

15th SET PLAN Conference

Research & Innovation to deliver a just and sustainable energy transition

25-26 November 2021

Bled Congress Centre | Slovenia

#SETPlan2021

AGENDA

Day 1 – 25 November (full day)

08:00-09:00	Registration and coffee/networking
09:00-09:15	Welcome (<i>Presidency representative</i>) Speaker: <ul style="list-style-type: none">• Jernej Vrtovec, Minister of Infrastructure, Slovenia
9:15-9:30	Keynote Speech <ul style="list-style-type: none">• Kadri Simson, Commissioner for Energy, European Commission
09:30-10:30	High Level Panel: From a technology-centric to a people-centric SET Plan (<i>interactive platform</i>) <i>The session will focus on three main axes fundamental to energy sector: Equity-Sustainability-Security. Energy sector is of critical importance to all European countries, and it needs to meet the Green Deal and COP 26 objectives of making Europe climate-neutral continent by 2050. Europe must transform into a fair and prosperous society matching the needs of all people also with clean energy. Putting people first when reaching for the ambitious energy transition will create a resilient energy union and a healthy planet. The session will be organised as an open dialogue between policy makers, industry, researchers and innovative end-user representatives around these axes.</i> Speakers: <ul style="list-style-type: none">• Video address: Mariya Gabriel, Commissioner for Innovation, Research, Culture, Education and Youth, European Commission• Simona Kustec, Minister of Education, Science and Sport, Slovenia• Kadri Simson, Commissioner for Energy, European Commission• Jernej Vrtovec, Minister of Infrastructure, Slovenia• Maria da Graça Carvalho, Member of the European Parliament's Committee on Industry, Research and Energy (ITRE) Moderator: Jean-Eric Paquet, Director-General, Directorate-General for Research and Innovation, European Commission
10:30-11:00	Coffee Break/networking
11:00-12:00	Panel Session 1: Energy to enable the transition (<i>interactive platform</i>) <i>Decentralised production of electricity and gases will require a revolutionary change in how grids that transport this energy are set up and function. A process of digitalisation that will allow a more integrated planning and operation of grid systems</i>

	<p><i>in electricity, gas as well as heating and cooling sectors, is needed in order to enable the transition from today's way of how energy flows to the future ways. Electricity grid systems are most advanced in this aspect, while the grids for new gas fuels (e.g. low carbon fuels and hydrogen) and heating systems are less prepared for this change. The session will focus on: How to increase the share of renewables to match our Green Deal objectives? What digital technologies and innovations do we need to enable a more flexible and efficient handling of clean energy production and consumption for the benefit of the end user? How can the SET Plan help further?</i></p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Marko Topič, Chairman, European Technology and Innovation Platform Photovoltaics</i> • <i>Henrik Madsen, Professor, Head of section, Department of Applied Mathematics and Computer Science, Technical University of Denmark</i> • <i>Paul Voss, Managing Director, Euroheat & Power</i> • <i>Helena Gerard, Senior Researcher, EnergyVille, VITO and co-chair of the Bridge Regulatory Working Group</i> <p>Moderator: <i>Paula Pinho, Director, Directorate B – Just Transition, Consumers, Energy Efficiency and Innovation, Directorate-General for Energy, European Commission</i></p>
<p>12:00-12:30</p>	<p>Show case: Best Practice for Smart Grids</p> <p><i>The operator of Slovenia's electric power transmission network, ELES, will present their experiences in how to innovatively design and implement international smart grid projects such as the PCI project SINCRO.GRID and the Horizon 2020 projects FutureFlow and NEDO. In addition, questions on how to face regional challenges related to the integration of larger amounts of renewables into the grid, on empowerment of consumers and on creation of new business models will be addressed.</i></p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Darko Kramar, Assistant Director in the TSO Division, ELES d.o.o.</i> • <i>Simon Tot, Head of Strategic Innovation Project Coordination, ELES d.o.o.</i> <p>Moderator: <i>Hélène Chraye, Head of Unit, Clean Energy Transition, Directorate C – Clean Planet, Directorate-General for Research and Innovation, European Commission</i></p>
<p>12:30-13:00</p>	<p>Outreach intelligence: Regulatory activities on fostering innovation</p> <p><i>The objectives of the European Green Deal require not only large investments into energy infrastructures, but also increasing the efficiency of the use of existing infrastructures. In this regard, the EU Agency for the Cooperation of Energy Regulators (ACER) understands innovation as the main facilitator of efficiency and thus one of the core contributors to the green transition. As existing incentives appear relatively inefficient, regulatory frameworks need to adapt in order to boost the uptake of innovative solutions. ACER will present its work on fostering innovation and discuss potential new perspectives on regulatory incentives.</i></p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Jan Kostevc, Team Leader, Energy Infrastructure, European Union Agency for the Cooperation of Energy Regulators (ACER)</i>

