

The logo for the SET PLAN Conference 2015 is contained within a white right-angled triangle. The text is stacked vertically: 'SET' and 'PLAN' are in a large, bold, black sans-serif font, 'Conference' is in a smaller black font, and '2015' is in a medium-sized black font. Below this, the tagline 'Research, innovation and competitiveness for the Energy Union' is written in a smaller black font.

**SET
PLAN**
Conference
2015

Research, innovation
and competitiveness
for the Energy Union

**LINKING RESEARCH AND EDUCATION FOR A MORE
COMPETITIVE, LOW-CARBON SOCIETY**

Professor Torbjørn Digernes,
Chair of EUA-EPUE

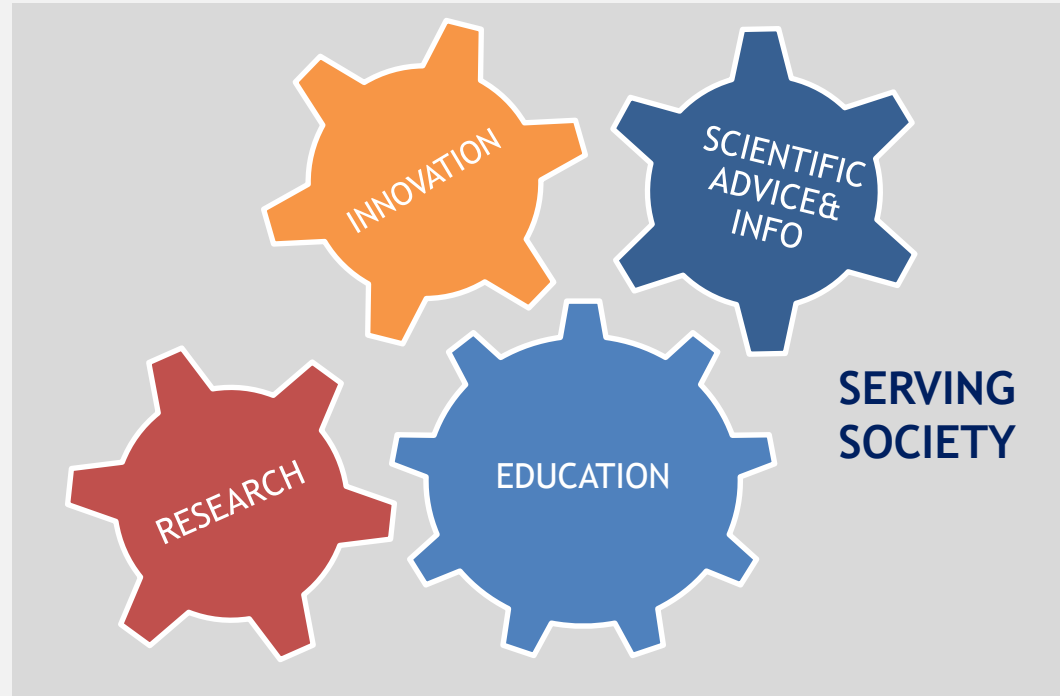
SESSION 2

Towards a competitive European energy technology sector
