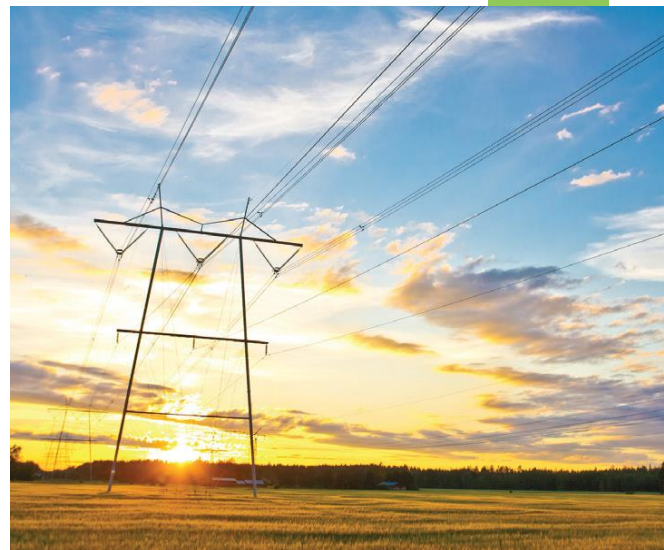


Embedding Energy Union in the regions

Smart Specialisation Platform on Energy / ERRIN
VLEVA – 9th March, 2016

www.eera-set.eu



EERA is an official part of the EU SET-Plan.

<http://setis.ec.europa.eu/>

About EERA

A public research alliance

A cornerstone of the Strategic Energy Technology Plan (SET-Plan)

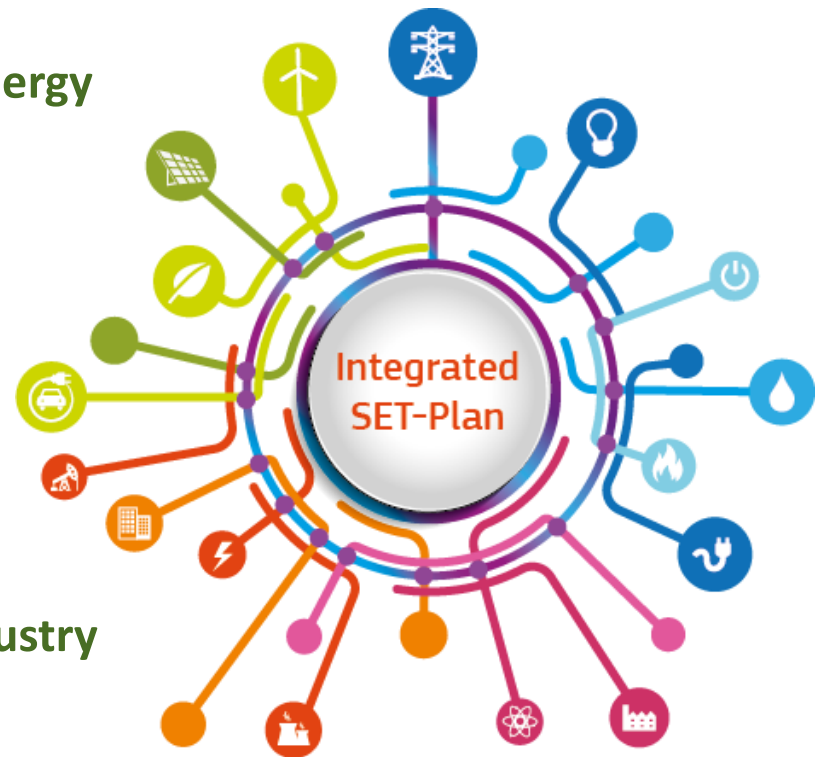
Bringing together more than 175 research organisations

