

# Newsletter

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**EUCETSA**  
European Committee of  
Environmental Technology Suppliers  
Association

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## **1 European legislation & policy news**

### **1.1 Current legislation**

#### **Economic Governance: a highly controversial issue facing Europe**

The latest proposals for coordinating European economic policy were issued on June 30th 2010. They include a thematic peer review at EU level and a range of proposals that really amount to enforcing the Stability and Growth Pact which dates from Maastricht Treaty in 1999. This Communication on enhancing economic policy coordination for stability, growth and jobs . Tools for stronger EU economic governance+builds on previous economic governance proposals. European governments will exchange views on their programmes and domestic budgets. By end-September, we will see formal legislative proposals  
[http://ec.europa.eu/economy\\_finance/articles/euro/2010-06-30-enhancing\\_economic\\_policy\\_coordination\\_en.htm](http://ec.europa.eu/economy_finance/articles/euro/2010-06-30-enhancing_economic_policy_coordination_en.htm)>

#### **Patent Regulation, at last**

This is a draft Regulation on the translation requirements for the EU Patent. This is one of the longest and most boring political stalemates in European policy but finally after some 30 years of discussions, there may be sufficient consensus for a translation solution that countries can live with. It should allow EU Patents to be examined and granted in one of the three official languages of the European Patent Office.  
[http://ec.europa.eu/internal\\_market/indprop/docs/patent/20100701\\_patent\\_proposal\\_en.pdf](http://ec.europa.eu/internal_market/indprop/docs/patent/20100701_patent_proposal_en.pdf)

#### **An Industrial Policy for the Globalised Era**

This Communication seeks to reconcile industrial competitiveness with low-carbon solutions, in preparation. It features smart regulation, public procurement, competition rules and standards, involving all stakeholders including social partners to deal with the anticipation and management of change, and the social consequences of restructuring.  
[http://ec.europa.eu/governance/impact/planned\\_ia/docs/10\\_entr\\_industrial\\_policy\\_en.pdf](http://ec.europa.eu/governance/impact/planned_ia/docs/10_entr_industrial_policy_en.pdf)

#### **Preparatory work on industrial furnaces and ovens - EU Eco-Design-Directive.**

Waste incineration plants are regulated at Member State level and also at EU level as energy producing plants and there is view that the Directive on eco design will not necessarily lead to energy efficiency improvements. EUCETSA is canvassing views of the membership and monitoring the progress on technical studies, to determine the best approach for industrial furnaces and ovens

### **Industrial Emissions Directive takes shape**

A major revision process underway since 2006 is coming to an end, with an Industrial Emissions Directive set to consolidate several major Directives including the Large Combustion plants Directive and the Integrated Prevention and Pollution Control (IPPC) Directive. The scope is very wide - it includes not only industrial plants and incineration plants but also agricultural (e.g. poultry), setting emission limits, linking this to Best Available Technology and also to emissions trading. Small and Medium Enterprises are caught in many areas such as information obligations for operators. At the second reading in the European Parliament, the EP approved the Council's position, but there has been much controversy, polarised positions from Member states and complex dealings. Holger Kraemer (ALDE, DE), Rapporteur for the Directive made a scathing comment about positions seized by certain countries: "It is a European tragedy that a number of outdated coal-fired power plants will be allowed to pollute for another decade. This is also grossly unfair on the Member States who took early action to meet the requirements." [http://www.europarl.europa.eu/news/expert/infopress\\_page/064-77917-186-07-28-911-20100706IPR77916-05-07-2010-2010-false/default\\_en.htm](http://www.europarl.europa.eu/news/expert/infopress_page/064-77917-186-07-28-911-20100706IPR77916-05-07-2010-2010-false/default_en.htm)

### **Calls for research proposals**

On July 20th the European Commission published calls for several major programmes including "Factories of the future" based on the Multi-annual Strategic Roadmap. This is part of a 6 billion euro call. All calls close on November 4<sup>th</sup> 2010.

<http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7CallsPage&rs>

## **2 Project Information**

### **AquaFit4Use ([www.aquafit4use.eu](http://www.aquafit4use.eu))**

AquaFit4Use is a research project funded by the European Union. Through development and implementation of new, reliable and cost-effective technologies, tools and methods, a far-going closure of the water cycle in different industrial sectors is foreseen.