	<ul style="list-style-type: none"> • Vera Silva, T&D Europe Vice-President, Chief Technology Officer, GE Grid Solutions <p>Moderator:</p> <p>Vincent Berrutto, Head of Unit responsible for innovation, research, digitalisation, and competitiveness at the Directorate-General for Energy, European Commission</p>
13:00-14:30	Lunch/networking
14:30-15:30	<p>Panel Session 2: Energy for sustainable and inclusive society (<i>interactive platform</i>)</p> <p>New materials, new crosscutting technologies, RES integration and new storage capacity through batteries or hydrogen will drive the energy efficiency and flexibility of built environment and mobility systems. However, to enable the diffusion of these climate-friendly technologies we must ensure they are accepted by citizens, which can often be challenging. Society's support of the low-carbon transition as well as engagement and empowerment of local communities is a key element for moving forward. The session is aimed at setting a holistic vision on how SET plan actions related to buildings, positive energy districts or mobility for all, will be central for implementing different EU and global strategies (e.g. Renovation Wave, Circularity action Plan, the New European Bauhaus, Recommendation on Energy Poverty, UN Sustainable Development Goals). These strategies are pivotal to improving, in a fair way, the places where we work, live or move.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Robert Dominko, Research Professor, National Institute of Chemistry and Professor of Ljubljana University • Paul Cartuyvels, International Affairs Managing Director, Bouygues Europe & President, European Construction Technology Platform (ECTP) • Karen Vancluysen, Secretary General, Polis Network • Susana Batel, Researcher, Center for Social Research and Intervention (CIS-ISCTE), University Institute of Lisbon • Michela Magas, Chair, Industry Commons Foundation <p>Moderator: Piotr Szymanski, Director, Directorate C – Energy, Transport and Climate, Joint Research Centre, European Commission</p>
15:30-16:00	Coffee Break/networking
16:00-17:00	<p>Panel Session 3: Energy for smart industrial growth (<i>interactive platform</i>)</p> <p>New ambitious climate targets require us to step up with the development and deployment of clean energy. Will hydrogen and other enablers (including synthetic fuels) develop fast enough to allow decarbonisation of energy production and utilisation in industry? What could be the best energy mix for the economy and will it include new nuclear technologies (small modular reactors)? How will clean energy transition influence the competitiveness of the European industry at both production cost and for producing equipment for energy (to produce, to store, to transform and to use)?</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Josef Sobolewski, Chairman, European Nuclear Cogeneration Industry Initiative (NC2I) & Member, Governing Board of SNEPT

	<ul style="list-style-type: none"> • Valerie Bouillon-Delporte, Hydrogen Ecosystem Director, Michelin • Anne Chloe Devic, Innovation manager, European Chemical Industry Council (CEFIC) • Axel Eggert, Director General, European Steel Association (EUROFER) • Rob van der Meer, Industrial Policy Director, European Cement Association (CEMBRUREAU) <p>Moderator: Rosalinde van der Vlies, Director, Directorate C – Clean Planet, Directorate-General for Research and Innovation, European Commission</p>	
17:00-17:30	<p>Show case: SET Plan IWGs snapshots</p> <p>The session will include a brief virtual presentation of SET plan achievements after 14 years by presenting snapshots on SET Plan IWG success stories.</p>	
17:30-18:00	Matchmaking/Exhibitions	SET Plan internal meetings
19:00-	Dinner – Bled Rose Hotel (Hosted by ELES)	
Day 2 – 26 November (half day)		
08:00-09:00	Registration and coffee/networking	
09:00-10:00	<p>High Level Session: The future of SET Plan (interactive platform)</p> <p>Increased cooperation among Member States in R&I can help reach the Green Deal targets. The SET plan is the core mechanism to engage with Member States, industry and stakeholders, ensuring synergies between initiatives and provide a platform to align efforts. Horizon Europe will lend strong support to the SET Plan through the new co-funds with Member States, and co-programmed partnerships with the industry. In addition, the revised European Research Area (ERA) provides a new cross cutting approach on skills, data, infrastructures, dissemination or exchange of researchers. In particular, the EU is developing an ERA approach to hydrogen, which needs to be better linked with the SET Plan.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Tinne Van der Straeten, Minister for Energy, Belgium • Piotr Naimski, Secretary of State for Strategic Energy Infrastructure, Poland • Signe Ratso, Deputy Director-General, Directorate-General for Research and Innovation, European Commission • Bernard Magenhann, Deputy Director-General, Joint Research Centre • Mechthild Wörsdörfer, Deputy Director-General, Directorate-General for Energy, European Commission <p>Moderator: Blaž Košorok, State Secretary, Ministry of Infrastructure, RS</p>	
10:00-11:30	<p>Outreach to the citizens</p> <p>World café: How do SET Plan technologies address people's and planet's needs?</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Dejan Paravan, Chief innovation officer, GEN-I 	
11:30-12:00	Coffee Break/networking	

<p>12:00-13:00</p>	<p>Feedback on World café and Closing remarks</p> <p>Speakers:</p> <ul style="list-style-type: none"> • <i>Blaž Košorok, State Secretary, Ministry of Infrastructure, RS</i> • <i>Massimo Garribba, Acting Director-General, Directorate-General for Energy, European Commission</i> • <i>Bernard Magenhann, Deputy Director-General, Joint Research Centre</i> • <i>Rosalinde van der Vlies, Director, Directorate C – Clean Planet, Directorate-General for Research and Innovation, European Commission</i> • <i>Jean-Eric Paquet, Director-General, Directorate-General for Research and Innovation, European Commission</i>
<p>13:00-</p>	<p>Lunch/Networking</p>

