



SET Plan Virtual Conference 2020

23–24 November 2020

Making the SET Plan fit for the EU Green Recovery

DAY 1: MONDAY, 23 NOVEMBER 2020

Opening Session

Time 13:30 – 14:00

Master of Ceremony: **Monika Jones**, Professional Moderator

- **Minister Peter Altmaier**
Federal Minister for Economic Affairs and Energy of Germany
- **Commissioner Kadri Simson**
EU-Commissioner for Energy
- **Jean-Eric Paquet**
Director-General for Research and Innovation

Session 1:

Time 14:00 – 15:00

Ministerial Session – The SET Plan as innovation catalyst for the EU Green Recovery (High Level Panel Discussion)

This high-level session will discuss the clean energy transition path in the context of the European recovery as well as the importance of research and innovation to boost competitiveness and keep Europe at the forefront of clean energy technologies, while at the same time striving for a transition to a climate-neutral and sustainable economy which leaves no one behind.

Government representatives will provide insights into the Recovery and Resilience Facility plans under development and their link to the National Energy and Climate Plans and the European Green Deal objectives. Ministers will highlight the contribution of the SET Plan in enhancing cooperation across Europe between governments, industry and research institutes to align R&I priorities and strengthen joint funding programmes. In this new context, the EU also plays a central role in the international landscape, through relevant fora such as COP26, G20, CEM or MI, by positioning itself as a global frontrunner on climate action and as a leader in clean energy technologies.

- **Minister Peter Altmaier**
Federal Minister for Economic Affairs and Energy of Germany
- **Commissioner Kadri Simson**
EU-Commissioner for Energy



- **Minister João Pedro Matos Fernandes**
Minister for Environment and Climate Action of Portugal
- **Minister Tinne Van der Straeten**
Minister of Energy of Belgium
- **Minister Ivo Milatić**
State Secretary for Energy of Croatia

Session 2:

Time 15:15 – 16:15

R&I serving a competitive European clean tech industry (Panel discussion)

This session will present and discuss the state of the Energy Union in 2020, in particular the Competitiveness Progress report and its detailed analysis in the Clean Energy Transition - Technologies and Innovations Report. This new tool provides an overview of the competitiveness of the EU's clean energy technology industry, based on an assessment of the technology and innovation needs for 2030 and 2050. The current status of these technologies, their value chains, and the global market perspective are compared against the Green Deal objectives.

Clean technologies are crucial for competitiveness, economic development, energy sovereignty and security. Investing in R&I is of strategic importance in order to reach the European Green Deal objectives. In view of the declining national budgets allocated to R&I and the small share of private-sector revenue currently spent on R&I (especially in those sectors where large-scale deployment of low-carbon technologies is needed), further efforts are required to ensure that the European economy remains competitive in the longer term. The discussion will highlight the steps in R&I that need to be taken in the near future.

- **Moderator: Hans van Steen**
Acting Director on Renewables, Research, Innovation and Energy Efficiency in the Directorate General for Energy in the European Commission
- **Roland Roesch**
Deputy Director at the Innovation and Technology Center of the International Renewable Energy Agency (IRENA)
- **Michael Lippert**
Chair of Batteries Europe, Director Innovations and Solutions for Energy, Saft Batteries
- **Mechthild Wörsdörfer**
Director Sustainability, Technology and Outlooks, International Energy Agency (IEA)
- **Nigel Jollands**
Associate Director Energy Efficiency and Climate Change, EBRD

Session 3:

Time 16:30 – 17:30

Fostering the clean energy innovation ecosystem: making the leap from research to market (Project pitch + Panel discussion)

Although several technologies have already been successfully developed, they face challenges when it comes to accessing the market and creating acceptance and demand at consumer level. In order to encourage demand on the customer side, trust in these technologies is needed. Only when these new technologies create a perceptible added value on the customer side will there be a chance for a wide-ranging and successful deployment.

This session focuses on the gap between technologies at research and market level, seeking new ideas on how to bridge this gap. A number of European projects will pitch their idea/product, followed by a lively discussion on how to help these products/technologies to access the market and be commercialised.

