



InnoEnergy  
Knowledge Innovation Community

# Engineering Innovation

A sustainable energy future for Europe

24/01/2018

About InnoEnergy

## Who we are

European public-private  
partnership

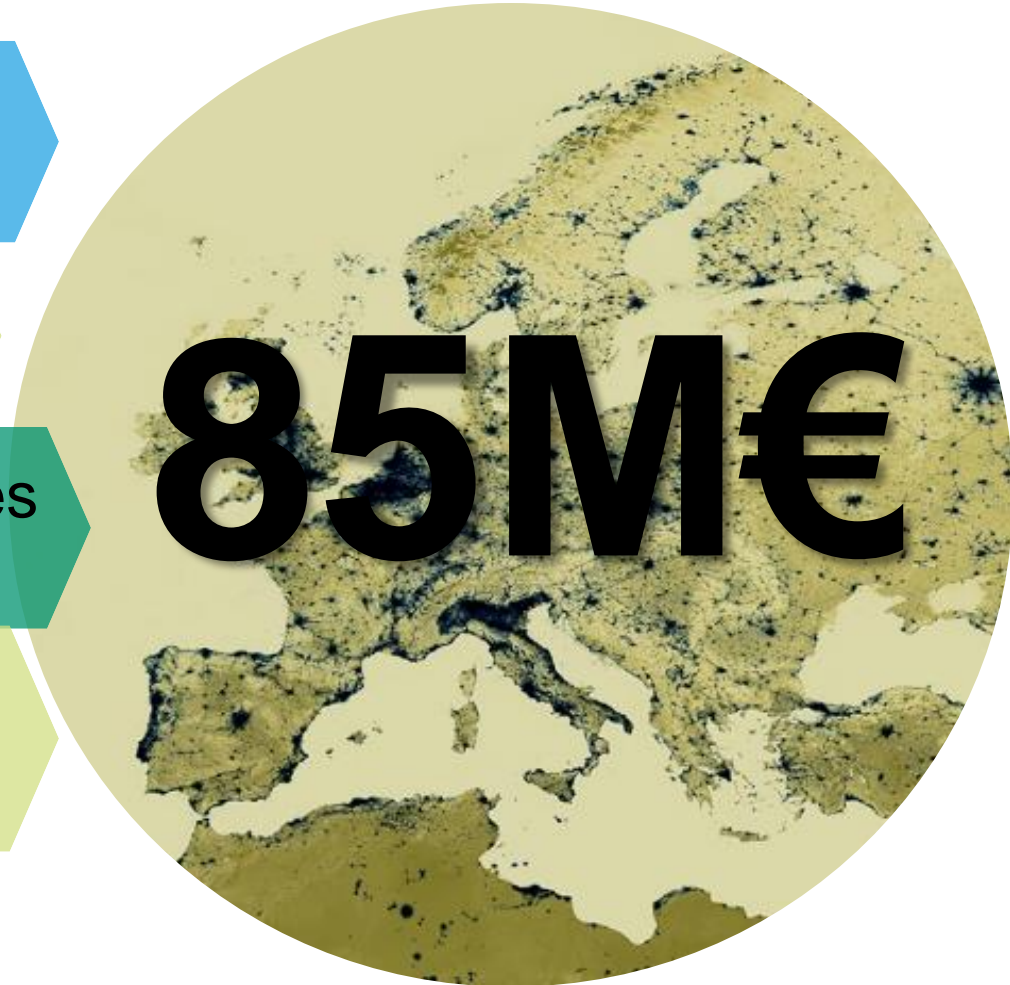
Created to drive innovation  
into the Energy Sector

We invest in people, technologies  
and businesses

Established in 2010 and  
supported financially by the eit  
(European Institute of Innovation &  
Technology)



**InnoEnergy**  
Knowledge Innovation Community



A network diagram background consisting of numerous yellow nodes connected by thin lines, with several nodes highlighted in blue. A green wavy line is positioned above the main text.

