



# Empowering Research. Enabling innovation.

**A sustainable energy future for Europe**

InnoEnergy PhD School programme – Energy Clustering Event – Nancy, March 2018

## Who we are

Europe's engine for innovation  
in sustainable energy

Empowering every stage  
of the innovation process

Investing in people, technologies,  
businesses

Established 2010:  
supported by the EIT

Public-private partnership  
aiming for financial  
sustainability



# Making connections: the power of the network

6 co-location centres

26 shareholders

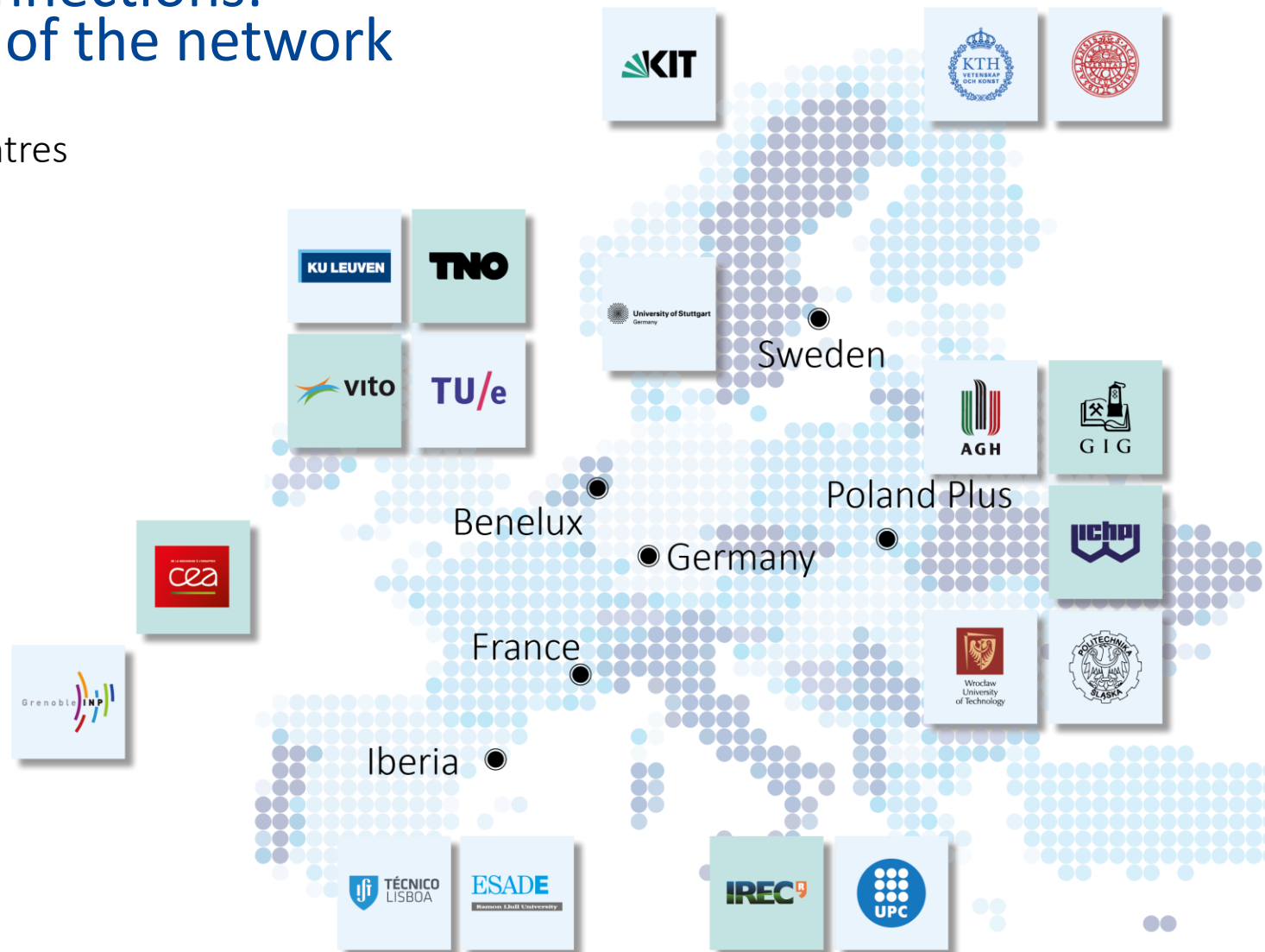
250 additional  
partners

Activities in 17  
countries

## Our Shareholders

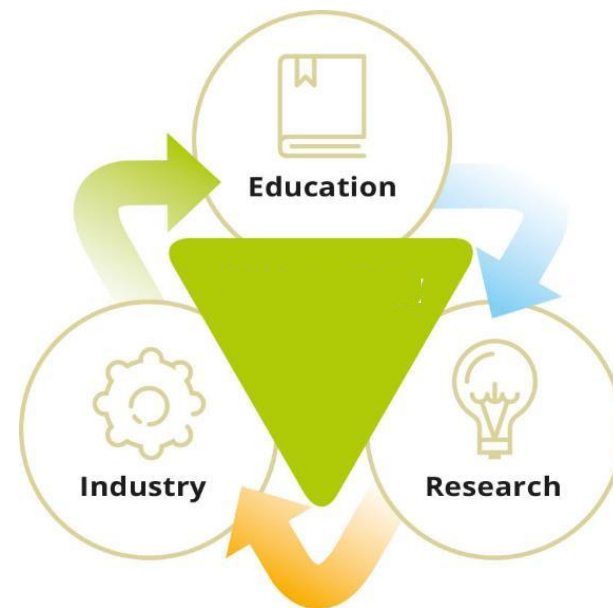
- Research Institutes
- Universities

● Co-location Centres



## Bringing the Knowledge Triangle to life

- **Strengthen EU innovation**
- **Creates tomorrow's entrepreneurs**
- **Increases sustainable growth**
- **Encourages global competitiveness**



# Our Thematic Fields



Clean Coal and Gas Technologies



Renewable Energies



Energy Storage



Smart and Efficient Buildings and Cities



Energy Efficiency



Smart Electric Grid



Nuclear instrumentation



Energy from Chemical Fuels



*“ Research is the transformation of money into knowledge.  
Innovation is the transformation of knowledge into money. ”*

*Geoffrey Nicholson, 3M*

## InnoEnergy PhD School

Our goal is transformation:

