

Engineering Innovation

A sustainable energy future for Europe



Yiannis
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- About KIC InnoEnergy
- Innovation in Europe
- Sustainability for Europe
- Network and connections
- Our services
 - Innovation Projects
 - Business Creation Services
 - Education

About KIC InnoEnergy

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



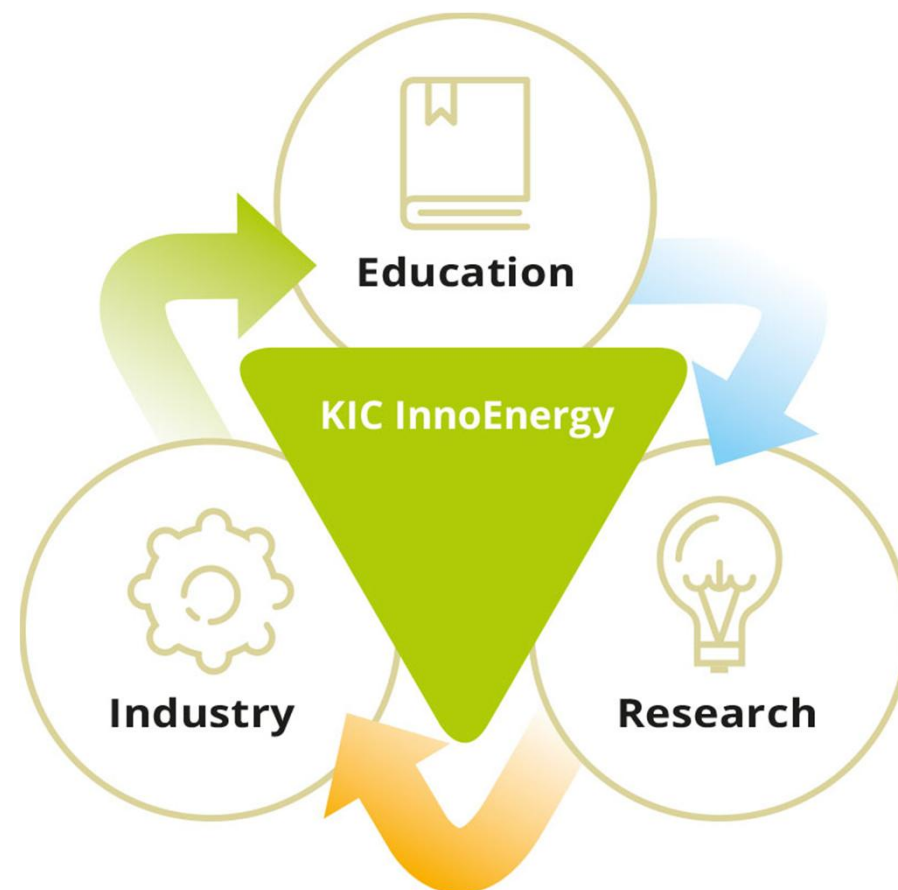
Bringing the *Knowledge Triangle* to life

