congress and Exhibition, 5-7 December, Belgrade (Serbia)**

More info [here](#)

**Chillventa Rossija 2013, International Trade Fair for Refrigeration, Air Conditioning & Heat Pumps for Commercial and Industrial Applications, 5-7 February 2013, Moscow (Russia)**

More info [here](#)

**Climate World 2013, International Trade Fair for Air-conditioning and Ventilation, 11-14 March 2013, Moscow (Russia)**

More info [here](#)

**2<sup>nd</sup> IIR International Conference on Sustainability and the Cold Chain, 2-4 April 2013, Paris (France)**

For more information, go to <http://www.iccc2013.com/>

**IIR Ammonia Conference, 9-11 May 2013, Ohrid (Macedonia FYR)**

Conference website: [http://www.mf.ukim.edu.mk/web\\_ohrid2013/default.html](http://www.mf.ukim.edu.mk/web_ohrid2013/default.html)

**XV European Conference on the Latest Technologies in Air-Conditioning and Refrigeration Industry, 7-8 June 2013, Milano (Italy)**

More information [here](#)

**This newsletter is reserved to AREA members**

For any enquiry, please contact

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