Working together in 17 Joint Programmes

Collaborating with European Industry

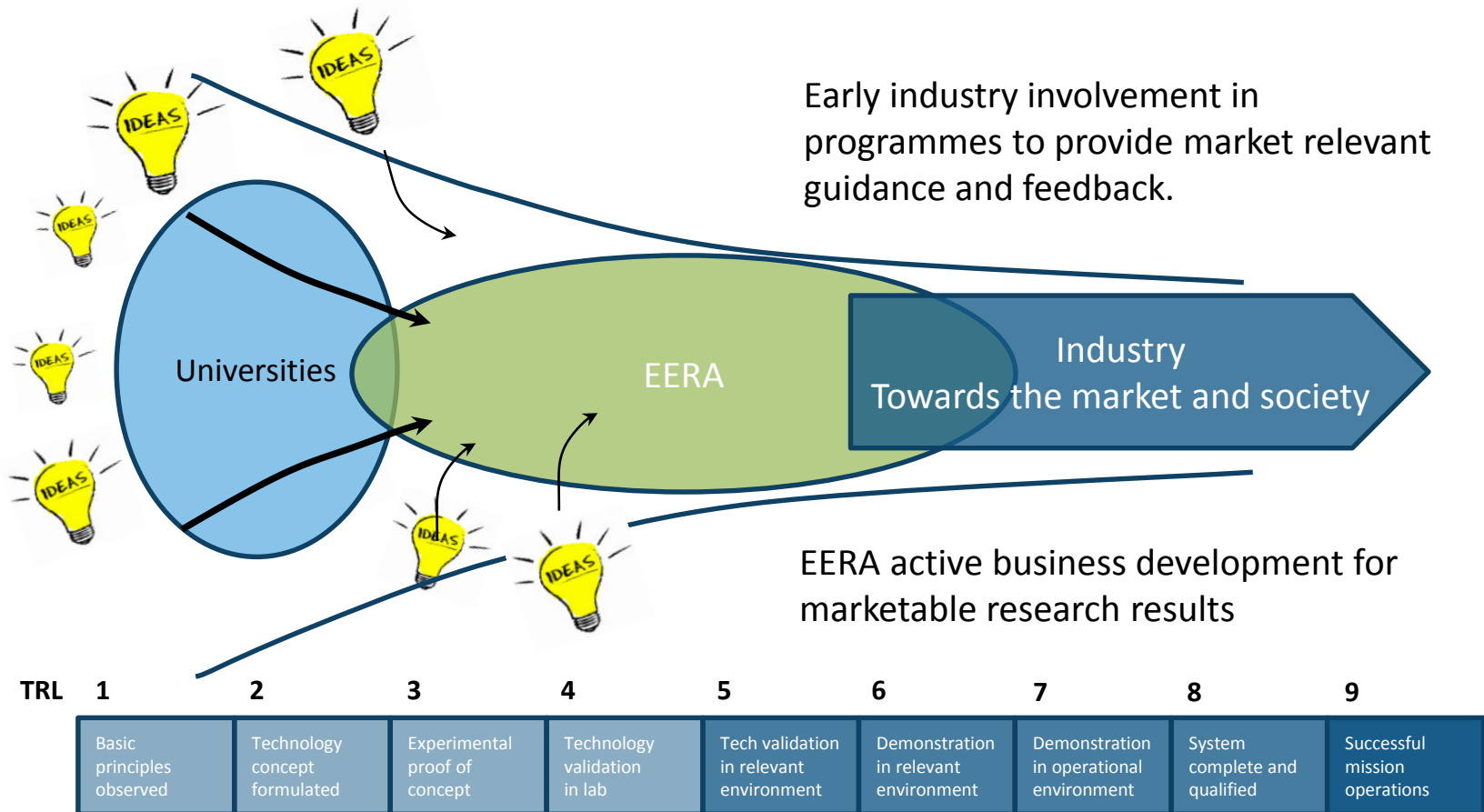
With global outreach

And aligning national research



EERA positioning in the R&D landscape

TRL level 2-7, with a strong focus on TRL 2-5



Joint Programming principles

What kind of cooperation is fostered?

- Harmonisation of research programmes
 - Exchange of information
 - Exchange of personnel
 - Common strategy to tackle (new) research questions
 - Too many topics for a single institute
 - Avoid duplication, ensure complementary of programmes
 - Agree on who does what (and share results)
- Facilities
 - Sharing of facilities
 - Building new joint facilities
 - Owned by multiple institutes

} Insufficient for EERA

} A breakthrough

EERA Joint Programme technology portfolio

- supporting the SET Plan -

MATERIALS

TECHNOLOGIES

SYSTEMS

AMPEA
Advanced
Materials and
Processes for
Energy
Application

**Materials
for Nuclear**

Bioenergy

FCH
Fuel Cells and
Hydrogen

**Energy
Storage**

**Smart
Cities**

Geothermal

**Wind
Energy**

**Smart
Grids**

**Energy
efficiency in
Industrial
Processes**

**Ocean
Energy**

CSP
Concentrated
Solar Power

CCS
Carbon
Capture and
Storage

E3S
Economic,
environmental
and social
impacts

Shale Gas

PV
Photovoltaic
Solar Energy

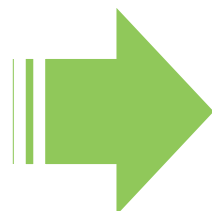
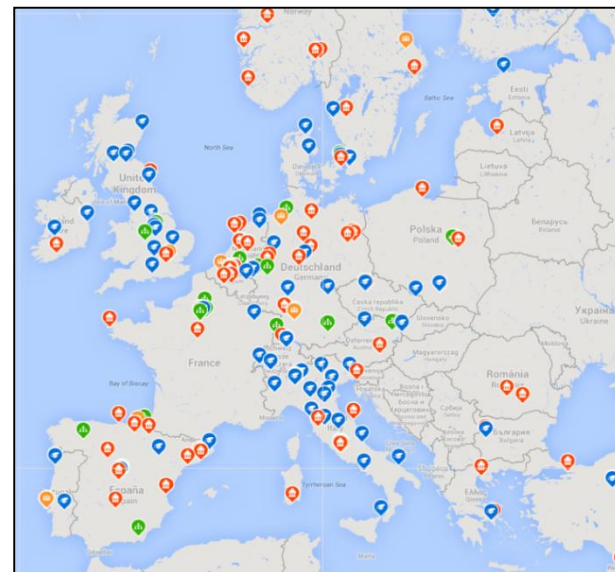
**Energy
System
Integration**

A short history of EERA

EERA 2008



EERA 2014



EERA founded

ExCo extended to 15

EERA AISBL established

2008

2010

2012

2014

First EERA JPs launched

15th EERA JP launched

Benefits of EERA

For JP participants

- Liaise with excellent research organizations
- Access to pool of researchers for exchange, facilities for joint use
- Set-up of joint projects
- Be part of a strong network towards MS, EU and industry

For the European Commission

- Sparring partner in developing research agenda for the SET-Plan
- Increasing effectiveness of national R&D efforts
- Support for international collaboration

For Member States

- Opportunity to find the best partners for bilateral or multilateral projects in support of national interests
- Promoting national success in H2020

Thank you for your attention

*Embedding Energy Union
in the regions*
Erwin CORNELIS
EnergyVille