Strengthen EU innovation

Creates tomorrow's entrepreneurs

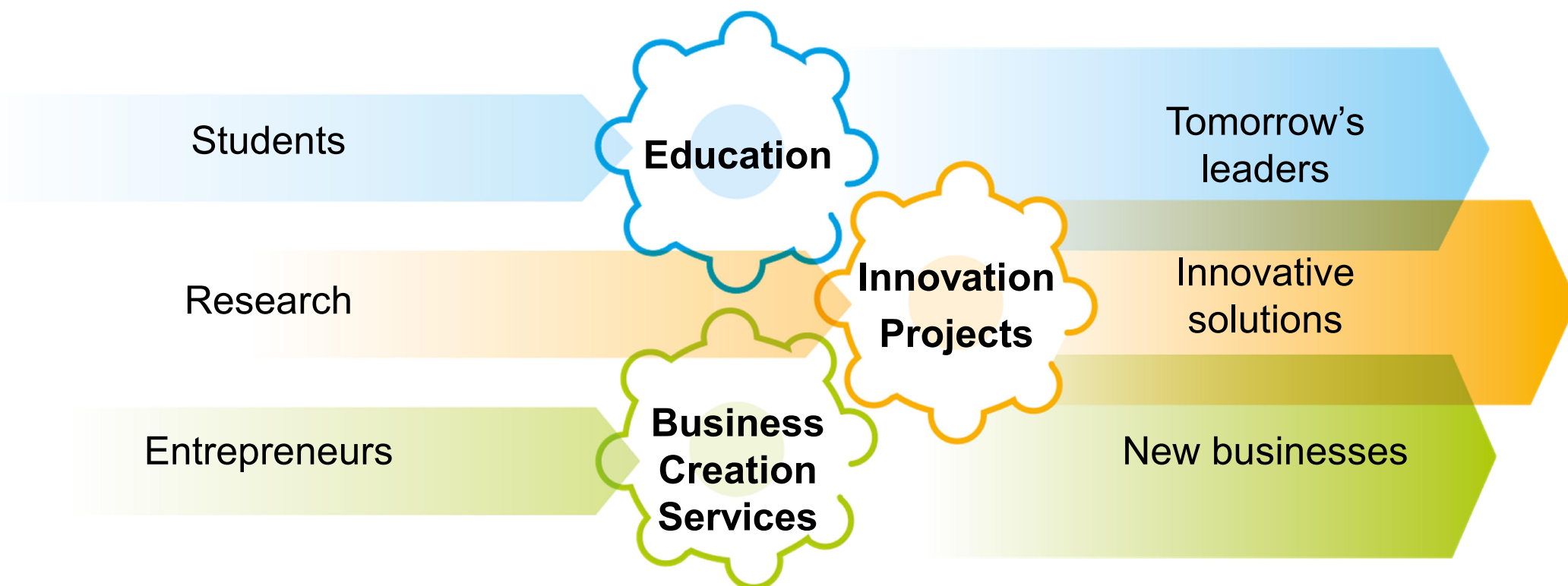
Increases sustainable growth

Encourages global competitiveness



The Innovation Engine for Europe

KIC InnoEnergy



Our goal: sustainable energy

Ensure security and safety of supply

Reduce costs in the energy value chain

Reduce CO₂ emissions

Improve European competitiveness

Remove barriers to innovation