Monday 21 September 2015

THE CHALLENGES TO REALISE THE EU ENERGY OBJECTIVES

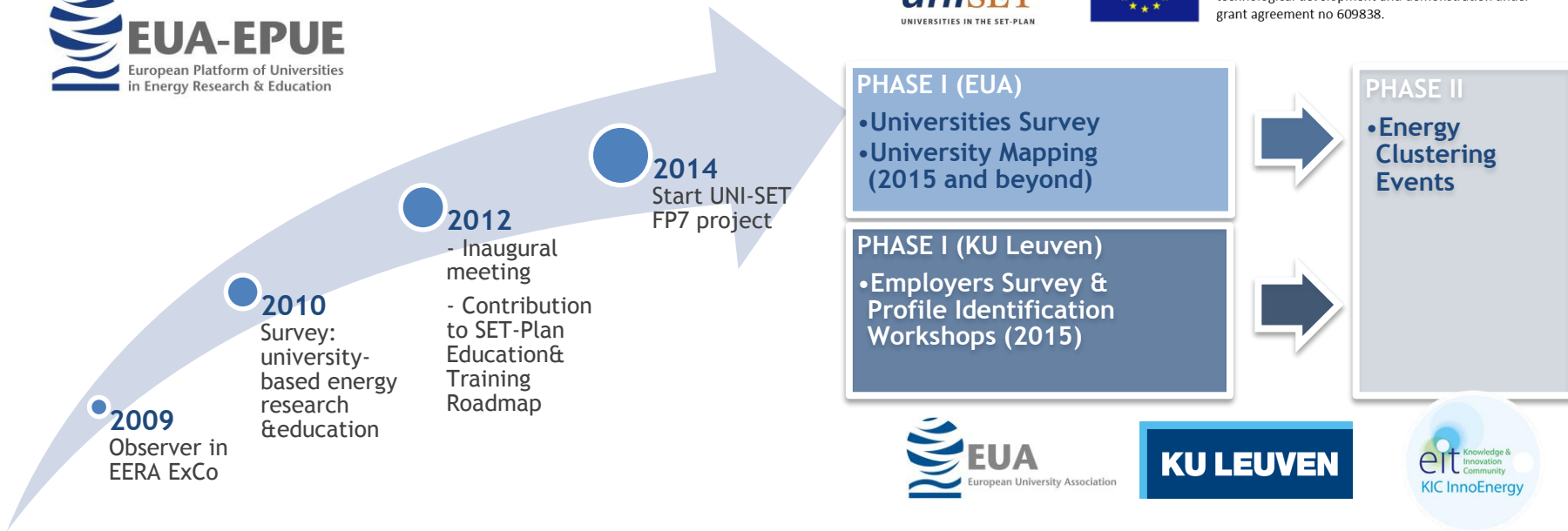
- Research breakthroughs that can
 - improve the competitiveness of **existing technologies**
 - become the basis for innovations that offer **new solutions**
 - enable the **required societal change**
- **Upgrade competencies** in the existing work force to adopt new technologies for the overall benefit of society
- **Develop new human talent** that can strengthen the innovation processes
- Create scientific evidence-based **policy-making**
- Inform and engage **civil society**

THE ROLE OF UNIVERSITIES





This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 609838.



