

The Strategic Energy Technology Plan conference 2010

A Belgian EU Presidency conference
15-16 November, Brussels



SET-Plan Conference 2010

15-16 November 2010, Square conference centre, Brussels

The SET-Plan conference is a Belgian EU-presidency event



Draft programme

The fourth European Strategic Energy Technology Plan (SET-Plan) conference is organised by the Flemish government, Department of Economy, Science and Innovation in close collaboration with the European Commission. The conference will be fully in line with the past SET-Plan events. Its main objectives are:

- *Communication on the progress of the implementation of the SET-Plan to a broad range of stakeholders, including the research community, the industry, the policy makers, the financial community and international partners.*
- *Round-up of the realisations so far with regard to the set up of the European Industrial Initiatives (EII) and the European Energy Research Alliance (EERA), with special focus on the Smart Cities Initiative.*
- *The launching of two next EIIs: Bioenergy and Sustainable Nuclear energy.*
- *The launching of the next EERA Joint Programmes.*
- *The international cooperation dimension within the SET-Plan.*

15 November 2010

The SET-Plan: State of play

The main objective of the first day is the launch of the two European Industrial Initiatives for Bioenergy and Sustainable Nuclear energy. Furthermore, the conference will give an overview of the progress of all SET-Plan action lines three years after the launch of the first SET-Plan communication 'Towards a low carbon future'. Therefore progress concerning the EIs launched in Madrid, the Smart Cities Initiative implementation and the EERA Joint Programmes will be underlined. The conference will offer a comprehensive picture of the complementarities between the different energy technology initiatives in Europe.

12.30 – 13.30 Registration (Glass entrance) **& sandwich lunch** (Grand Hall 1)

Opening Session

Chair: Dirk Van Melkebeke, Secretary-general, Department of Economy, Science and Innovation, Flemish government

Meeting room: Copper Hall

13.30 *European Commission (tbc)*

13.40 *Ingrid Lieten, Vice -Minister-President of the Flemish Government, Flemish Minister for Research and Innovation Policy*

13.50 *Sabine Laruelle, Belgian Federal minister in charge of Research Policy*

SESSION 1 **Launching of the next European Industrial Initiatives**

Chair: Fabrizio Barbaso, Deputy Director-general, European Commission, DG Energy

Meeting room: Copper Hall

14.00 **Joint Declaration with regard to the official launch of the European Industrial Bioenergy initiative (EIBI) and the European Sustainable Nuclear Industrial Initiative (ESNII)**

Chair: Fabrizio Barbaso, European Commission, DG Energy

14.05 **Support messages from the industry**

14.05 **European Industrial Bioenergy Initiative (EIBI)**

Jarmo Honkamaa, Deputy CEO, Executive Vice President, Renewable Fuels, Neste Oil

14.10 **European Sustainable Nuclear Industrial Initiative (ESNII)**

Paul Rorive, GDF SUEZ Senior Vice President, Nuclear Activities

14.15 **Presentation of the Implementation Plans**

14.15 European Industrial Bioenergy Initiative (EIBI): Proposal for an Implementation Plan 2010 – 2012
Véronique Hervouet, Senior Vice President, Total Energy Ventures

14.30 European Sustainable Nuclear Industrial Initiative (ESNII)
Noel Camarcat, Special Advisor for Nuclear R&D and International Issues, EDF Generatio; Chairman of the ESNII task force.

SESSION 2 Progress of all SET-Plan action lines (I)

Chair: Rudolph Strohmeier, Deputy Director-general, European Commission, DG Research

Meeting room: Copper Hall

14.45 **The European Industrial Initiatives (EII)s: Round-up of the advancement of the EIIs & next steps**

14.45 **EII Wind**
Henning Kruse, Chairman of the European Wind Energy Technology Platform

15.00 **EII Solar**
15.00 **Photovoltaics**
Murray Cameron, COO Phoenix Solar AG

15.10 **Concentrated Solar Power**
Jose Alfonso Nebrera, President, ESTELA (European Solar Thermal Electricity Association)

15.20 **EII CCS**
Gardiner Hill, Vice-Chairman, Zero Emissions Platform and Special Advisor, CCS, Alternative Energy, BP