Encourage sustainable growth

Create jobs



Thematic fields and technology focus



Clean Coal and Gas Technologies



Energy Storage



Energy Efficiency



Energy from Chemical Fuels



Renewable Energies



Smart and Efficient Buildings and Cities



Smart Electric Grid



Sustainable Nuclear and Renewable Convergence

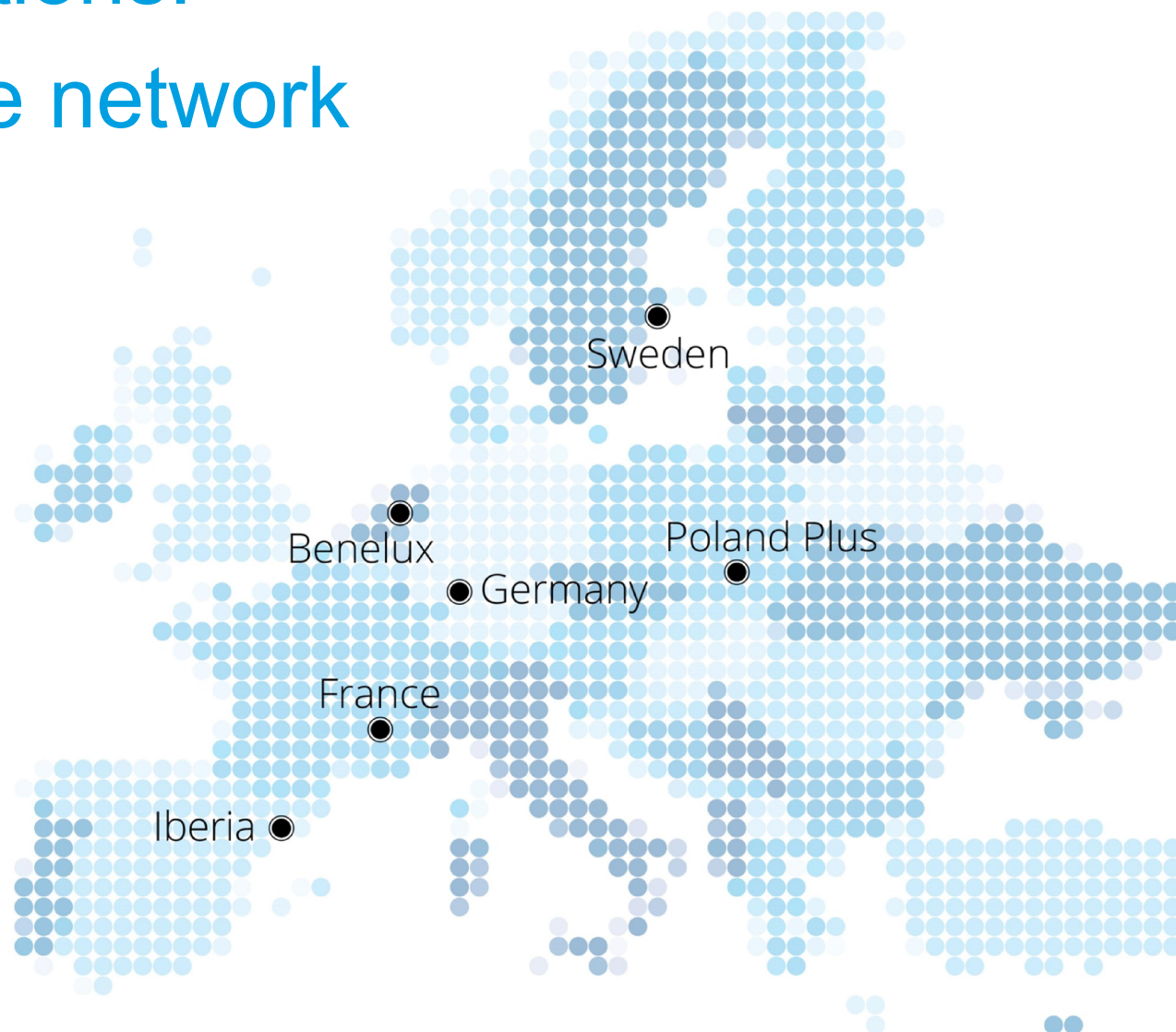
Making connections: the power of the network