UNIVERSITIES CONTRIBUTING TO ENERGY POLICY MAKING

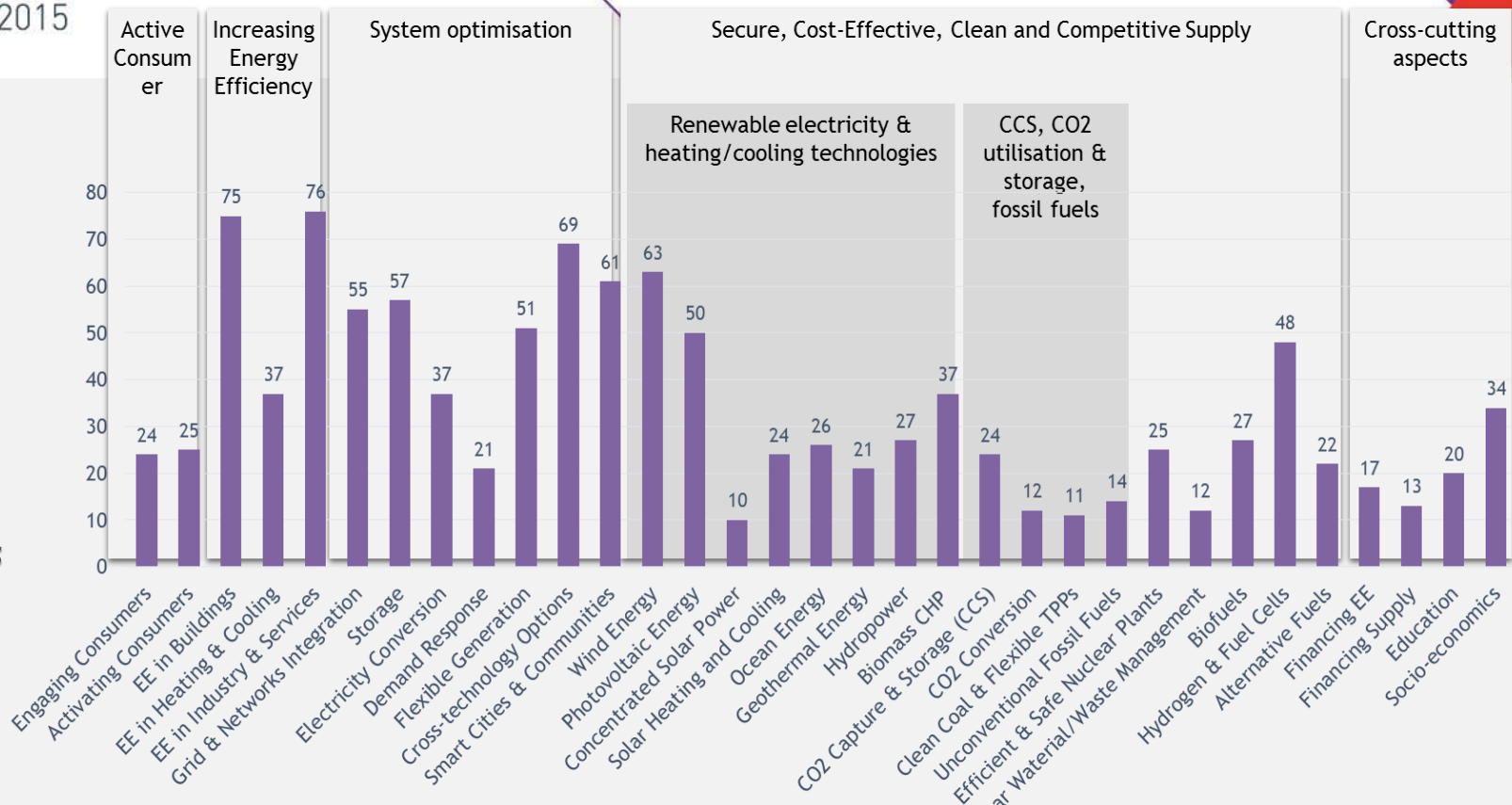


- EUA-EPUE role in EU policy making:
 - Contribution to SET-PLAN Education and Training Initiative through the mobilisation of almost 100 university experts
 - Contribution to the SET-Plan Integrated Roadmap & Action Plan.
 - Coordinated EUA input to the recently published SET-Plan Communication.
- The network created by the UNI-SET project, exceeding 100 universities, will be able to muster a very wide range of competencies that can lead to a new generation of Master, Doctorate and Research programmes as well as to provide enhanced input to EU energy policy development processes.

**UNIVERSITIES
OFFER
MASTER
PROGRAMMES
IN SET-PLAN**

PRELIMINARY RESULTS

EUA-EPUE Survey 2015
(1st phase)