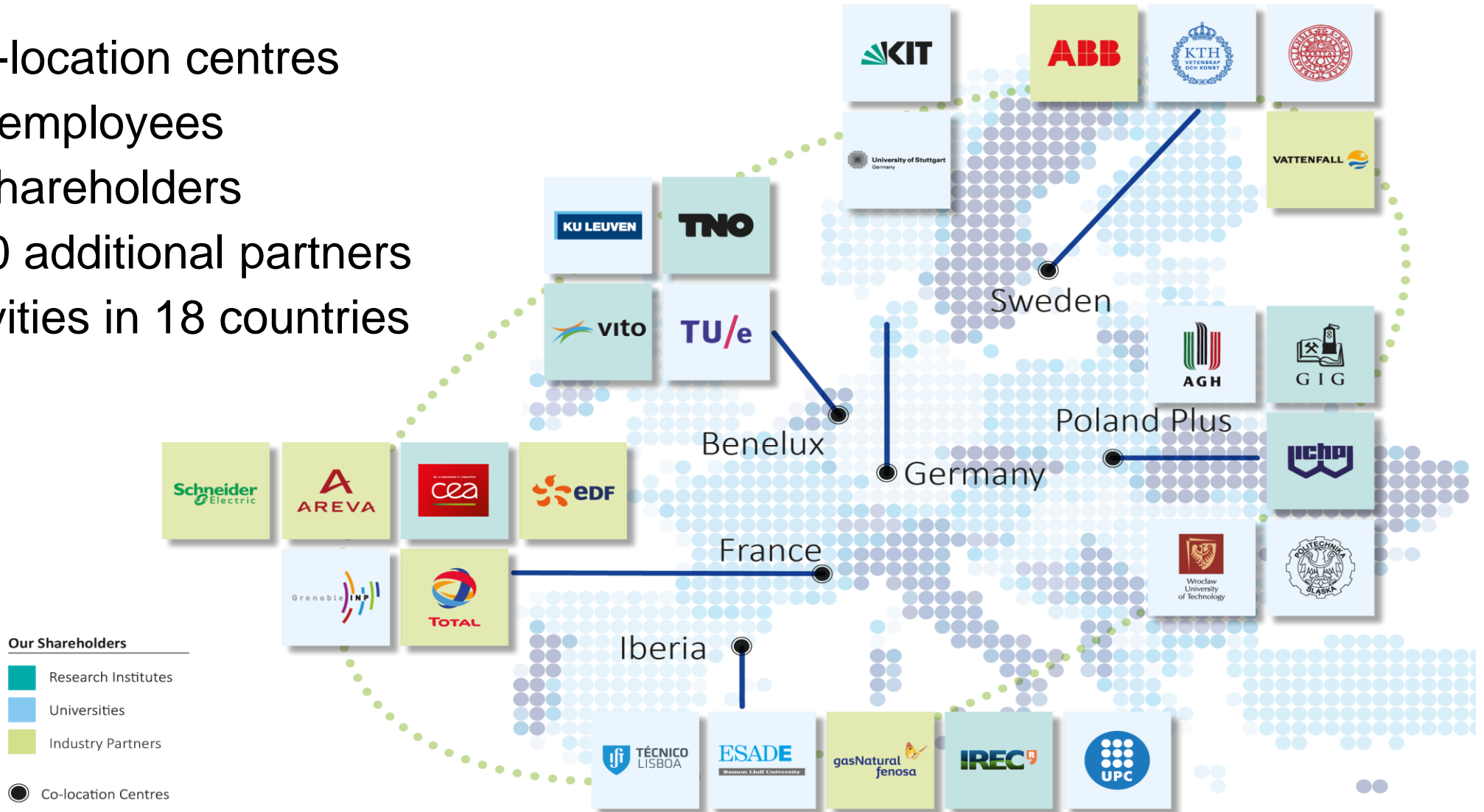
***We are the most trusted  
Innovation Ecosystem  
for Sustainable Energy  
in Europe***

***400+ players***

***18+ countries***

# Our ecosystem

- 6 co-location centres
- 250 employees
- 27 shareholders
- +400 additional partners
- Activities in 18 countries