6 co-location centres

27 shareholders

160 additional partners

Activities in 17 countries



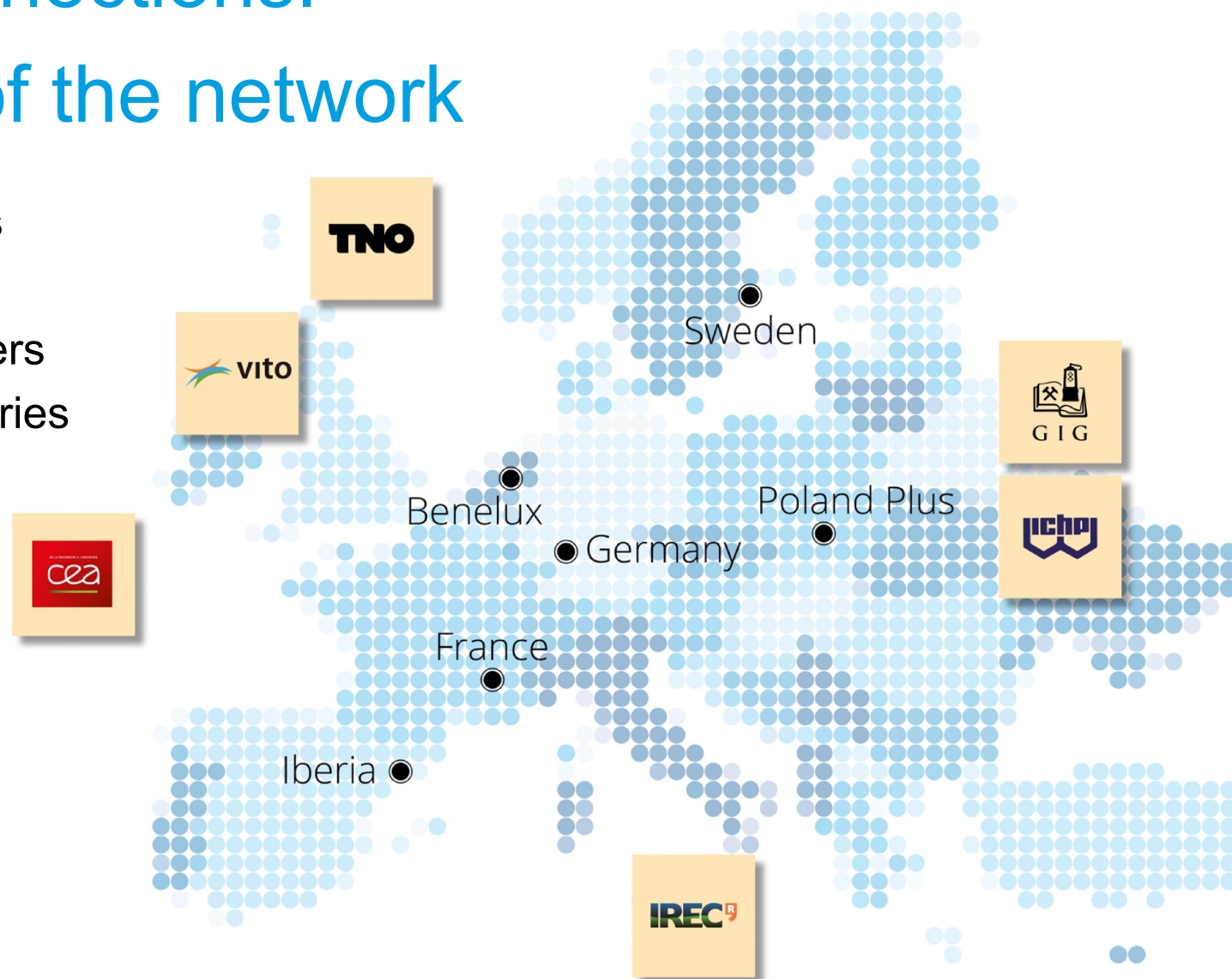
