

SET-Plan summit conference

Consejo Superior de Investigaciones Científicas (CSIC)

Madrid, June 3rd - 4th 2010

Final Programme

Main objectives

The conference will show the progress of the SET-Plan since the conference held in Stockholm in October 2009 and will highlight the importance of the SET-Plan for the achievement of the EU ambitious energy and climate goals. The main objectives of this conference are:

- "Political" support to the SET-Plan to achieve the EU energy and climate goals
- Formal launching of the first European Industrial Initiatives (*EIIs*) – "Joint Statement"
- Formal launching of the first Joint Programmes of the European Energy Research Alliance (EERA)
- Initiate coordination of public and private sector resources

Audience

The conference is targeted at experienced, qualified professionals and managers from industry, research community, academia, financial entities, and regulatory and standardisation bodies, as well as at officials from the EU Member States/Associated countries and the EU institutions, who are likely to be involved directly or indirectly in the implementation of the SET Plan.

Organisation

Spanish Ministry of "Science & Innovation" in collaboration with the Ministry of "Industry, Tourism and Trade" and the European Commission

Website

<http://www.setplan-conference2010.es/>

June 3rd 2010

8:30 – 9:25 REGISTRATION

9:25 – 9:30 WELCOME

Ms. María Ángeles Gómez Rodríguez, Deputy Vice-President, International Relationships, Consejo Superior de Investigaciones Científicas (CSIC)

9:30 – 10:15 OPENING SESSION

Mr. Antonio Hernández García, Director General for Energy Policy and Mines, Ministry of Industry, Tourism and Trade, Spain

Ms. Ángeles Rodríguez Peña, Deputy Director General for European Programmes, Ministry of Science and Innovation, Spain

Mr. Rudolf W. Strohmeier, Deputy Director General Scientific Advances, DG "Research", European Commission

Mr. Fabrizio Barbaso, Deputy Director General for Energy in DG "Energy", European Commission

Ms. Teresa Riera Madurell, Member of the Committee on Industry, Research and Energy (ITRE) of the European Parliament

Keynotes in which reference will be made to the Council conclusions to the Communication "*Investing in the development of low carbon technologies – SET Plan*", and in particular on how the main recommendations stemming from it could be implemented. Expected messages: political support to SET-Plan at EU and MS level; welcome launching first EIIs; need to start coordination of public and private sector resources; show Member States (MS) commitment; highlight the role of the MS Steering Group. At the end an announcement will be made concerning the launching of the first European Industry Initiatives (EIIs).

10:15 – 10:45 OFFICIAL LAUNCH OF THE FIRST EUROPEAN INDUSTRY INITIATIVES (EIIS)

The main focus of the conference will be the formal launching of those EIIs that have demonstrated the maturity of their implementation plans and industry commitment. This will be done by means of a Joint Statement to be read by Mr. Fabrizio Barbaso who will invite the representatives of the Spanish Presidency, the European Commission and the industry to adhere to it. After that the floor will be given to the CEOs representing the 4 EIIs to be launched (Wind, Solar, CCS, Grids) for them to deliver short messages of support to the respective EIIs and of industry commitment. The invited CEOs are:

Mr. Xabier Viteri Solaun, CEO, Iberdrola Renovables S.A.

Mr. Luis Atienza, President of Red Eléctrica de España (REE)

Mr. Graeme Sweeney, Chairman, Zero Emissions Platform and Executive Vice President, CO2, Shell International Petroleum Company Ltd.

Mr. José Alfonso Nebrera, Director General ACS Servicios Comunicaciones y Energía, President of ESTELA

Mr. Murray Cameron, Chief Operating Officer, Phoenix Solar, EPIA Director

10:45 – 11:15 Coffee Break

11:15 – 15:45 PRESENTATION OF FIRST EIIs

This session will be devoted to the presentation of the main aspects of the launched EIIs: the governance structures and funding instruments, the Implementation Plans 2010-2012 as well as the Key Performance Indicators (KPIs) and the monitoring system.

Co-chairs: Mr. Lars Guldbrand, Director of R&D Strategy, Swedish Energy Agency and Mr. Bob Hanna, Chief Technical Adviser, Department of Communications, Energy and Natural Resources, Ireland.