***We are also the Largest  
Business Accelerator  
for Sustainable Energy  
in Europe***

***200+ assets***

***70 Rol contributors***

***380+ M€ Invested***

# How we invest the 85M€ ?...

Students

**Education**

Tomorrow's Game changers

Research

**Innovation  
Projects**

Disruptive solutions

Entrepreneurs

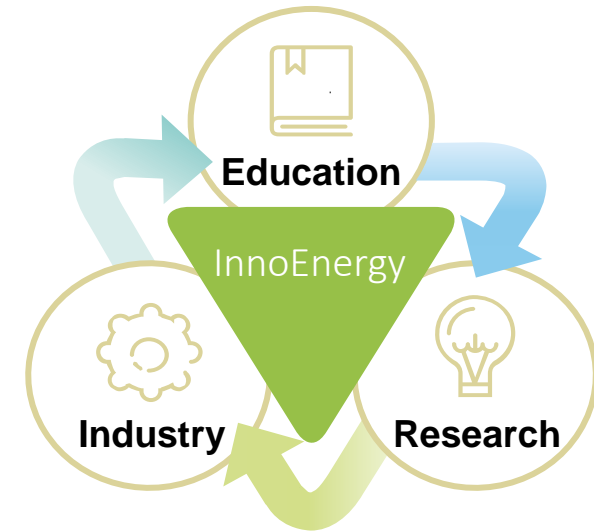
**Start-up  
Accelerator**

New Innovative businesses

Corporations

**Open  
Innovation  
Services**

Boost innovation



# In What? - Thematic fields



Clean coal and gas technologies



Energy storage



Energy efficiency



Energy from chemical fuels



Renewable energies



Smart and efficient buildings and cities



Smart electric grid



Nuclear instrumentation -  
Renewables conversion

# Innovation projects



## 2,5M€ average investment



R&D project that can become a product or service in the market in less than 3 years

Technology readiness: Min. TRL5

Collaborative partnerships from across Europe 3-7 partners (min 2 European countries).

Not dilutive (no equity) and compatible with other sources of capital

Recommendation for the consortium:  
- Include all the value chain:  
(Innovator + Commercializing partner + First customer or early adopter + InnoEnergy partner)

2 main contracts:

1. Fee grant agreement. Get paid against costs reported
2. Fee agreement (Revenue share to be agreed)

# Innovation projects

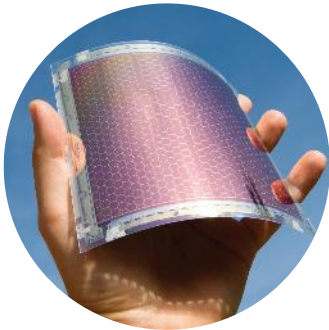
How we support the selected projects...



Investing in technology development



Finding partners for the project



Turning prototypes into viable products



Shortening time to market



Reducing financial risks



Supporting industrialisation

# Innovation Project Investment Round - Open to Excellence from across Europe



alpha ventus rotor installation © Doti / Matthias Ibeler

**Sustainable energy Investment Round 2017**  
**Bring your innovation  
to the market!**  
Join InnoEnergy and together we can make real impact!

[Apply now! >](#)

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**2 calls per year – Spring & Autumn 2018**

# Startups Acceleration programmes

# Startups Acceleration Programs

## InnoEnergy Highway

Seed Capital.

- Maximum time to market 18 to 24 months.
- Market clearly identified.
- Technology development (Min. TRL5)
- Goal: Go to Market.
- Return via Equity participation.

## InnoEnergy Boostway

Expansion Capital

- Post revenue stage.
- Validated and innovative product and/or service.
- Solid financial strategy.
- Goal: Scale-up.
- Return via Fee agreement

## Investment Fund

Co-Investment growth programs

- Investment for participated ventures.
- Co-investment for sales and growth acceleration.
- Additional equity for InnoEnergy.
- Need to present to Investment Committee.

## Technology Fund

Co-Investment Technology development

- Investment for participated ventures.
- Investment in technology development.
- Additional equity for InnoEnergy.
- Need to present to Investment Committee.

# Venture Selection Process

## For ventures with TRL > 5

1



**Apply to a call**

2



**Pre-assessment  
session**

3



**Due diligence**

4



**Assessment  
Committee**

5



**Start InnoEnergy  
Highway or  
Boostway**

# Smart money...

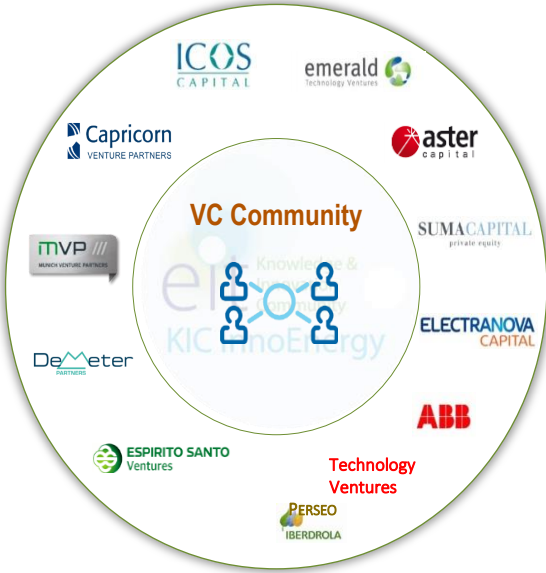
### Management support



### Business network



### VC Community



### Go to market support



**TBB.** The Business Booster by InnoEnergy

Amsterdam, 25-26 October 2017

Creating the future of sustainable energy today

Early bird rates until July 31. Book now!

