



MOBILISING THE RESEARCH, INNOVATION AND EDUCATIONAL CAPACITIES OF EUROPE'S UNIVERSITIES IN THE SET-PLAN



1st UNI-SET Energy Clustering Event

“Human resources and new knowledge to build the future energy system”

#UNISSET2016NO

Hosted by

***Norwegian University of Science and Technology (NTNU)
Trondheim, Norway***

24-26 February 2016

Event Programme

Wednesday 24 February

19.00-19.30	Registration
19.30-20.30	Welcome Reception <i>Welcome Speech: Prof Torbjørn Digernes, Chair of the European Platform of Universities in Energy Research & Education (EUA-EPUE) and the UNI-SET Steering Committee; Former Rector of NTNU, Norway</i>
20.30-	Northern Lights Hunting (weather permitting)

Thursday 25 February

8.30-9.00	Registration
9.00-9.20	<p>Welcome Addresses</p> <p><i>Prof Gunnar Bovim, Rector of the Norwegian University of Science and Technology (NTNU), Norway</i></p> <p><i>Prof Rolf Tarrach, EUA President; University of Luxembourg, Luxembourg (Video address)</i></p> <p><i>Ms Lesley Wilson, EUA Secretary General</i></p>
9.20-10.00	<p>Keynote speech: The global energy system to 2052. What should universities do?</p> <p><i>Prof Jørgen Randers, Professor Emeritus, BI Norwegian Business School, Norway; co-author of the Club of Rome Report "Limits to Growth"</i></p>
10.00-10.30	<p>Clean Energy Research and Innovation at European level</p> <p><i>Dr Gwennaël Joliff-Botrel, Head of Unit: 1. Strategy, Dir G — Energy, DG Research and Innovation, European Commission</i></p>
10.30-11.00	Coffee break
11.00-12.30	<p>Overview of the energy education and research activities of European universities and insights into the future energy labour market:</p> <ul style="list-style-type: none"> • Presentation of the conference objectives • Findings of the UNI-SET surveys for universities and energy sector employers <p><i>Dr Lidia Borrell-Damian, Director for Research and Innovation, EUA</i></p> <p><i>Prof Johan Driesen, ESAT, KU Leuven, Belgium; KIC InnoEnergy</i></p>
12.30-13.30	Lunch
13.30-15.30	<p>Plenary session: Sharing good practice initiatives of European universities</p> <p>Chair: <i>Prof Torbjørn Digernes, EUA-EPUE; UNI-SET; NTNU</i></p> <p>Case Studies in 10 minutes each:</p> <p><i>Prof Olav Fosso, Director, Strategic Research Area Energy, Norwegian University of Science and Technology, Norway</i></p> <p><i>Mr Henrik Svensson, Master School Manager, KIC InnoEnergy</i></p> <p><i>Prof Paulien Herder, Director of the Delft Energy Initiative, Delft University of Technology, The Netherlands</i></p> <p><i>Prof António Gomes Martins, Coordinator of the Energy for Sustainability Initiative (Efs), University of Coimbra, Portugal</i></p> <p><i>Prof Johan Driesen, ESAT, KU Leuven; EnergyVille, Belgium</i></p>

	<i>Dr Douglas Halliday, Director of the Multidisciplinary Centre for Doctoral Training in Energy, Durham University, United Kingdom</i>
15.30-16.00	Coffee break
16.00-17.30	<p>Working Sessions: Universities responding to the energy challenge</p> <p>A) Adapting curricula and teaching methodologies to the continually evolving and expanding European energy sector</p> <p>Chairs: <i>Prof Mihaela Albu, University Politehnica of Bucharest, Romania</i> <i>Prof Sigurdur Gardarsson, University of Iceland, Iceland</i></p> <p>University experiences in 5 minutes each :</p> <p><i>Prof Anders Elverhøi, UiO Energy, University of Oslo, Norway</i> <i>Prof José Falcão de Campos, Instituto Superior Técnico, Portugal</i> <i>Prof Pierluigi Leone, Politecnico di Torino, Italy</i> <i>Prof Francesco Carlo Morabito, University of Reggio Calabria, Italy</i> <i>Prof Raphael Romary, Artois University, France</i> <i>Ms Jarry Scheepens-Hasek, Hanze University of Applied Sciences, The Netherlands</i> <i>Prof João Serra, University of Lisbon, Portugal</i> <i>Prof Otar Zumburidze, Georgian Technical University, Georgia</i></p> <p>Rapporteur: <i>Ms Mar Martinez Diaz, KU Leuven; KIC InnoEnergy, Belgium</i></p> <p>B) Fostering cross-disciplinary research to tackle the wide spectrum of issues in realising the transition to a low-carbon energy society</p> <p>Chairs: <i>Prof Gabriel Sala, Technical University of Madrid (UPM), Spain</i> <i>Dr John Smith, EUA</i></p> <p>University experiences in 5 minutes each :</p> <p><i>Prof Victor Becerra, University of Portsmouth, UK</i> <i>Dr Jeroen De Maeyer, University of Ghent, Belgium</i> <i>Ms Berit Edlich, Dresden University of Technology, Germany</i> <i>Prof Maria Llop, Rovira i Virgili University, Spain</i> <i>Prof Tomasz Szoplík, University of Warsaw, Poland</i></p> <p>Rapporteur: <i>Mr Lennart Stoy, EUA</i></p>