15.35 **EII Electricity Grids**
Hubert Lemmens, ELIA

15.50 **The Strategic Energy Technologies Information System (SETIS)**
Giovanni De Santi, Director, European Commission, Joint Research Centre, Institute for Energy

16.00 **Related developments**
Naam, titel, EASE (European Association for Energy Storage)

16.05 **Coffee Break (Grand Hall 1)**

SESSION 3 Progress of all SET-Plan action lines (II)

Chair: tbc

Meeting room: Copper Hall

16.30 Smart Cities initiative

16.30 The Smart Cities Initiative: State of play

The content of the Smart Cities Initiative (technology component, market uptake measures, urban planning), the present status of the process and next steps.

Stefan Tostman

16.45 Smart Cities: perspective from the industry

Jochen Kreusel, ABB

17.00 Questions and answers

17.05 Fuel Cells & Hydrogen Joint Undertaking (FCH JU): Progress of the FCH JU and state of play of future activities

Bert De Colvenaer, Executive Director of the FCH JU (tbc)

17.15 Questions and answers

SESSION 4 European Energy Research

Chair : Henrik Bindslev, chairman of EERA, Director of Risø DTU

Meeting room: Copper Hall

The European Energy Research Alliance (EERA): Progress of the EERA Joint Programmes (JPs) and state of play of future EERA JPs

17.20 Presentation of EERA and State of play of the first 4 JPs already launched

Henrik Bindslev, chairman of EERA, Director of Risø DTU

17.35 Launch of the JP "Materials for nuclear"

Concetta Fazio, Karlsruhe Institute of Technology (KIT), EERA "Materials for nuclear" Joint Programme Coordinator

17.45 Launch of the JP "Carbon Capture and Storage"

Andreas Ehinger, EERA CCS Joint Programme Coordinator

17.55 Launch of the JP Bio Energy : (to be confirmed)

Questions & answers sessions after each JPs Presentation

- 18.05** **The Launch of the European Platform of Universities engaged in Energy Research (EPUE): Mobilising European Universities' capacities in education, research and innovation to contribute to the EU SET-PLAN**
*Professor Torbjorn Digernes, EUA observer in the EERA Executive Committee
Rector of the Norwegian University of Science and Technology, Trondheim*
- 18.15** **Closing remarks**
Henrik Bindselev, chairman of EERA, Director of Risø DTU
- 18.35** **Closing**

Evening Programme

Magritte Museum, Regenschapsstraat 3, 1000 Brussel

Speakers and participants are invited for an exclusive evening visit, reception and walking dinner at the Magritte museum. Guides will be available across the museum to provide visitors with more information about the remarkable work of the Belgian surrealist painter René Magritte. Please find more practical information in the enclosed leaflet/further in the brochure.

- 19.00** **Visit Magritte Museum and reception**
- 20.30** **Welcome speech**
Dirk Van Melkebeke, Secretary-general, Department of Economy, Science and Innovation, Flemish government
- 20.40** **Walking dinner**

16 November 2010

Kick-off of the international dimension of the SET-Plan

On March 12 the EU Energy Council conclusions on the SET-Plan investment Communication also highlighted the role of international cooperation and invited the Commission to "take forward, in close coordination with Member States, existing and recently established forms of cooperation in order to ramp up international cooperation and to improve coordination of the EU actions with key strategic partners in both developed and developing countries, as well as with international organisations, such as the International Energy Agency (IEA) and International Renewable Energy Agency (IRENA)".

The SET-Plan Conference held from 3-4 June in Madrid under the Spanish Presidency included a roundtable discussion to open the discussion on the international dimension of the SET-Plan. Under the Belgian presidency, it was agreed to include a dedicated session on the

"Kick-off of the international dimension of the SET-Plan" with focus on best practices and based on existing and recently established forms of cooperation.

The aim of this second day is to examine existing and recently established forms of cooperation at Member States and international organisation level and provide a platform for interaction in order to identify relevant elements/examples for the creation of an international cooperation strategy in the SET-Plan.