SET PLAN Conference

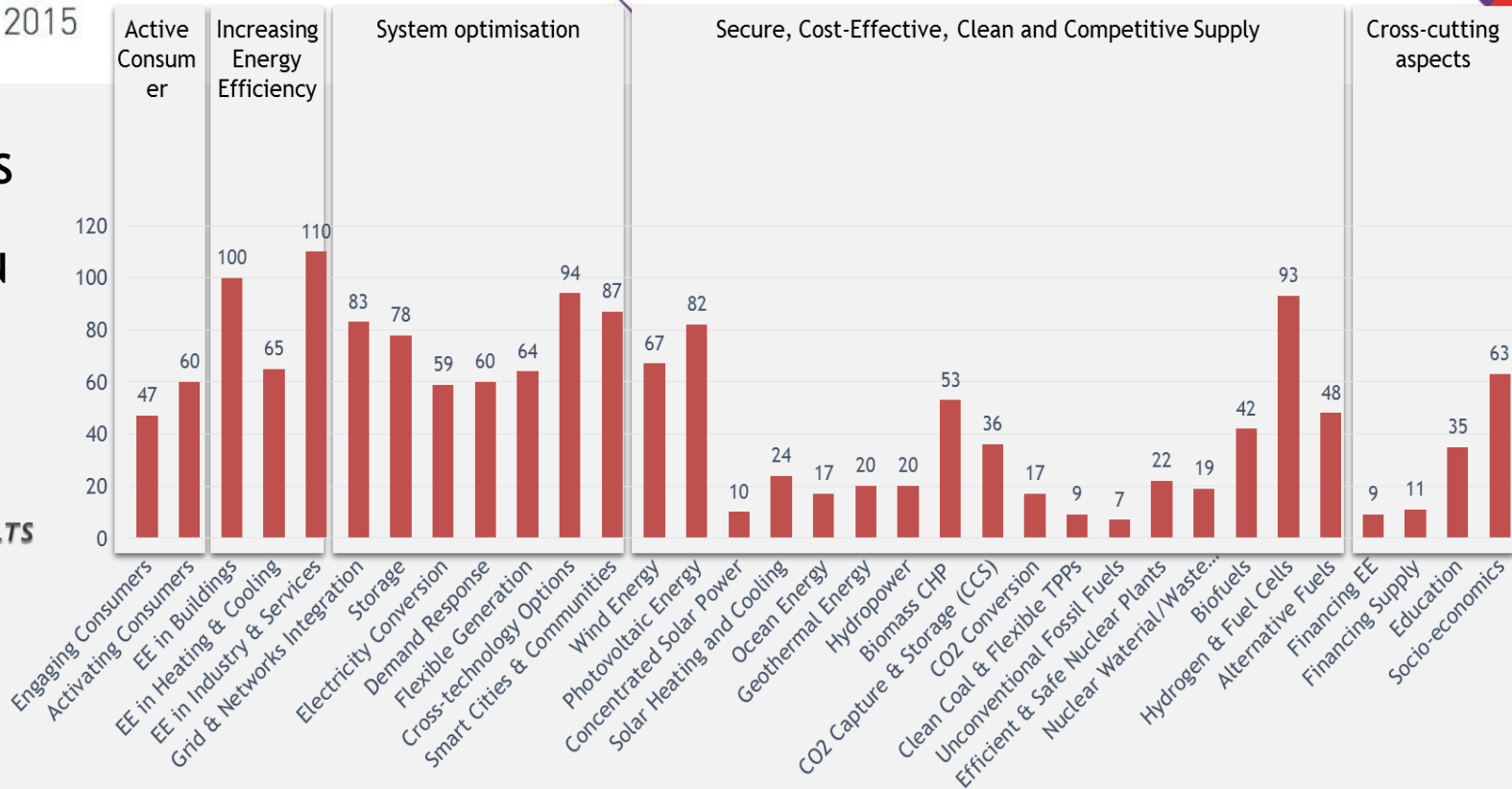
2015

Research, innovation and competitiveness
for the Energy Union

UNIVERSITIES CONDUCT RESEARCH IN SET-PLAN

PRELIMINARY RESULTS

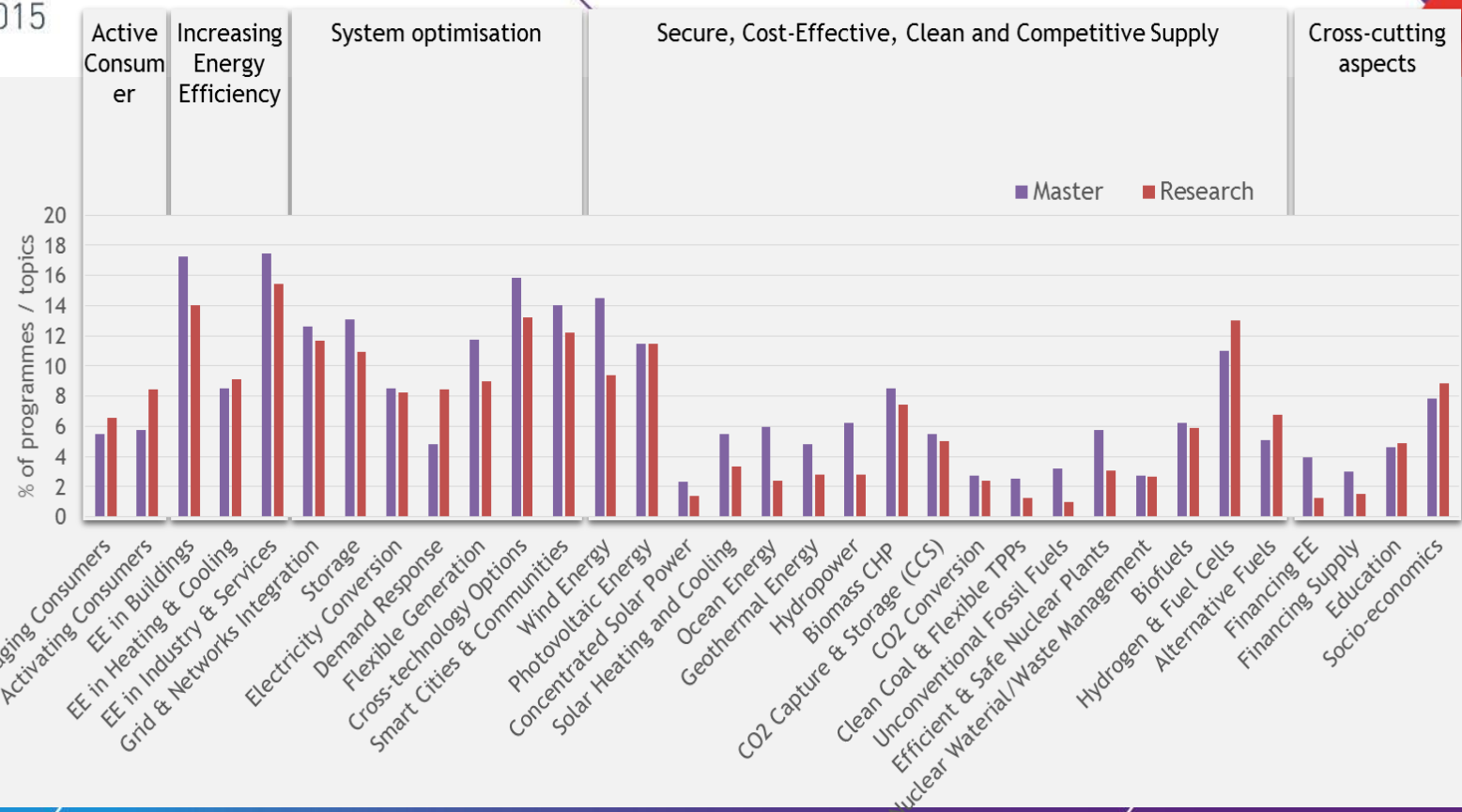
EUA-EPUE Survey 2015
(1st phase)



n of programmes = 713; max. 5 SET-Plan areas per programme


**UNIVERSITIES
LINK
RESEARCH &
EDUCATION IN
SET-PLAN**

PRELIMINARY RESULTS
EUA-EPUE Survey 2015
(1st phase)



**PUT YOUR
UNIVERSITY ON THE
MAP!**
EUROPEAN ATLAS OF
UNIVERSITIES IN
ENERGY RESEARCH &
EDUCATION


For more
information go to
www.uni-set.eu

uni-set@eua.be
 @uniset_fp7



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MOBILISING UNIVERSITIES TO BETTER EXPLOIT THEIR CAPABILITIES

- Creating and updating state-of-the-art energy education programmes
- Integrating energy education, cutting edge research, and innovation
- Students educated in this triangle can be forceful disseminators of new research based knowledge, innovators and change agents in society
- Stimulating multidisciplinary energy education & research collaboration
- Strengthening scientific contribution in energy policy making
- The UNI-SET project has an ambition to be a catalyst in this process



Creating the European Atlas of Universities in Energy Research & Education

- UNI-SET Universities Survey
- <http://universities.uni-set.eu>

Bringing in the voice of the energy sector employers

- UNI-SET Employers Survey
- <http://employers.uni-set.eu>

Strengthening the role of universities in energy policy making

- UNI-SET Energy Clustering Events (ECEs)
- 1st ECE: 24-26 Feb 2016, Trondheim, Norway, NTNU
- 2nd ECE: Sept 2016 - Politecnico di Torino
- 3rd ECE: Nov 2016 - Politechnical University of Bucharest
- 4th ECE: March 2017 - Imperial College London
- 5th ECE: May 2017- KU Leuven



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**SET
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Conference
2015

myenergy
Luxembourg



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Économie



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère du Développement durable
et des Infrastructures

Département de l'Énergie



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère du Logement

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Presidency of
the Council of the
European Union

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luxembourg

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