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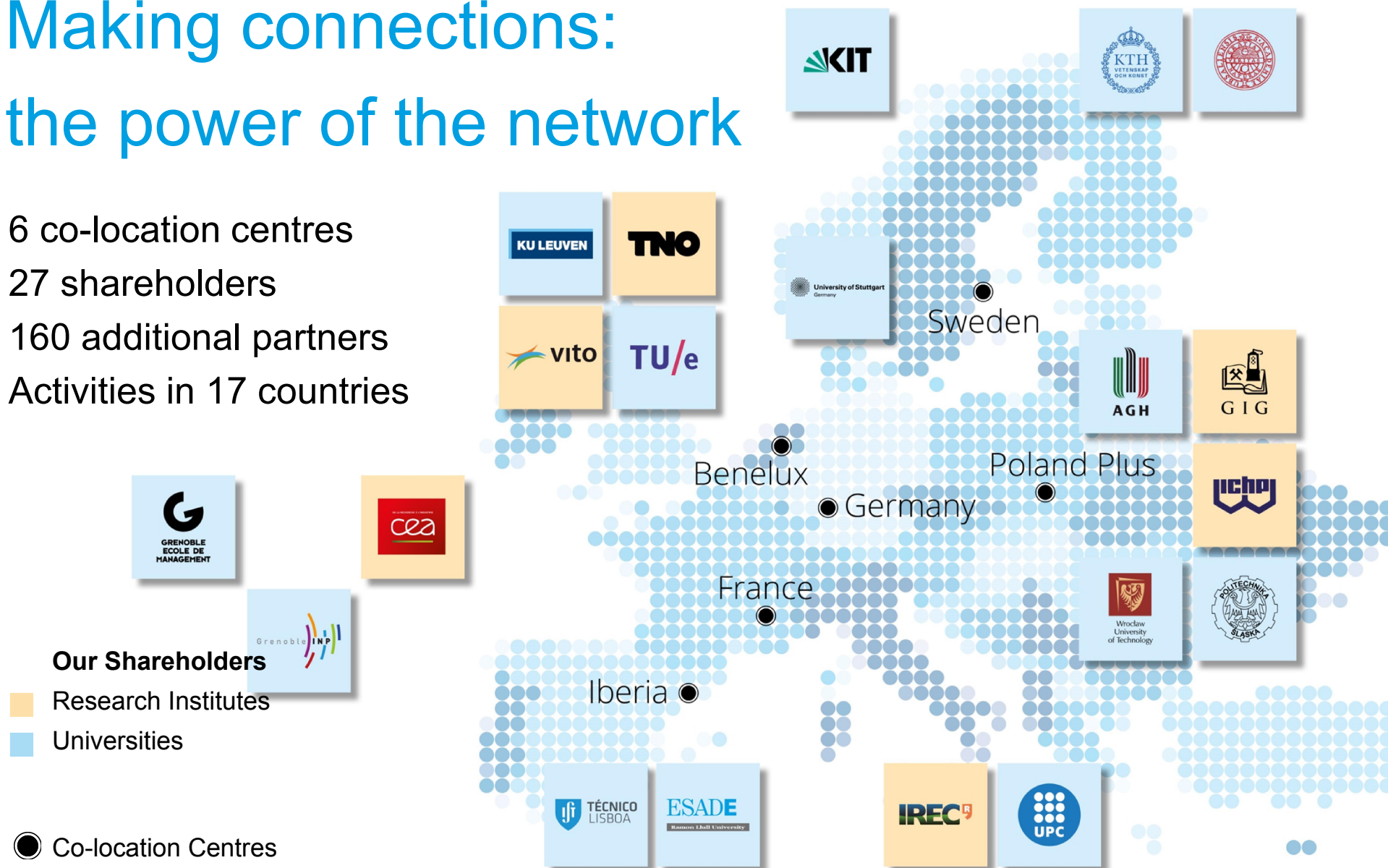
Our Shareholders
Research Institutes

