



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



4th UNI-SET Energy Clustering Event

Universities in the Energy Transition: Focus on Sustainable Transport and Carbon Capture, Storage & Use

**Hosted by
Imperial College London**

27-28 March 2017

#UNISSET2017UK

Programme Outline

Monday 27 March 2017

12.00-13.00	Registration & Lunch
13.00-14.00	Welcome Addresses and Keynotes
14.00-15.30	<p>Plenary session</p> <p><i>Session 1: Introduction to UNI-SET and the Conference Objectives</i></p> <p>The first plenary will consist of an introduction to the objectives and format of the conference, including the presentation of the "Roadmap for European Universities in Energy", a general document published on 1 December 2016 by EUA and the UNI-SET consortium. The Roadmap outlines ways forward for universities to coordinate their contributions to the energy transition towards a low-carbon society. As the series of the Energy Clustering Events advances, EUA and its partners will draft roadmaps in selected areas of the European Strategic Energy Technology Plan (SET-Plan). In London, specific feedback for the roadmap in the field of sustainable transport will be collected.</p> <p><i>Session 2: Research, Innovation and Education in Sustainable Transport and Carbon Capture, Storage & Use</i></p> <p>During the second plenary session, keynote speakers will present main research and education challenges for universities in the fields of bioenergy and renewable fuels, batteries and e-mobility, and carbon capture, storage & use, based on the Input papers to the SET-Plan consultations.</p>

15.30-16.00	Coffee break
16.00-17.30	<p>Clustering Sessions <i>Key Challenges in Research, Innovation and Education</i></p> <p>These sessions aim to support the exchange of knowledge between experts in different disciplines and fields of science to support the development of new research ideas and cross-disciplinary perspectives on the different topics. Clustering in this context stands for the interaction of researchers working on similar challenges from the perspective of different scientific disciplines.</p> <p>The sessions also seek to facilitate linkages between research and education. Each speaker will provide a specific angle on the topic.</p> <p><i>Session 1) Sustainable, renewable and biological fuels</i></p> <p><i>Session 2) Electric vehicle and battery technology</i></p> <p><i>Session 3) Carbon capturing and utilisation technology</i></p>
19.00-22.00	<p>Dinner</p> <p><i>Crowne Plaza London-Kensington</i> <i>100 Cromwell Rd</i> <i>London SW7 4ER</i></p>

Tuesday 28 March 2017

9.00-9.30	<p>Plenary Session <i>Reporting of the Clustering Sessions</i></p>
9.30-10.45	<p>Parallel sessions <i>Good Practices in Research, Innovation and Education</i></p> <p>In these sessions, university leaders will be given the floor to share good practices in the specific fields below. The main objective is to facilitate mutual learning and exchange through presentations on projects and activities with an innovative approach to research, education, training, or innovation activities. Preference will be given to activities with a multi-disciplinary (integration of sciences, social sciences and humanities) and/or collaborative approaches.</p> <p>See the Call for Contributions to submit a presentation proposal for the sessions.</p> <p><i>Session 1) Sustainable, renewable and biological fuels</i></p> <p><i>Session 2) Electric vehicle and battery technology</i></p> <p><i>Session 3) Carbon capturing and utilisation technology</i></p> <p><i>Session 4) Subsurface and geology research for CCS</i></p>

10.45-11.15	Coffee break
11.15-12.30	<p>Outlook Sessions</p> <p><i>Session 1) Planning and behavioural dimensions for sustainable transport</i></p> <p>This session aims at creating a forward-looking discussion on the socio-technical dimension of sustainable transport. Questions to be discussed are for example: How can social and behavioural science support the transition towards more sustainable transport? What is the role for science-based planning? How are universities contributing to it?</p> <p><i>Session 2) CCS/CCU finance and demonstration</i></p> <p>This session seeks to stimulate a discussion on the future of Carbon Capturing Technology and the use of CO₂. What is the outlook to develop industrial-scale demonstration projects? How can CCS/CCU projects be financed? And how economically viable will they be? Is there a role to play for universities to guide the development of such projects? How promising is carbon storage and use technology to reduce greenhouse gas emission levels?</p>
12.30-13.30	Lunch
13.30-14.00	<p>Plenary Session</p> <p><i>Reporting of the Parallel and Outlook Sessions</i></p>
14.00-15.15	<p>Panel discussion</p> <p><i>Energy, Science and Citizens: How to communicate?</i></p>
15.15-15.30	Closing ceremony