



Introducing the 1st European Centre of Excellence and the ERRIN network

Stairway to Excellence, National Event Slovenia
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combining scientific excellence with commercial relevance

7th Century:
North Sea (or
the Frisian Sea)



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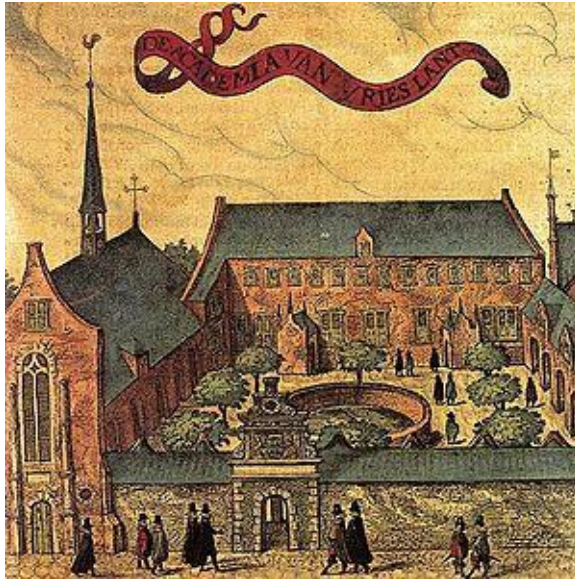


7th Century:
North Sea (or
the Frisian Sea)



It was the Frisians who
reinvented useful
money, and taught their
ideas to the Franks
under Charlemagne.



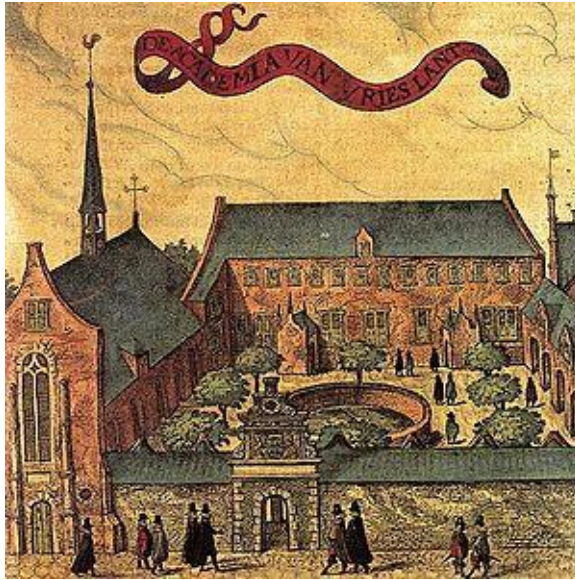


**258 years of
academic experience**

**University of Franeker or Academy of Friesland
(Latin: Academia Franekerensis)**



Stop your smart
regional
specialisation !



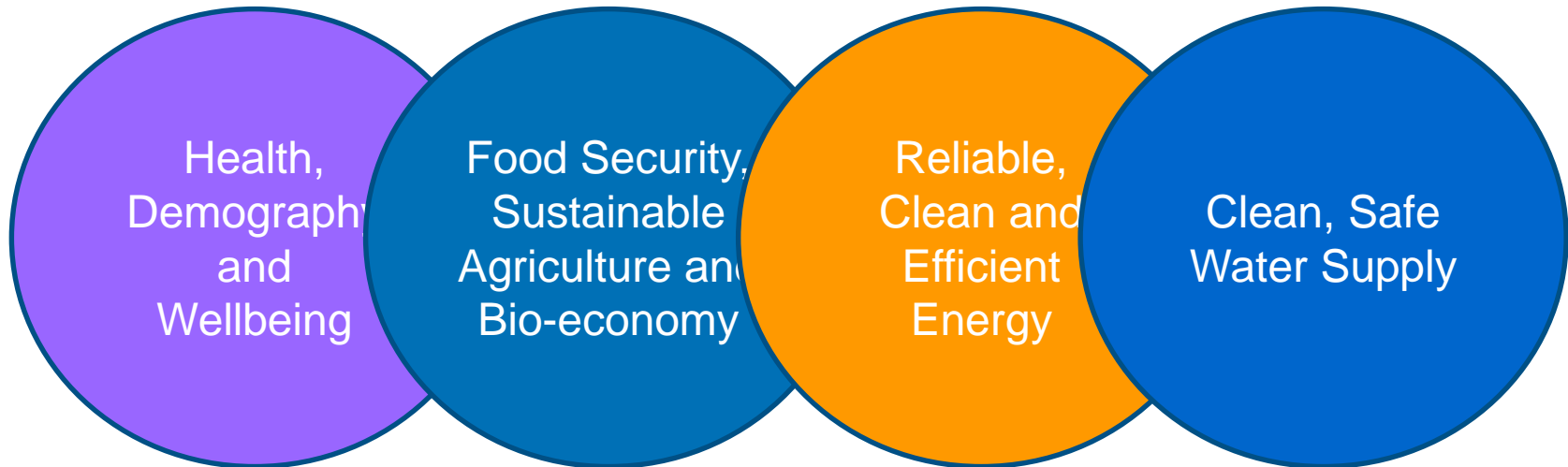
**University of Franeker or Academy of Friesland
(Latin: Academia Franekerensis)
Active 1585 – 1843 (258 years)**