The project is halfway and recently the midterm conference took place. The presentations are on pdf-format available on the public part of the website under "results". In session one of the conference, a methodology and a tool is presented for water quality management. In session three advanced treatments are developed. The 3FM (Flexible Fibre Filter Module) is a high speed filtration device that can be substituted for sedimentation and sand filtration. Evapoconcentration is used for treatment of membrane concentrates. Crystallisation processes are used for softening. All this technology is tested in the paper industry. Other innovative technologies will be tested in the food, textile and chemical industry in the second half of the project.

### 3 EU India flagship mission October 2010

#### Mission to India 6-9 October 2010

The European Business & Technology Centre (EBTC) is organising in Chennai in India 6-09 October 2010 a %Flagship Mission+on Environment including the %Green Building Conference+. Please contact us on [info@eucetsa.com](mailto:info@eucetsa.com)



### 4 Seminar “Opportunities for Environmental technology Suppliers”

EUCETSA organised a seminar, to coincide with the General Assembly on June 23<sup>rd</sup>. Entitled %Key opportunities for environmental technology suppliers+, the seminar featured four speakers from the European Parliament, the European Commission and associated European organisations and the participants were from national association representatives as well as industry representatives.

The keynote speaker, Philippe Lamberts MEP spoke about the European 2020 Strategy and what it means for industry. Philippe Lamberts portrayed Europe's Asian competitors as leaders of the next industrial revolution. Our goal must be to re-establish our industry in a leadership position+.



Europe's political leadership is overcautious and conservative, lacking courage to confront traditional positions and vested interests. In contrast, Chinese authorities have modernised their thinking and are much more conscious about scarcity of resources and water than we are in Europe, partly due to concerns for regime stability and resource scarcity. While Europe is too concerned with shorter term payback, the Chinese pursue longer term visions. Still, the picture is not so simple; for instance the gap in labour costs between Europe and China will diminish, as a consequence of single child-policy which limits future generations of labour. Europe needs to work in partnership in R&D with China, India and other BRIC countries. They too need to diversify their research work.

The way forward for European industry is to recover leadership in industry with innovation and sustainable solutions - water treatment, renewable energy and other activities create jobs and add value, but there is not yet a sense of urgency in EU. Industry needs to show success-stories.

Philippe Lamberts MEP is Belgian and in the Group of the Greens/European Free Alliance. He emphasized that the Green parties now recognize the role of industry as a solution providers and the importance of developing the right sort of regulations. Nor do the Greens oppose special support measures for certain industry sectors, such as the car industry, but they only support subsidies with appropriate conditions that are catalysts for change e.g. integrating transport solutions.

European competitiveness in sectors like glass depend on creating added value through innovation, from intelligent glass for instance; simpler glass can be manufactured anywhere but technology can secure European competitiveness. Companies such as Belgium's Umicore successfully transformed themselves in 10 years from 90% mining dependency to a business that is 50 % renewable and recycling materials.

In the EU, unlike the US, the drive is not primarily coming from venture capital. Innovation is largely driven by legislation. Although Research & Development is not same as innovation, the new European Framework Programme needs to focus on energy of course but also on integrating efforts: bringing together efforts by industry and academia in EU-wide programs. The scale of effort and integration required he compares to the US space programme in the 1960s.

SMEs should look for system solutions and try to set up alliances. Small companies can be strong scientifically.

### Patrick O'Riordan, DG Enterprise and Industry, Unit Sustainable Policy

The European Commission is reinvigorating efforts to help industry contribute to the EU 20-20 objectives and is organising a meeting with industry in October 2010 and other stakeholders. The Communication mentioned above %An industrial policy for the globalisation era+contains familiar proposals to make industry more sustainable in terms of energy and resource efficiency, promote clusters improve affordable access to finance, skills strategies etc. The presentation is available from all national association members or for non-members on request from [info@eucetsa.com](mailto:info@eucetsa.com)

INDUSTRIAL ACTIVITY CREATES WEALTH AND JOBS...  
...BUT ALSO HAS UNDESIRABLE EFFECTS

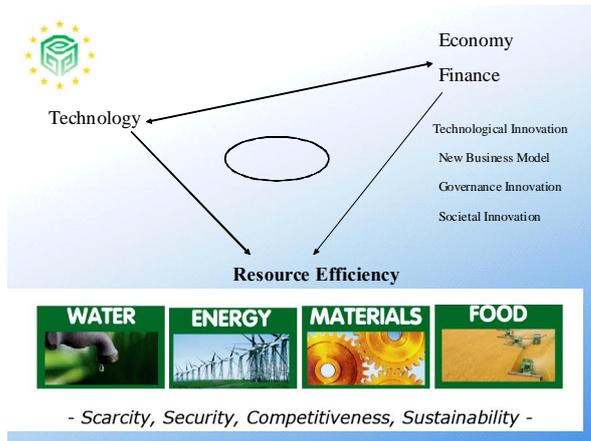


European Commission  
Enterprise and industry

Climate change  
Pollution of air, water, soil  
Resource use  
Traffic congestion  
Waste