11:15 – 11:35 EIIs Governance structure and funding instruments

Mr. Nicolai Zarganis, Head of Division, Danish Energy Agency

11:35 – 13:15 Presentation of the Implementation Plans

11:35 – 12:15 Solar Europe Initiative (Photovoltaics + Thermo-solar)

Mr. José Alfonso Nebrera, Director General ACS Servicios Comunicaciones y Energía, President of ESTELA

Mr. Virgilio Navarro, CEO ATERSA, Vice-President of EPIA

12:15 – 12:35 European Wind Initiative (EWI)

Mr. Henning Kruse, Siemens Wind Power, chairman of TPWind

Mr. Christian Kjaer, CEO of the European Wind Energy Association (EWEA)

12:35 – 12:55 European CO2 capture, transport and storage initiative (CCS EII)

Mr. Graeme Sweeney, Chairman, Zero Emissions Platform and Executive Vice President, CO2, Shell International Petroleum Company Ltd.

12:55 – 13:15 European Electricity Grid Initiative (EEGI)

Mr. Livio Gallo, CEO ENEL Distribuzione

Mr. Graeme Steele, National Grid (UK), chairman of ENTSO-E board

13:15 – 14:45 LUNCH

14:45 – 15:00 Presentation of the SET Plan KPIs and monitoring system

Mr. Stathis D. Peteves, Head of ESE Unit, European Commission, DG JRC, Institute for Energy (JRC-IE)

15:00 – 15:45 EIIs: Panel discussion involving speakers in previous sessions and Q&A open floor

15:45 – 17:15 STIMULATING INVESTMENT IN THE SET PLAN

The Council has invited the Commission to set up a *“platform for involving interested financing organisations in order to exchange information and best practice as well as to coordinate actions, as appropriate”*. This round table will offer the opportunity to address this issue and will include representatives from all the entities (public, private), which could contribute to finance the SET-Plan: EU (e.g. Framework Programme, European Energy Recovery Plan, etc), EIB, National/Regional programmes, venture capital companies, etc.

Moderator: Mr. Gerassimos Thomas, European Commission, DG ECFIN, Director “Finance, coordination with EIB Group, EBRD and IFIs”

Panellists

- Mr. Iñigo Sabater, Deputy Head of Unit, “Energy Technologies & Research Coordination”, DG ENER, European Commission
- Mr. Piotr Tulej, Head of Unit, “Low Carbon Technologies”, DG CLIMA, European Commission
- Mr. Georg Menzen, Federal Ministry of Economics and Technology (BMWi)
- Mr. Marc d'Hooge, Deputy Head of Division, Research Development and innovation (RDI), European Investment Bank (EIB)
- Mr. Ben Caldecott, Climate Change Capital, Lead on UK and EU climate change and energy policy
- Ms. Paloma Sevilla, Global Power Sales Director Spain, Alstom Power S.A.

17:15 CLOSING DAY 1

21:00 – 23:00 Social event

Cocktail-dinner at Museum “Reina Sofia” – visit to Picasso’s Guernica exhibit room.

June 4th 2010

8:45 - 10:45 European Energy Research Alliance (EERA): UPDATE AND LAUNCHING THE FIRST JOINT RESEARCH PROGRAMMES

The EERA objectives are aimed at strengthening, expanding and optimising the EU energy research capabilities through the joint realisation of pan-European activities and the sharing of world-class national facilities. This session will provide an update of the recent EERA activities and will serve to formally launch the first EERA joint research programmes and to discuss their complementary and differentiating aspects with the different EIIs.

Chair: Mr. Wiktor Raldow, Head of Unit, "Energy conversion and distribution systems", DG RTD, European Commission

- Introduction of EERA by Mr. Ton Hoff, Managing Director of ECN (10')
- Presentation of the joint research programmes launched (15 minutes each):
 - o Wind – Mr. Peter Hauge Madsen, Head of Wind Energy Division, Risø DTU
 - o Photovoltaics – Mr. Wim Sinke, Solar-energy Unit, ECN
 - o Smart Grids – Mr. Luciano Martini, ERSE and Giorgio Graditi, ENEA
 - o Geothermal – Mr. Fausto Batini, CEGL
- Discussion (40') about the connection of the EERA joint research programmes with the EIIs involving the previous panellists and the following EIIs representatives:
 - o Ms. Eleni Despotou, Deputy Secretary General, EPIA.
 - o Mr. Henning Kruse, Siemens Wind Power, Chairman of TPWind
 - o Mr. Konstantin Staschus, Secretary General, ENTSO-E
- Conclusions by Mr. Henrik Bindslev, Director of Risø DTU, new chairman of the EERA Executive Committee (10').