- **Moderator: Wolfgang Langen**
Head of Unit - Energy Research Project Funding International, Federal Ministry for Economic Affairs and Energy in Germany
- **Project 1: Jens Tübke**
Director Applied Electrochemistry, Fraunhofer Research Factory for battery cells
- **Project 2: Rene Kerkmeester**
Program Director of Equigy, the Crowd Balancing Platform
- **Markus Kratz**
Head of Unit Energy System: End-Use at Forschungszentrum Jülich GmbH, PtJ
- **Diego Pavia**
CEO, KIC InnoEnergy
- **Katerina Borunska**
Policy Officer at European Commission DG RTD

DAY 2: TUESDAY, 24 NOVEMBER 2020

Session 4:

Time 09:00 – 10:00

Clean energy Transition for Europe's green recovery (Panel discussion)

Investments under Next Generation EU will strongly support the long-term vision of a green, digital, resilient and competitive EU. The EU and national R&I policies, as well as funding tools and strategies, will benefit from increasing the alignment with energy and climate objectives. The session will discuss how to finance the clean energy transition and how to ensure synergies between national and regional funding instruments targeting clean energy technologies, taking into account the upcoming initiatives of the Green Deal, the energy R&I work undertaken through the SET Plan and supported by the future Clean Energy Transition co-funded partnership, and their consistency with the Recovery and Resilience Facility national plans.

- **Moderator: Patrick Child**
Deputy Director General, DG Research and Innovation, European Commission
- **Roland Schulze**
Managerial Adviser - Low Carbon Energy Technologies, European Investment Bank (EIB)
- **Stefano Raimondi**
Responsible for Research & Innovation Energy sector, Ministry of Economic Development
- **Lisa Ryan**
Professor in energy economics at University College Dublin (UCD) and Board member of Sustainable Energy Authority of Ireland (SEAI)
- **Ewout Visser**
MT member Electricity Directorate at Ministry of Economic Affairs and Climate

Session 5:

Time 10:15 – 11:15

Integration of renewable energy into the electricity system (Panel discussion)

Decarbonising energy by using clean energy everywhere will be crucial to reach both the 2030 and 2050 objectives. A high share electricity consumption covered by renewable energy is crucial, as is its better integration into the overall energy system.

This session will look at how R&I could support a systemic change in the whole energy system and an increase of competitiveness of renewable energy and energy enablers in the context of the green recovery.

- **Moderator: Hélène Chraye**
Head of Unit Clean Energy Transition, DG Research and Innovation, European Commission
- **Michael Hübner**
Chair IWG Smart resilience and Secure Energy Systems & Senior Policy Officer, Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology, Austria (BMK)
- **Naomi Chevillard**
Senior Policy Advisor, SolarPower Europe – Leading the Energy Transition
- **Cristina Corchero**
Leader of the Energy Systems Analytics Research Group at Catalan Institute for Energy Research, Spain
- **Laurent Schmitt**
Secretary General of ENTSO-E

Session 6:

Time 11:30 – 12:30

Hydrogen: creating a clean fuel and feedstock supply chain (Panel discussion)

The session will discuss the potential contribution of the SET Plan to joint efforts in research and innovation to develop and deploy green hydrogen across Europe.

The recent European Communication on hydrogen sets out a vision of how the EU can turn clean hydrogen into a viable solution to decarbonise different sectors over time, including carbon-intensive industrial processes and hard-to-abate transport systems. To ensure a full hydrogen supply chain to serve the European economy, further research and innovation efforts are required as well as a structured collaboration between public authorities, industry and civil society. The new European Hydrogen Alliance will develop an investment agenda and a pipeline of concrete projects to make hydrogen more cost-effective and competitive.

- **Moderator: Ulrich Benterbusch**
Deputy Director-General Efficiency and heat in industry and households, sustainable mobility, Federal Ministry for Economic Affairs and Energy
- **Mathilde Cadic**
Auvergne-Rhône-Alpes region in France, Hydrogen Valley
- **Katharina Rechberger**
Senior Project Manager, H2FUTURE, K1-MET
- **Alexandru Floristean**
Legal Manager, Hydrogen Europe
- **Taia Kronborg**
LHyfe

Session 7:

Time 13:30 – 14:30

Offshore Renewables: Looking at the future (Panel discussion)

This session will discuss the role of the SET Plan and in R&I in meeting the ambition of the EU Green Deal and in delivering the vision of the Offshore Renewable Energy Strategy.

The EU Green Deal puts a strong emphasis on the role of offshore renewable energies in a climate-neutral Europe. Investing in a world-leading EU offshore wind and ocean energy industry through innovation is essential for our EU industry's competitiveness. The EU Offshore Strategy is expected to frame the opportunity to expand the success of offshore wind to new European markets and develop technological leadership in new emerging technologies. Several interacting factors will influence the scale-up of the EU offshore renewable energy industry: overcoming existing technological challenges, cost competitiveness, system integration, policy support schemes and upgrades to grid and maritime infrastructure.