Co-location Centres



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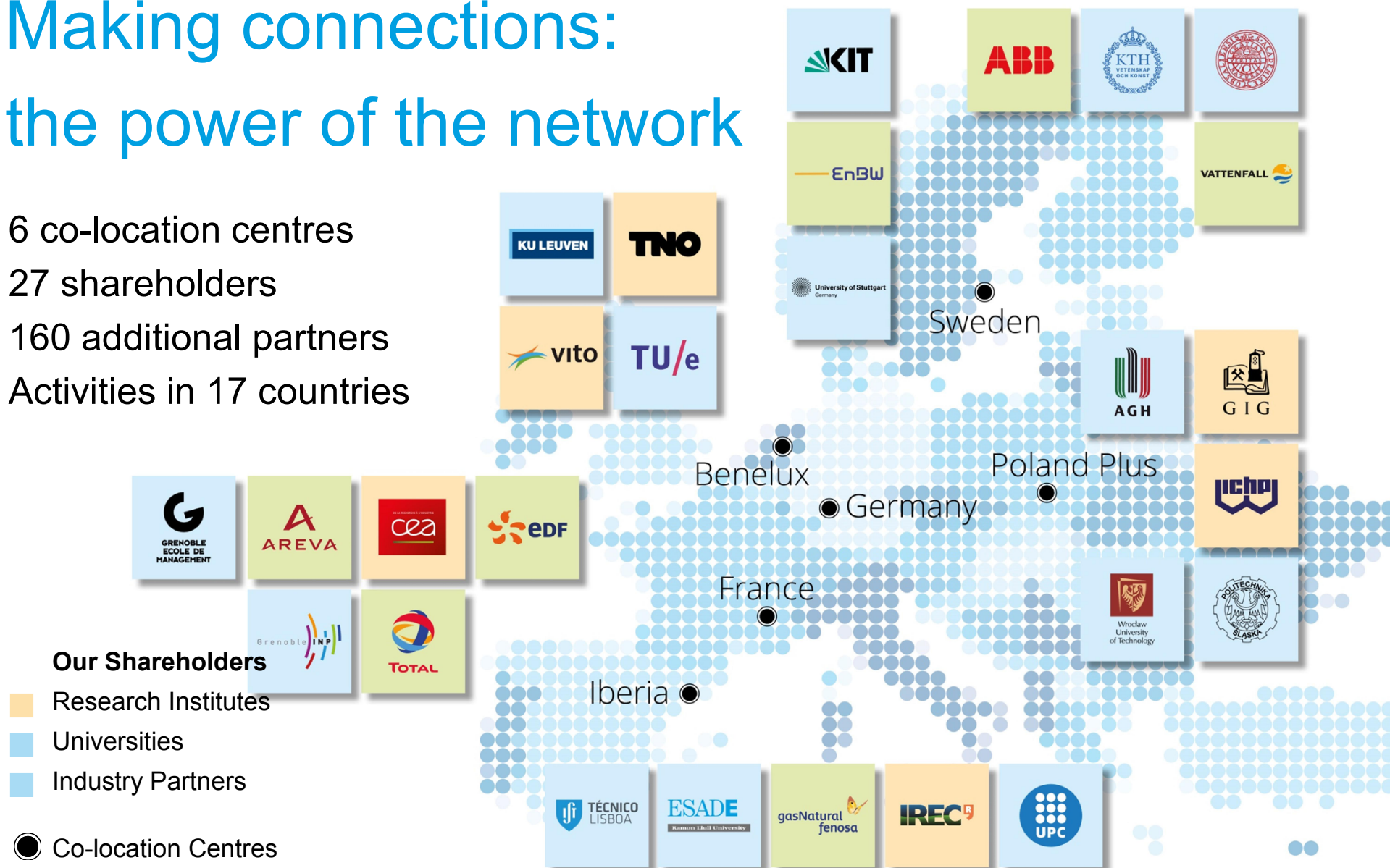
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