[www.tbb.innoenergy.com](http://www.tbb.innoenergy.com)

## International InnoEnergy fair where industry and investors meet the start-ups.

...and much more



**Access to US landing program**



**Access to InnoEnergy Talent Pool**



**Project manager assigned**

## **Network**

30 local mentors & BD for international mentors

## **High level advisors**

Cross-border industry expert advise

## **Media**

Support in communication and press releases in international media



Acceleration Programme

# Open call May 24 - June 24 2018

Calling all Spanish and Portuguese sustainable energy start-ups



Venture Selection Process

## for ventures with TRL < 5 (pre-seed)



- 3 months programme for business ideas to become a real business project with commercial focus.
- Organized in **Barcelona** and **Lisbon**.
- Bridge programme to **InnoEnergy** investment.

**Open call until February 18 2018**

# Talent

# Talent programs

7 Master's programs  
focused  
on innovation and  
entrepreneurship



Engineering and Business case ®

\*Methodology developed by InnoEnergy  
in collaboration with:



## *Unique multicultural international experience*

Pioneering universities and  
business schools



Online training courses  
(Mooc's & Spocs)



# 574 Master graduates

## 40+ nationalities



Sigvard Eklund Award

2016



European Youth award

2015



Forbes 30 under 30

2016



HULT Global Challenge

2012



MIT Co Lab Awards

2016

## Professional Learning

Boost the Growth of your Company!



### Competitive Intelligence and Effective Exploitation of Patents

Discover how to capitalise on knowledge of your company and obtain economic and intellectual profit.

2 October 2017

[Go to the course](#)



### Energy Efficiency for Better Buildings

Flexible and based on real-life scenarios, this course gives you the skills and knowledge you need to implement effective energy-saving strategies.

9 October 2017

[Go to the course](#)



### Off-grid renewable energy systems

Explore how off-grid renewable systems help meet the UN's goals for sustainable energy supply – and discover the critical factors for successful implementation.

30 October 2017

[Go to the course](#)



### Go Solar PV

Shape the future of energy – discover the PV business and expand your professional options.

6 November 2017

[Go to the course](#)



### Smarts grids for smart cities: towards zero emissions

Its aim is to develop a technological and behavioural framework to help citizens, companies and cities to reduce their carbon footprint.

13 November 2017

[Go to the course](#)



### Upcoming courses

New courses in the fields of sustainable energy, innovation and entrepreneurship.

[Go to the catalogue](#)

# Open Innovation Services & Tools

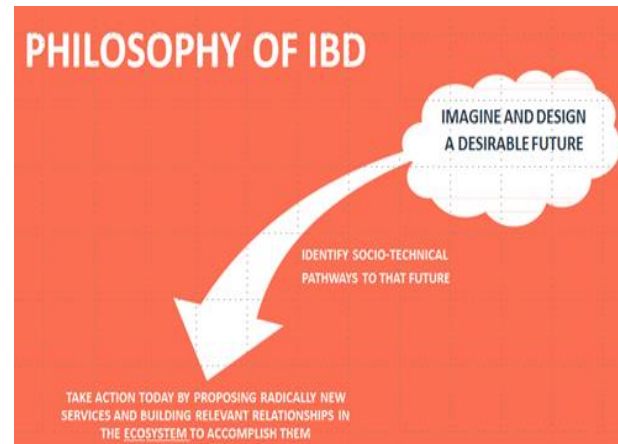
# Open Innovation services & tools

## Helping companies in the Innovation Journey

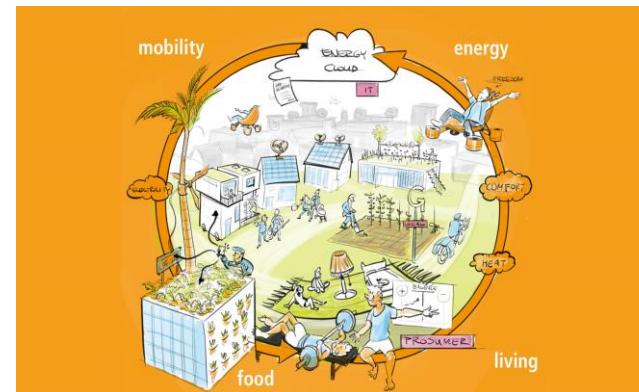
Innovation by design  
program

Open Space Studio  
sessions

**E2Talent<sup>®</sup>**  
Entrepreneurship  
competencies  
team assessment  
for start-ups



Market Creator©



Reverse Pitch events





# The most impactful sustainable energy CommUnity

Share knowledge

Ideate: events, platform,  
challenges...