C) Cooperation with other energy and policy stakeholders to share new research-based knowledge	<p>Chairs: <i>Prof Giovanni Vincenzo Fracastoro, Politecnico di Torino, Italy</i> <i>Dr Peter Hauge Madsen, Technical University of Denmark, Denmark</i></p> <p>University experiences in 5 minutes each :</p> <p><i>Prof Metin Aydođdu and Prof Dogan Eryener, Trakya University, Turkey</i></p> <p><i>Prof Álvaro Campos-Celador, University of the Basque Country UPV/EHU, Spain</i></p> <p><i>Prof Andriy Malyar, Lviv Polytechnic National University, Ukraine</i></p> <p><i>Dr Kathleen Mehnert, Technical University of Dresden, Germany</i></p> <p><i>Prof Stasys Sinkunas, Kaunas University of Technology, Lithuania</i></p> <p><i>University of Ghent, Belgium</i></p> <p>Rapporteur: <i>Ms Borana Taraj, EUA</i></p>
19.30	Concert (Nidaros Cathedral)
20.00-22:30	Dinner (Archbishop's Palace)

Friday 26 February

8.30-9.00	<p>Plenary session: The Roadmap for European universities in the energy sector</p> <ul style="list-style-type: none"> ○ Report on the outcomes of the 1st day sessions ○ Preparation for discussion on the roadmap <p>Chairs: <i>Prof Paulien Herder, Delft University of Technology, The Netherlands</i> <i>Dr Douglas Halliday, Durham University, United Kingdom</i></p>
9.00-9.10	Change of rooms
9.10-10.30	<p>Parallel sessions: Setting the main elements of a Roadmap for European universities in the energy sector – Moving forward</p> <p>a) Education <i>Chair: Prof Johan Driesen, KU Leuven, Belgium; KIC InnoEnergy</i> <i>Rapporteur: Ms Mar Martinez Diaz, KU Leuven; KIC InnoEnergy, Belgium</i></p> <p>b) Research and Innovation <i>Chair: Prof Tim Green, Imperial College London, United Kingdom</i> <i>Rapporteur: Mr Lennart Stoy, EUA</i></p>

	<p>c) Service to Society <i>Chair: Dr Lidia Borrell-Damian, EUA</i> <i>Rapporteur: Ms Borana Taraj, EUA</i></p>
10.30-11.00	Coffee break
11.00-11.30	<p>Plenary session: Setting the main elements of a Roadmap for European universities in the energy sector</p> <p>Report on the outcomes of the parallel sessions</p> <p><i>Chairs:</i> <i>Prof Paulien Herder, Delft University of Technology, The Netherlands</i> <i>Dr Douglas Halliday, Durham University, United Kingdom</i></p>
11.30-12.45	<p>Roundtable discussion: Strengthening the cooperation of strategic energy stakeholders to deliver the SET-Plan and the Energy Union</p> <p><i>Chair: Prof Torbjørn Digernes, EUA-EPUE; UNI-SET; NTNU</i></p> <p>Panellists</p> <p><i>Prof Peter Lund, UNI-SET Steering Committee; Aalto University, Finland</i> <i>Prof Torsten Fransson, Education Director, KIC InnoEnergy; KTH, Sweden</i> <i>Dr Lidia Borrell-Damian, Director for Research and Innovation, EUA</i> <i>Mr Hans Hvidtfeldt Larsen, Vice-dean DTU NATLAB; Member of the Executive Committee, European Energy Research Alliance (EERA)</i> <i>Dr Simon J. Sutton, Senior Research Fellow, University of Southampton; Former Electricity Sector Manager</i></p>
12.45-13.00	<p>Closing ceremony</p> <ul style="list-style-type: none"> ○ <i>Prof Torbjørn Digernes, EUA-EPUE; UNI-SET; NTNU</i> ○ <i>Prof Giovanni Vincenzo Fracastoro: Introduction to the 2nd UNI-SET Energy Clustering Event at the Politecnico di Torino, Torino, Italy</i>
13.00-14:00	Farewell lunch