

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



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 (EIs) 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 *Ingrid Lieten, Vice -Minister-President of the Flemish Government, Flemish Minister for Innovation, Public Investment, Media and Poverty Reduction*

13.40 *Sabine Laruelle, Belgian Minister for SMEs, the Self-Employed, Agriculture and Scientific Policy*

13.50 *Robert-Jan Smits, Director-General, European Commission, DG Research*

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)**

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

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

14.05 **Support message from the industry**

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

14.10 **EIBI Implementation Plan 2010 – 2012**

14.25 European Sustainable Nuclear Industrial Initiative (ESNII)

14.25 Support message from the Industry

Paul Rorive, Senior Vice President, Nuclear Activities, GDF SUEZ

14.30 ESNII Implementation Plan 2010 – 2012

Noel Camarcat, Special Advisor for Nuclear R&D and International Issues, EDF-Generation, Chairman of the ESNII task force.

Eric van Walle, Director General, SCK•CEN (Belgian Nuclear Research Centre)

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 (EIs): Round-up of the advancement of the EIs & next steps

14.45 European Wind Initiative (EWI)

Henning Kruse, Chairman Technology Platform Wind, European Wind Initiative

15.00 Solar Europe Initiative (SEI)

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 European CO₂ Capture, Transport and Storage Initiative (EII CCS)

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

15.35 European Electricity Grid Initiative (EEGI)

Hubert Lemmens, Chief Officer Grid Services, 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

EASE (European Association for Energy Storage)

Bruno Prestat, 'Power Systems Economics' manager, EDF - R&D

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

*Chair: Christof Schoser, Deputy Head of Unit Energy Technologies & Research
Coordination, European Commission, DG Energy*

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, present status of the process and next steps.

*Christof Schoser, Deputy Head of Unit Energy Technologies & Research
Coordination, European Commission, DG Energy*

16.45 Smart Cities – An Industry Perspective

*Jochen Kreusel, Marketing and Sales Manager Power Divisions, ABB AG
Germany*

17.00 Questions and answers

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

Bert De Colvenaer, Executive Director, FCH JU

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, Programme Manager, Nuclear Safety Research Programme

17.45 Launch of the JP "Carbon Capture and Storage"

Andreas Ehinger, EERA CCS Joint Programme Coordinator

Associate Director Scientific Management, IFP Energies nouvelles

- 17.55** **Launch of the JP Bio Energy**
Kai Sipila, Bio energy Joint Programme Coordinator, Technical Research Centre of Finland (VTT)
- 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**
Torbjorn Digernes, European University Association (EUA) observer in the EERA Executive Committee
Rector of the Norwegian University of Science and Technology, Trondheim
- 18.15** **Closing remarks**
Henrik Bindslev, chairman of EERA, Director of Risø DTU
- 18.20** **Closing**

Evening Programme

Magritte Museum, Regenschapsstraat 3 Rue de la Régence, 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.

- 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.

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 *Paul Magnette, Belgian Minister for Climate and Energy Policy*

09.10 *Gunther Oettinger, European Commissioner for Energy*

09.20 **Keynote speeches: "New departures in international cooperation"**

09.20 *William E. Kennard, U.S. Ambassador to the EU (invited)*

09.40 *Kazuaki Koizawa, Special Advisor on International Affairs, Energy Conservation and Renewable Energy Department
Agency for Natural Resources and Energy, Japan*

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. The rapporteur will moderate discussion with participation from speakers and the audience.

10.10 **Introduction from the chair**

Chair: *Ronnie Belmans, Chairman of the European Smartgrids Platform, Honorary Chairman of Elia, K.U.Leuven*

Rapporteur: *Marianne Haug, Professor – Energy Policy and Sustainable Development, University of Hohenheim, Stuttgart*

10.15 **International Energy Agency 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 **Clean Energy Ministerial Initiatives (Grids)**

Michel de Nigris, Director - Dpt T&D Technologie, Ricerca sul Sistema Energetico

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

11.05 **International Partnership for Hydrogen and Fuel Cells in the Economy (IPHE)**

Bernard Frois, Director, Commissariat à l'énergie atomique et aux énergies alternatives (CEA)

11.15 **Carbon Sequestration Leadership Forum (CSLF)**

Tone Skogen, Deputy Director-General of the Norwegian Ministry of Petroleum and Energy

11.25 **Generation IV International Forum (GIF)**

Didier Haas, Adviser for Nuclear Safety and Security, European Commission - Joint Research Centre

11.35 **Rapporteur Report and Q+A Session I: "Multilateral activities and the SET-Plan: potential synergies"**

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. The rapporteur will moderate discussion with participation from speakers and the audience.

14.00 Introduction 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)*

14.05 EU: Lessons learned from EU FP7 international cooperation in energy research

Bruno Schmitz, Head of Unit New and Renewable Energy Sources, European Commission, DG Research

14.15 The Strategic Forum for International Cooperation (SFIC): Member state perspective

Fostering the Partnership between the EU and its Member States on international S&T cooperation

Are Straume, Head of Section, Danish Agency for Science, Technology and Innovation

14.25 Industry: examples of industry led cooperation activities

Joan MacNaughton, Senior Vice President, Power and Environmental Policies, Alstom Power

Gijs Vriesman, Chairman of the Fuel Cells & Hydrogen Joint Undertaking (FCH JU) Governing Board

Noel Camarcat, Special Advisor for Nuclear R&D and International Issues, EDF-Generation, Chairman of the ESNII task force.

14.55 The European Energy Research Alliance (EERA) Global Joint Programming: challenges, opportunities and perspectives

Henrik Bindslev, chairman of EERA, Director of Risø DTU

15.10 Coffee Break (Grand Hall 1)

15.40 **Rapporteur Report and Q+A Session II: *Bilateral activities: conclusions for the SET-Plan***

Rapporteur: Ton Hoff, Managing Director Energy research Centre of the Netherlands (ECN)

16.25 **Conference Conclusions**

Raffaele Liberali, Director Energy, European Commission, DG Research

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

Krzysztof Gulda, Director, Polish Ministry of Science and Higher Education

16.40 **End of conference**