



## Call for Contributions

5th UNI-SET Energy Clustering Event

***“Universities in the Energy Transition: Science & Skills for Renewables Integration”***

KU Leuven, 31 May - 2 June 2017

**Deadline: Friday, 7 April 2017**

The [UNI-SET](#) consortium is inviting university contributions for different parallel sessions for the upcoming [5th Energy Clustering Event](#) (ECE) in Leuven, Belgium (31 May – 2 June). The event is part of a series of six ECEs which take place in 2016 and 2017. You can find more information on the [UNI-SET website](#).

The main themes, around which the event sessions are programmed, focuses on one of the 10 Key Actions (KA) of the [European Strategic Energy Technology \(SET\) Plan](#)<sup>1</sup>:

- No 1 in Renewables
  - Performant renewable technologies integrated in the system
  - Reduce costs of technologies

The main objectives of the event are to:

- Mobilise the European university community to tackle the “energy challenge” by fostering inter-university cooperation and raising the voice of universities in the development of energy policy at EU level.
- Stimulate discussion among university leaders from different disciplines in order to explore the potential outcomes of innovative and multidisciplinary research and education programmes in terms of top research and development of human resources.
- Share and discuss the role of institutional (university-level) initiatives in supporting and developing energy research and education activities.

Another major goal of the event is to collect input from participants to feed into the development of a European research and education roadmap in the field of renewables integration, in line with the [“Roadmap for European Universities in Energy”](#) published on 1 December 2016.

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<sup>1</sup> UNI-SET has coordinated the response of the [European Platform of Universities in Energy Research & Education \(EUA-EPUE\)](#) to the consultative process launched by the European Commission on the SET-Plan. The EUA-EPUE input papers on Key Action 1 can be found at the following [link](#).



## Call for Contributions to parallel sessions (Good practices and case studies)

### **Contributions**

In the parallel sessions, university leaders will share experiences in educating the next generation of Master graduates and researchers, strengthening cooperation and in making more visible the already substantial contribution of universities in implementing the SET-Plan and the goals of the European Energy Union. The UNI-SET consortium therefore invites you to present your own university's innovative practices and projects.

UNI-SET welcomes university contributions for **Parallel sessions** which intend to present:

- **Good practices and case studies** of innovative, multidisciplinary and collaborative research or education actions in relation to renewables technology and renewables integration;
- **Institutional energy initiatives** cutting across the activities of different departments, faculties or centres dedicated to energy.

Preference will be given to contributions from universities participating in the [UNI-SET Universities Survey](#), the [University Energy Atlas](#) and EUA member universities.

UNI-SET aims to highlight good practices of universities to facilitate mutual learning and exchange. The conference organisers are looking for **projects and activities** with an innovative approach to research, education, training, innovation and/or collaboration. We are also inviting proposals sharing experiences from **institutional (university-level) initiatives** supporting and developing energy research and education activities relating to the integration of renewables technologies and solutions.

Presenters will be given 10-15 minutes for their presentation and are encouraged to use a story-telling approach that allows the audience to learn from the experience of the presenter. We invite presenters to reflect on the process of developing, implementing and upgrading their activities.

### **Topics for proposals**

- Universities in Local Initiatives for Renewables Integration
- Grid interconnection at the regional and international level
- Demand response, smart grids & metering, consumers
- ICT, Big Data and Digital Solutions for Renewables
- Education, Training and Skills for the Renewables Sector
- Research & Training for Energy Storage Solutions

***Cross-cutting dimensions***

We encourage applicants to consider one or more of the cross-cutting dimensions listed below when describing their good practice case.

<b>Session</b>	<b><i>Cross-cutting dimensions</i></b>		
	<b>Education</b>	<b>Research &amp; Innovation</b>	<b>Cooperation</b>
<b>Universities in Local Initiatives for Renewables Integration</b>	<ul style="list-style-type: none"> <li>○ Development of multi-disciplinary Master and Doctorate energy programmes (e.g. Joint European Master and Doctorate energy programmes)</li> <li>○ Integration of state-of-the-art energy research into educational programmes</li> <li>○ Adapting teaching methodologies to train future energy professionals (e.g. e-learning, MOOCs)</li> </ul>	<ul style="list-style-type: none"> <li>○ Cross-technologies research to optimise the European energy system</li> <li>○ Integrating technological, social and economic aspects in energy research</li> <li>○ Linking economics and social sciences to tackle energy-related social problems (e.g. human behavioural/attitudinal factors concerning energy use and efficiency, economic and fiscal instruments)</li> </ul>	<ul style="list-style-type: none"> <li>○ Education and research in cooperation with industry and research organisations</li> <li>○ Cooperation with local and regional authorities (i.e. regional innovation strategies)</li> <li>○ Evidence-based policy advice</li> <li>○ Awareness-raising and transfer of knowledge to society</li> <li>○ Cooperation with other stakeholders</li> </ul>
<b>Grid interconnection at the regional and international level</b>			
<b>Demand response, smart grids &amp; metering, consumers</b>			
<b>ICT, Big Data and Digital Solutions for Renewables</b>			
<b>Education, Training and Skills for the Renewables Sector</b>			
<b>Research &amp; Training for Energy Storage Solutions</b>			

***Reference Examples***

At the previous clustering events, good practice cases included multidisciplinary doctoral training centres, campus-wide energy research and sustainability initiatives, collaborative research centres with living labs and innovative master programmes.

## How to apply

Please, provide the following information:

- Title
- Author (including name, institution, position and contact details)
- Thematic area / conference session
- Abstract of maximum 300 words

All applications need to be submitted through [the online form](#) and must be in English. If you wish to submit more than one case, please use a separate form for each proposal. **The deadline for submitting proposals is Friday, 7 April 2017.**

### **Results**

Received applications will be evaluated by the [UNI-SET Steering Committee](#). Selected contributors to the call will be contacted by the UNI-SET team on a rolling basis.

### **Registration to the event**

Registrations for the event will open in March 2017.

An outline of the programme is available on [the event website](#).

## Contact

For further information or questions on this Call for Contributions or the event, please contact the UNI-SET project team at [uni-set@eua.be](mailto:uni-set@eua.be).

To learn more about the UNI-SET project, go to [www.uni-set.eu](http://www.uni-set.eu).

*The UNI-SET Consortium consists of the European University Association (EUA), KU Leuven, Royal Institute of Technology (KTH), Grenoble Institute of Technology INP, UPC BarcelonaTech, Jagiellonian University, and Karlsruhe Institute of Technology (KIT).*



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