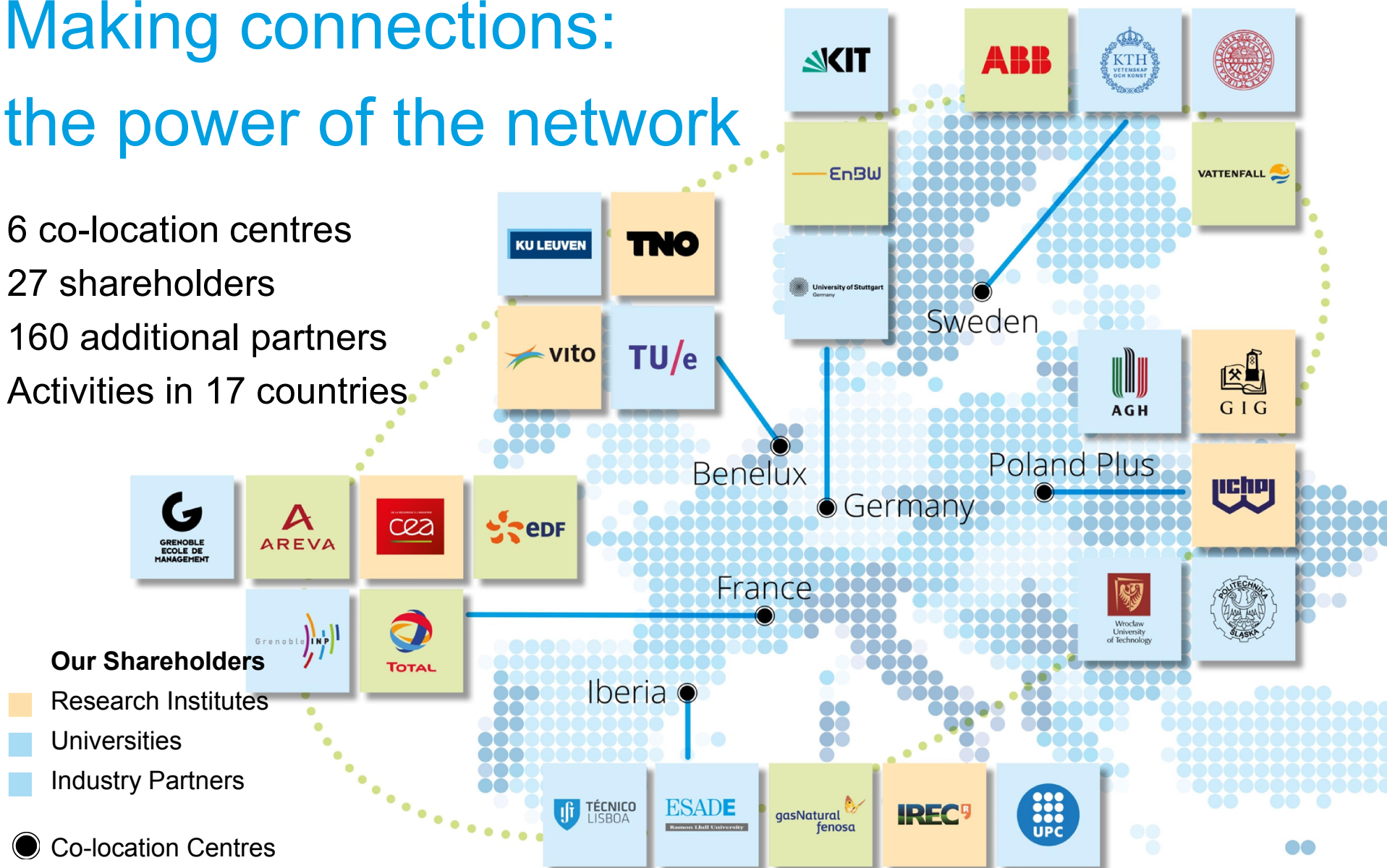
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For every stage of the innovation journey