Northern Netherlands RIS3

4 Societal Challenges: Health, Food, Energy and Water



**Friesland: focus on
Water Technology and Milk**

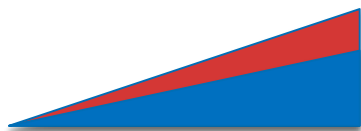
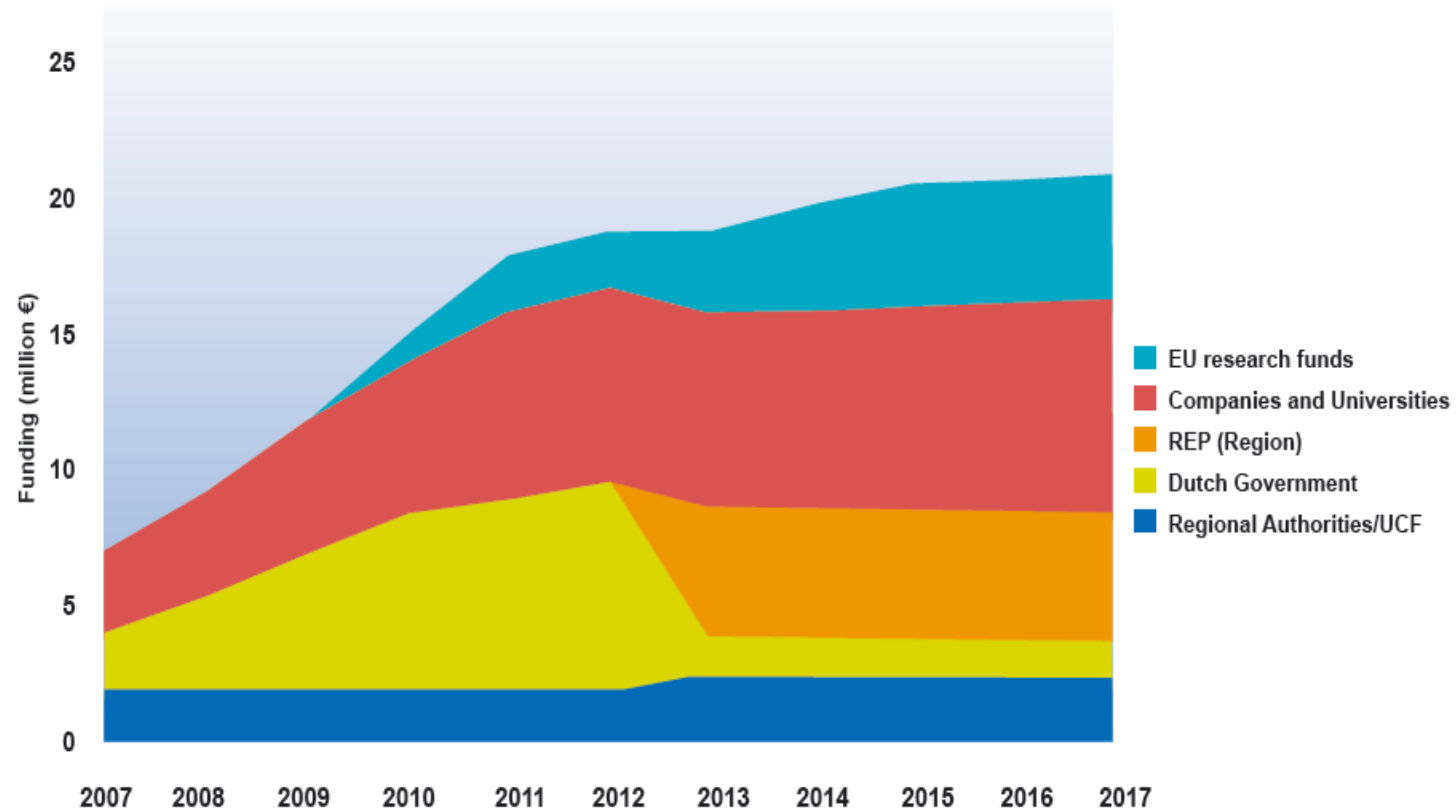
Water and Milk