Connect with  
like-minded people

+ 2.000 users  
already enjoy it



# Some examples

# Second generation bioethanol, bioenergy and bioproducts from organic urban waste



## Floating structure for offshore wind

### ***Testimonial:***

“In InnoEnergy, we gained a partner who collaborates with us and **support both the company and the technology** as we move into a commercial product.”

*João Metelo, President and CEO, Principle Power*



## Floating Lidar Solutions



## Collaborative Energy IoT Platform for the Optimization of the LV Network

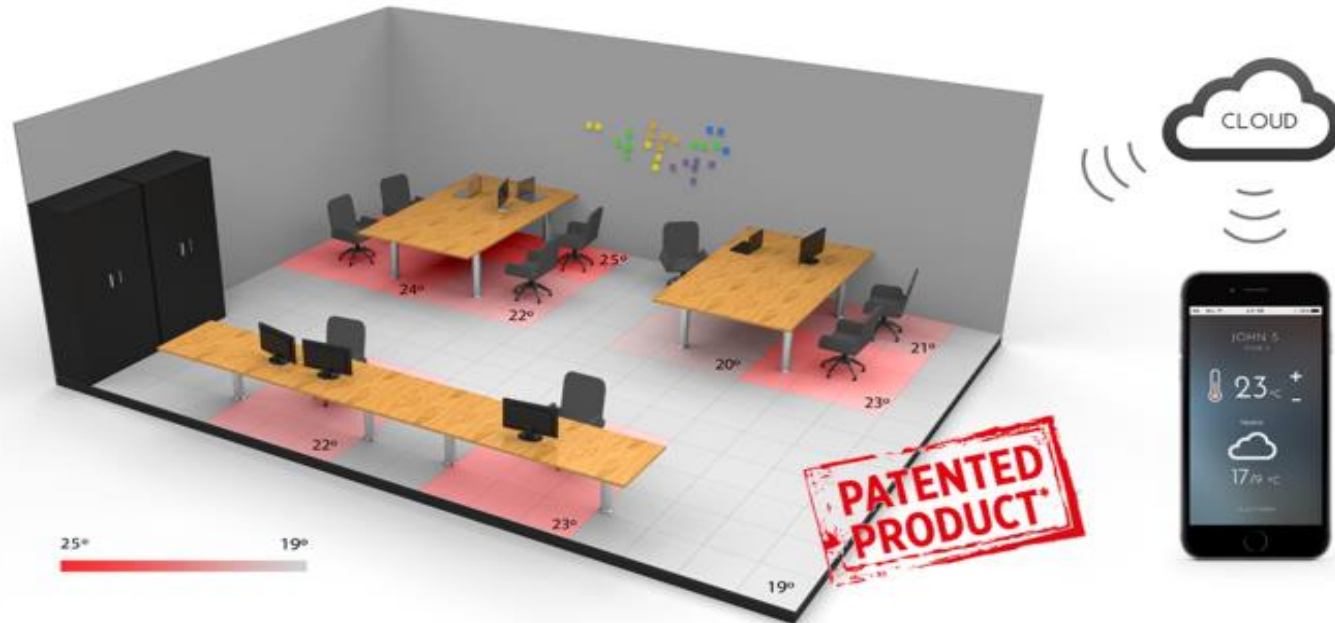


ENEIDA.io

<http://www.eneida.io>

Solution available: *Selling*

# INTELLIGENT FLOOR HEATING SYSTEM



-  Remotely controllable
-  Heat up faster
-  No more overheating
-  Environmentally friendly
-  High durability
-  Modular
-  Save money
-  Reduce energy consumption
-  No more temperature disconformities
-  Efficient
-  Easy and fast installation

## Solar Energy in a DIY kit - plug&play



*30.000 units sold!*



## Cost-effective ultracapacitors solutions



**SKELE+ON**  
TECHNOLOGIES

[www.skeletontech.com](http://www.skeletontech.com)

Solution available: *Today*

# Are you ready for Innovation?

Ignacio.huici@innoenergy.com

Tel. 636141416



[www.innoenergy.com](http://www.innoenergy.com)



InnoEnergy is supported by the EIT,  
a body of the European Union