Innovation
Projects



Business
Creation Services



Education

Connecting ideas and industry, innovators and business partners

Simplifying the journey from lab to launch



Partners, skills and resources



Market needs and potential customers



Shorten time to market



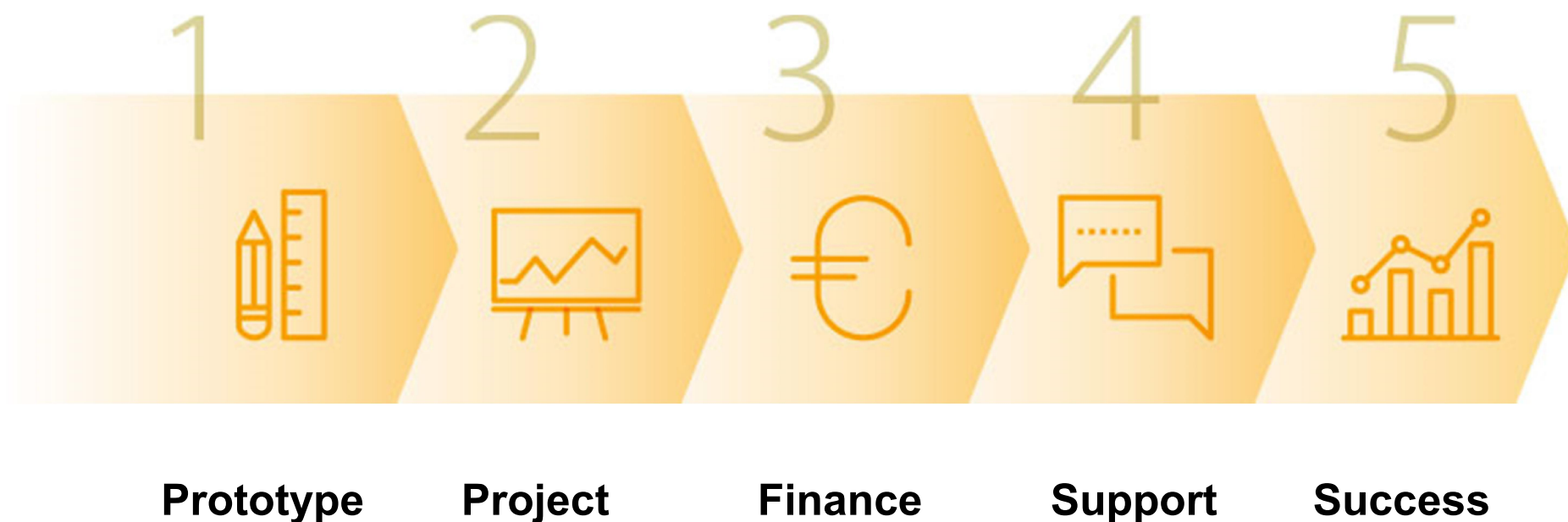
Financing and investment



A commercial product in 5 years

**Expanding the circle of innovation
in Europe's energy sector**

Turning prototypes into commercial products



Innovation success

Neptune

*Wind power
from sea to sea*



Renewable Energy

Debugger

*Making the most
of biomass*



Energy from
Chemical Fuels

EFFIC

*Improving
efficiency and
cost of Solar PV*



Renewable Energy

24

Solutions used
by industry

3

Manufacturing
facilities constructed

59

Patents filed

160

Project partners
across Europe

Connecting entrepreneurs and start-ups to markets and customers



Tailored business support: the KIC InnoEnergy Highway™



Product: potential, development, pilot, launch



Market: opportunities, positioning, modelling, planning



People: capabilities, training, support, mentoring



Finance: seed money, VCs, angels, equity

**Viable technologies, sustainable businesses,
entrepreneurial spirit**

Support from business plan to first sale



Entrepreneurial success

Dracula Technologies

*See the light with
printed PV cells*



France
Renewable Energy

OpenDomo

*Measuring energy
consumption with
Artificial Intelligence*



Iberia
Smart and Efficient
Buildings and Cities

GRADIS

*A new era
of smart lighting*



Poland
Smart Electric Grid

111

Early start-ups
supported

55

New companies
created

More than
20

million euros
of external
investment raised

1292

Business ideas
captured

Connecting graduates and employers, researchers and industry



Combining technical knowledge and commercial awareness



Improve career prospects



Deepen the industry's talent pool



Encourage innovation and entrepreneurship



Increase competitiveness

**Delivering smart people, skills and connections
to Europe's energy sector**

Educated individuals, engaged researchers, better business



Master's School

- 7 programmes
- 11 universities
- 2 business schools
- 8 countries
- Lifelong community



PhD School

- Customised training
- Commercial disciplines
- Access to partners' facilities
- Business Creation Services and Innovation Projects



Executive and post-Master's education

- Executive MSc in Energy Engineering and Management
- MSc Innovation and Entrepreneurship
- PDEng in Smart Energy Buildings and Cities
- Online module in Social Innovation and Transition in Energy

Our alumni

“We need to invest more in green power”



Gregory Kotsis,
MSc SENSE
Project engineer at IREC
Barcelona

“Long-term vision is the key to the future”



Roberta Cirillo,
MSc EMINE
Research engineer, CEA
Grenoble

“Versatility, entrepreneurship and international experience”



Joeri Siborgs,
MSc Energy for Smart Cities
R&D project engineer,
Elia Brussels

280

Graduates from the
KIC InnoEnergy
Master's School

8000

Applicants to
KIC InnoEnergy
Master's School

93%

Graduates who find
a job within six months
of graduating

15%

Average annual
salary earnings
over graduates
of similar programmes

A new approach to sustainability

Connected
at the heart of
Europe's energy
sector

Collaborative
bringing skills
and resources
together





Commercial
sustainable
businesses and
viable technologies

Challenging
new ways of
working and
thinking

Thank you

Any questions?



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