8.30 – 09.00 Registration (Glass entrance) & Welcome coffee (Grand Hall 1)

Opening session

Chair : Raffaele Liberali, Director Energy, European Commission, DG Research

Meeting room: Copper Hall

- 09.00 Gunther Oettinger, European Commissioner for Energy
- 09.10 Paul Mignette, Belgian Minister for Climate and Energy Policy
- 09.20 **Keynote speeches: "New departures in international cooperation"**
- 09.20 Dr. Chu, US Secretary of Energy (tbc)
- 09.40 Minister Ohata Ministry of Economy, Trade and Industry, Japan (tbc)

International cooperation in energy technologies and the SET-Plan

Meeting room: Copper Hall

10.00 **Scene Setter: International cooperation in energy technologies and the SET-Plan**

Raffaele Liberali, Director Energy, European Commission, DG Research

10.10 **International organisations active in energy technologies**

The objective of this session is to learn how membership of these international organisations can benefit the SET-Plan both in terms of facilitating international cooperation in the SET-Plan and improving coordination of EU actions with international organisations. It will end with a Rapporteur Report, identifying key points for discussion which will be posed to the floor through Q&A. The session will end with a panel session where the speakers will respond and participate in a Q&A.

10.10 **Introduction from the chair**

Chair: Ronnie Belmans, Catholic University Leuven

Rapporteur: Marianne Haug, University of Hohenheim

- 10.15** **IEA and EU technology collaboration to achieve the energy revolution**
Bo Diczfalusy, Director, Directorate of Sustainable Energy Policy and Technology, International Energy Agency IEA
- 10.25** **International Renewable Energy Agency IRENA**
- 10.35** **Coffee Break (Grand Hall 1)**
- 11.00** **Clean Energy Ministerial Initiatives (Grids)**
Luciano Martini, Head of Innovative Network Technologies Research Group, RSE Spa
- 11.10** **International Partnership for Hydrogen and Fuel Cells in the Economy (IPHE)**
Bernard Frois, Director, CEA
- 11.20** **Carbon Sequestration Leadership Forum (CSLF)**
Tone Skogen, Deputy Director-General of the Norwegian Ministry of Petroleum and Energy
- 11.30** **Generation IV International Forum (GIF)**
Didier Haas, Adviser for Nuclear Safety and Security, European Commission - Joint Research Centre
- 11.40** **Rapporteur Report and Q+A Session I: "Multilateral activities and the SET-Plan: potential synergies"**
Rapporteur: *Marianne Haug*
- 12.30** **Lunch (Grand Hall 1)**
- 14.00** **Best practice – using existing projects; instruments & dialogues**
The objective is to learn from best practice at bilateral level – concrete examples of cooperation in practice and to provide a platform to improve coordination of EU actions with key strategic partners. It will end with a Rapporteur Report, identifying key points for discussion, and introducing 'guiding questions' which will be posed to the floor through Q&A. The session will end with a panel session where the speakers will respond and participate in the Q&A.
- 14.00** **Welcome from the chair**
Chair: *Marie Donnelly, Director New and renewable sources of energy, energy efficiency Innovation, European Commission, DG Energy*
Rapporteur: *Ton Hoff, Managing Director Energy research Centre of the Netherlands (ECN)*
- 14.10** **The European Energy Research Alliance (EERA) Global Joint Programming: challenges, opportunities and perspectives**
Henrik Bindselev, chairman of EERA, Director of Risø DTU
(timing tbc - may include announcement on Joint Statement with DoE)

- 14.25** *EU (Lessons learned from EU FP7 international cooperation in energy research)*
Bruno Schmitz, Head of Unit, European Commission, DG Research
- 14.35** *MS (SFIC, Strategic Forum for International Cooperation – the SFIC energy initiative – other relevant examples of member state activities)*
SFIC Chair tbc
- 14.45** *Industry (examples of industry led cooperation activities)*
Joan MacNaughton, Senior Vice President, Power and Environmental Policies, Alstom Power
EDF - tbc
JU HFC -tbc
- 15.05** **Coffee Break** (Grand Hall 1)
- 15.30** **Rapporteur Report and Q+A Session II: *Bilateral activities: conclusions for the SET-Plan***
- Rapporteur:** *Ton Hoff, titel, Organisatie*
- 16.15** **Conference Conclusions**
Raffaele Liberali, Director Energy, European Commission, DG Research
- 16.30** **End of conference**
Dirk Van Melkebeke, Secretary-general, Department of Economy, Science and Innovation, Flemish government