- Research to innovation
- Idea to product or service
- Entrepreneurial approach

Partners leading academic institutions

Relationships with commercial sector

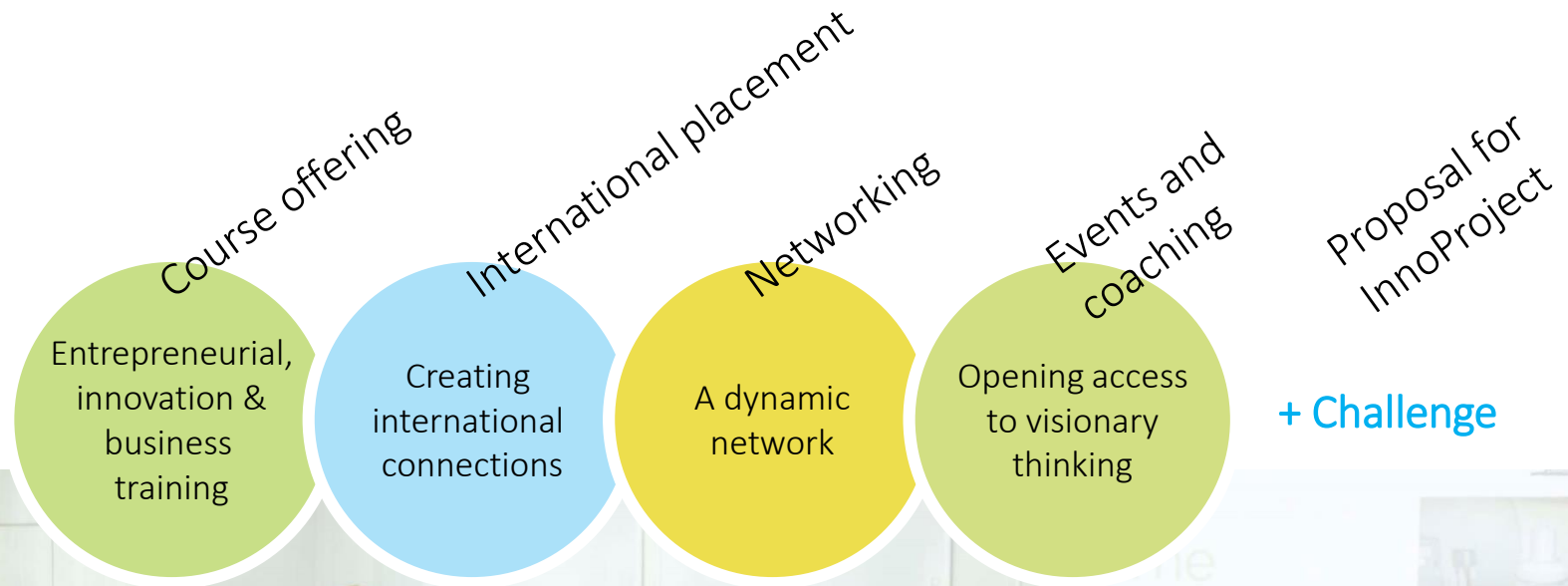
Real world challenges

*Social impact, end-user behavior, urbanism, regulation, decision making, anthropological approach, etc are welcome!*





## How we do it





## Training courses

*≈ 10 days / year, validated by the graduate schools*



Energy Economics  
*One week, on site*



Entrepreneurship  
Summer School  
*Two week, on site*



Innovation Bootcamp  
*Two week, on site*



Law for Academic  
Innovators  
*Two week, offline  
and on-site*



Communication in  
Teamwork & Leadership  
(intro)  
*One week, on site*



Communication in  
Teamwork & Leadership  
(advanced)  
*One week, on site*



Smart Grids  
*One week online,  
one week on site*



Energy Solutions Design for  
Eco-districts  
*One week, on site*

## International placements

- Strengthen cross-cultural collaboration
- 4-12 months away from home university
  - Own research
  - OR related research project
- Choose own placement (company encouraged)
- Financial support: travel, accommodation, subsistence



*Ex: Y. Sidqi G2Elab, France*

*Fractal approach for the modelisation of the electrical grids*

*International mobility at UCL, Belgium for a collaboration with a researcher in urbanism*

## Conferences and events

- Expand personal, professional & institutional network
- Annual conference
  - 3-day event
  - Major European city
  - Learn, explore, inspire, connect, develop



## Individual exploration (optional)

- Individual programme
- Increase research impact
- Events, study visits, workshops, internships and more...



*Ex: M. Hamwi, PhD in science of management, 3 days for interviews with start-up CEOs*

We are searching for PhD candidates who...

## wish to add skills in innovation and entrepreneurship to their ongoing PhD research.

- Are enrolled as doctoral candidates **at a European University**.
- Have secured financing for the duration of their PhD thesis and **2 years before PhD defense**.
- Have an interest in:

Research with an impact in society, improving peoples' welfare.

Helping a company or the whole industry being more competitive.

Founding a company, either independently or within a corporation.

- Work with a PhD thesis project involving **an industrial partner** in co-supervision, project definition, internship or financing.
- Work with a PhD thesis project involving **international** collaboration.
- Work with the **full agreement of the supervisors** to follow the training programme.



## Impact and outputs

- 200+ PhD candidates enrolled since 2011
- 50 alumni
- 10 start-ups founded since 2014
- 90% of alumni in companies
- Activities in 12 countries
- 70/30% Eu / non Eu PhD candidates
- 75/25% M/F

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[www.innoenergy.com/education/phd-school/application/](http://www.innoenergy.com/education/phd-school/application/)



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