- **Moderator: Stathis Peteves**
Energy, Transport and Climate Directorate
- **Bob Meijer**
Director, TKI Wind op Zee
- **Fiona Buckley**
Senior Expert and Project Manager at Laborelec (ENGIE Group)
- **Ulrik Stridbæk**
Vice President for Regulatory Affairs, Ørsted
- **Panagiotis Papastamatiou**
Chief Executive Officer of the Hellenic Wind Energy Association, ELETAEN
- **Isabelle Ryckbost**
Secretary General, European Sea Ports Organisation (ESPO)

Session 8:

Time 14:45 – 15:45

Renovation Wave: Making it happen (Panel discussion)

The session will present the main R&I components needed to make buildings across Europe more energy-efficient. Buildings are some of the main energy consumers and are responsible for a large amount of GHG emissions. Roughly 75% of the building stock is energy-inefficient, yet almost 80% of today's buildings will still be in use in 2050.

The Renovation Wave Communication addresses current low renovation rates of around 1% across the EU and tackle the underlying barriers for improving the energy efficiency of the EU building stock. Its objective is to double the annual renovation rate of the existing building stock. This will be supported by regulatory frameworks and through financial support, such as a doubling of the sustainable infrastructure window in Invest EU, as well as the Horizon Europe programme supporting the positive energy districts and the development of smart cities.

- **Moderator: Stefan Moser**
Head of Unit for Energy Efficiency, Buildings and Products, Directorate General for Energy, European Commission
- **Annett Kühn**
Chair IWG Energy Efficiency Solutions for Buildings, Projektträger Jülich/ FZJ
- **Merit Tarta**
SmartEnCity for City of Tartu
- **Clara Callegaris**
Head of the Smart City Unit and Member of Sharing Cities project, Comune di Milano
- **David Denzer-Speck**
KfW Group
- **Remon Zakaria**
Associate Director, Lead for Intermediated Green Finance, European Bank for Reconstruction and Development (EBRD)

Session 9:

Time 16:00 – 16:30

Closing session - Shaping the SET Plan beyond 2020

The results of the panel discussions will help us to take stock of the SET Plan contribution to the achievement of the European climate and energy objectives and of the main energy initiatives at European and national level. They will support the reflection on the next steps to be taken, in order to maximise the impact of the SET Plan in view of the European green recovery and the 2050 decarbonisation objective.

- **Moderator: Monika Jones**
Master of Ceremony
- **Katja Neumann**
Deputy Director-General, Federal Ministry for Economic Affairs and Energy in Germany
- **Ditte Juul Jørgensen**
Director-General of DG Energy, European Commission
- **Patrick Child**
DG Research and Innovation, European Commission
- **Stephen Quest**
Director-General of Joint Research Center (JRC), European Commission

Handing over to Slovenia, SET Plan Conference 2021

- **Tina Seršen**
Head of Unit, Energy Directorate, Ministry of Infrastructure, Slovenia



14th Strategic Energy Technology Plan (SET Plan) Conference 2020
“Making the SET Plan fit for the EU Green Recovery”
23. - 24. November 2020, Berlin, Germany

Agenda SET Plan Virtual Conference 2020

Day 1 23.11.2020	Topic
13:30 - 14:00	Opening session
14:00 - 15:00	Session 1: Ministerial Session – The SET Plan as innovation catalyst for the EU Green Recovery
15:00 - 15:15	Coffee Break
15:15 - 16:15	Session 2: R&I serving a competitive European clean tech industry
16:15 - 16:30	Coffee Break
16:30 - 17:30	Session 3: Fostering the clean energy innovation ecosystem: making the leap from research to market

Day 2 24.11.2020	Topic
09:00 - 10:00	Session 4: Clean Energy Transition for Europe’s green recovery
10:00 - 10:15	Coffee Break
10:15 - 11:15	Session 5: Integration of renewable energy into the electricity system
11:15 - 11:30	Coffee Break
11:30 - 12:30	Session 6: Hydrogen: creating a clean fuel and feedstock supply chain

12:30 - 13:30	Lunch Break
13:30 - 14:30	Session 7: Off-shore Renewables: Looking at the future
14:30 - 14:45	Coffee Break
14:45 - 15:45	Session 8: Renovation Wave: Making it happen
15:45 - 16:00	Coffee Break
16:00 - 16:30	Session 9: Closing session - Shaping the SET Plan beyond 2020