10:45 – 11:15 Coffee Break

11:15 – 12:15 STATE OF PLAY FOR EIIs TO BE LAUNCHED AT LATER STAGE

Plenary panel sessions of the EIIs which will not be launched in the first batch. The objective will be to present the status of their Implementation Plans and to assess the degree of maturity for their potential launching during the Belgian Presidency or early in 2011.

Chair: Mr. František Pazdera, Deputy Director of Power Generation for R&D, ČEZ, a.s.

- o **European Industrial Bioenergy Initiative (EIBI)**
Mr. Markku Karlsson, Senior Vice President, Technology," UPM-Kymmene
Mr. Anders Lau Tuxen, Energy strategist,Novozymes

- ***Sustainable Nuclear Fission Industrial Initiative (ESNII)***
Mr. Yves Kaluzny, Senior Vice President for international Affairs and Cooperation, CEA, Nuclear Energy Directorate
- ***Smart Cities Initiative***
Ms. Brigitte Bach, Head of energy Department, Austrian Institute of Technology (AIT)

(15 minutes each EII + Q&A session)

12:15 – 13:30 ILLUSTRATIVE RTD&D “SET PLAN” PROJECTS

The EU Council has stressed that the existing EU research and technology programmes in the field of energy and, to the extent possible, other relevant non-thematic EU programmes/initiatives, should support the SET Plan objectives and current and related future initiatives. This session will offer an opportunity for the participants to learn about a number of important on-going or planned illustrative projects and initiatives co-funded from different EU instruments (Framework Programme, European Energy Recovery Plan, European Institute of Innovation and Technology) and the EIB, with emphasis on the management, financial and governance aspects and on their synergies with the different EIIs.

Chair: Mr. Peter G. Taylor Head, Energy Technology Policy Division, IEA

- *Solucar Solar Thermal Power Plant*, co-funded via the EIB's Risk Sharing Finance Facility (RSFF). Mr. Eduard Soler, Director of Business Development, Abengoa Solar.
- The "*Bard I Offshore Wind Farm*" co-funded via the European Energy Recovery Plan (EERP) by Mr. Heiko Roß, BARD Holding GmbH.
- "*Compostilla CCS*" project, co-funded via the European Energy Recovery Plan (EERP), Mr. Jordi Martínez Jubitero, ENDESA Generación S.A., SDG Engineering and RTD, Technical Director.
- "*TWENTIES*" Project, co-funded via the EU 7th Framework Programme, Mr. José Luis Mata, Head of Regulation and studies Department, Red Eléctrica de España (REE).
- "*Innoenergy*" Knowledge and Innovation Community, co-funded by the European Institute of Innovation and Technology (EIT). Mr. Claude Ayache, Director for European Affairs, CEA.

13:30 – 14:45 LUNCH

14:45 – 15:45 INTERNATIONAL COOPERATION

The SET Plan should contribute to the reinforcement of international initiatives which facilitate the development and transfer of advanced energy technologies with developed and emerging and developing economies. This panel will review the existing forms for international cooperation and will discuss about potential new schemes in the new framework of the SET Plan. Conclusions should be used as the basis to define the next steps for the development of an "ad hoc" strategy commonly

agreed by all the parties involved. The outcome of these developments is expected to be presented and discussed at the SET plan conference to be organised by the Belgian Presidency.

Chair persons: Ms. Montserrat Torné (Director General for International Cooperation, Ministry for Science and Innovation, MICINN, Spain) and Mr. Raffaele Liberali (European Commission, Director "Energy", DG RTD)

Participants:

- Ms. Angeles Rodríguez Peña, Spanish Ministry for Science and Innovation, member of the Strategic Forum for International S&T Cooperation (SFIC).
- Ms. Lut Bollen, Department Economy, Science and Innovation, Flemish Government, Belgium.
- Mr. Giles Dickson, Member of the Task Force on Technology Transfer of the European Power Plant Suppliers. Association (EPPSA).
- Mr. Ingo A. Schwirtlich, Vice President Technology, SCHOTT Solar AG.
- Mr. Henrik Bindslev, Director of Risø DTU, new chairman of the EERA Executive Committee.

15:45 – 16:00 CONCLUDING REMARKS AND CLOSURE OF THE CONFERENCE

Ms. Montserrat Torné (Director General for International Cooperation, Ministry for Science and Innovation, MICINN, Spain)

Mr. Raffaele Liberali, Director for Energy, DG Research, EC (TBC)