### Raymond van Ermen, European Partners for Environment

Improving Resource Efficiency is an obvious objective to address sustainability. It offers a more coherent and appropriate approach because it is wider than Co2 emissions and seems better adapted to the realities of complicated industrial supply chains. Not surprisingly, it is now a central policy objective. More than four years ago, EUCETSA helped to establish the Resource Efficiency Alliance, together with European Partners for the Environment (EPE), and the European Water Partnership (EWP). Raymond van Ermen issued a clear message that the %Green Race+is on between countries to transform to low carbon economies and to become the leading supplier of resource efficient technologies & solutions (WBCSD), and there is huge challenge to adapt to transform markets and build competences. [http://www.epe.be/files/REA\\_Factsheet.pdf](http://www.epe.be/files/REA_Factsheet.pdf)



### Pierre Henry, DG Environment

By participating as an interface for industry on Environmental Technology Verification ETV, via several European projects (TESTNET, AirTV) EUCETSA has taken a proactive stance in helping to steer ETV to ensure that it develops in the right way and achieves aims - independent and credible performance information. ETV remains controversial, and even within EUCETSA, national associations have opposite views. After consultation . and on the strength of projects results including technical development of protocols, the European Commission shelved the idea of an ETV regulation. <http://ec.europa.eu/environment/etv/index.htm>



**ETV**  
EU Environmental Technology Verification pre-programme

ETV objectives

- Credibility**
  - Reliable test results, robust procedures
  - Complete information
- Recognition**
  - No need to re-do the tests
  - Opens up new markets
- Flexibility**
  - Different innovations and usersneeds
- Affordability**
  - Value for money, accessible for SMEs

DG Environment  
European Commission

The pre-programme will now takes us to 2015 before a formal scheme is launched:

- General Verification Protocol (Sept. 2010)
- Accreditation of Verification Bodies (end 2010)
- Setting-up of technical groups (beginning 2011)
- European Scheme fully operational (mid-2011)
- Market assessment study (2010-2011)
- Evaluation of the pre-programme (2013-2015)

## **5 EUCETSA General Assembly 2010**

The EUCETSA General Assembly was held in Brussels on 23<sup>rd</sup> June 2010. Having reviewed the past year activities and current projects including the EU India project with IVL of Sweden, members approved the 2009 accounts. The Assembly discussed membership development opportunities, with negotiations underway in the UK, France and Hungary. It was agreed that EUCETSA would participate at IFAT Munich and Pollutec Paris, depending on the technical support of national associations with stands. The Assembly decided to develop a position paper on Energy using products and on the forthcoming revision of the European technology action plan ETAP.

## **6 Position paper on new eco-innovation plan**

EUCETSA is preparing a position on the possible Eco-Innovation Action Plan proposed by the European Commission. The paper will be published in the next few weeks.

## **7 Innovative technologies update**

### **CoMeTas CoMex – Cross-flow SiC ceramic membranes with permeate conduits**

Silicon Carbide (SiC) ceramic membrane elements utilizing cross-flow filtration principle. The ceramic membranes are available for MF and UF. The membrane elements show superior flux, filtration properties and energy/construction savings compared to traditional ceramic membranes. An increase of five (5) times the flux of traditional SiC cross-flow membrane elements has been recorded. The membranes are suitable in a vast variety of applications where cross-flow is applied today, i.e. produced water, waste water, industrial processes, ballast water etc.

### **CoMeTas Aqua Solution – dead-end SiC ceramic membranes**

Silicon Carbide (SiC) ceramic membrane elements utilizing dead-end filtration principle. The ceramic membranes are available for MF and UF. The membrane elements show superior flux, filtration properties and energy/construction savings compared to sand filters. +90 % reduced water consumption for backwash has been recorded compared to sand filters. The membranes are suitable in applications for pre-filtration before RO and pool/spa. Contact: Kenneth Johansen, [khj@cometas.dk](mailto:khj@cometas.dk) see [www.cometas.dk](http://www.cometas.dk)