Wetsus: European Centre of Excellence for Sustainable Water Technology

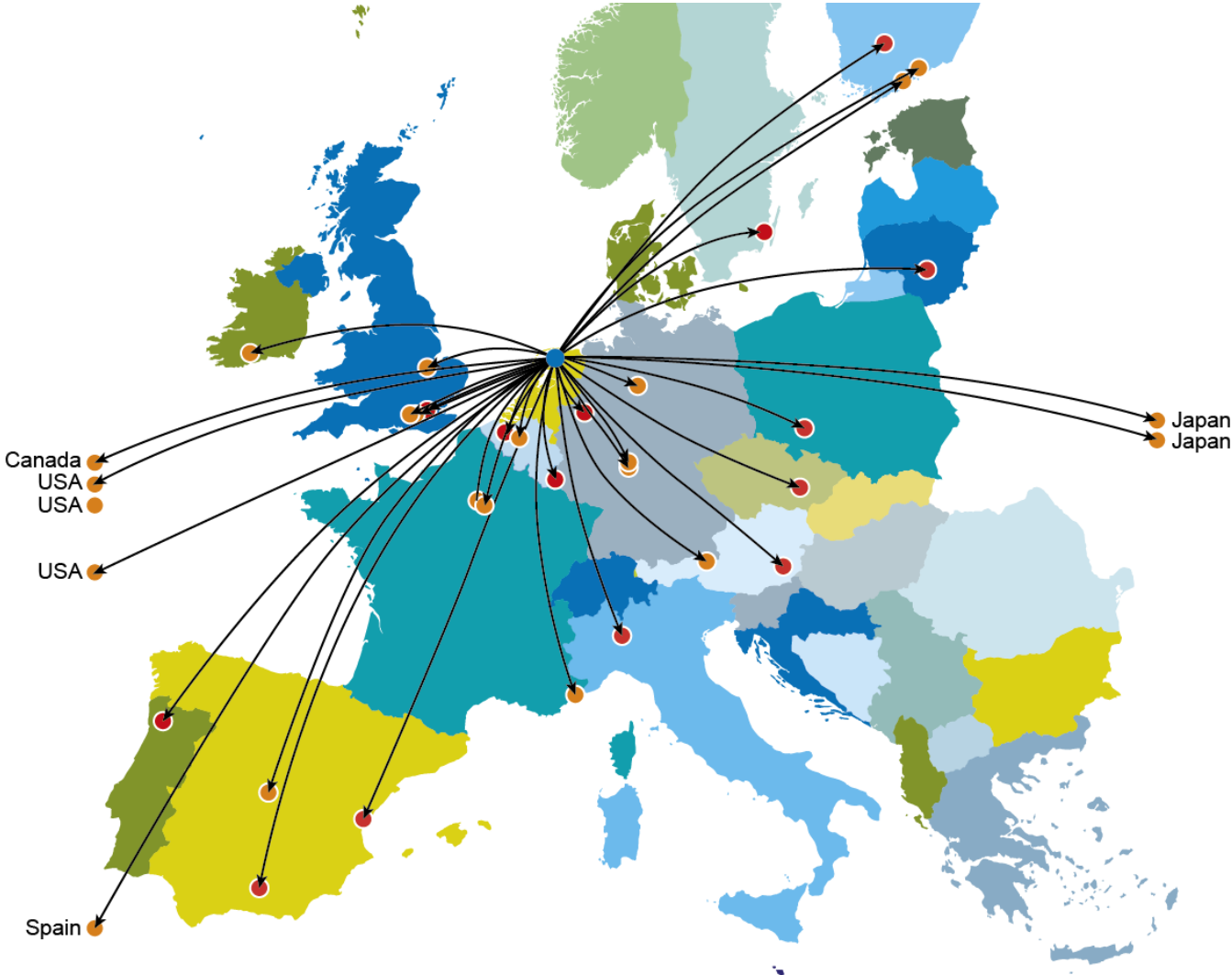


Wetsus PPP-model: a decade of growth through synergy in funding (2003-2017)

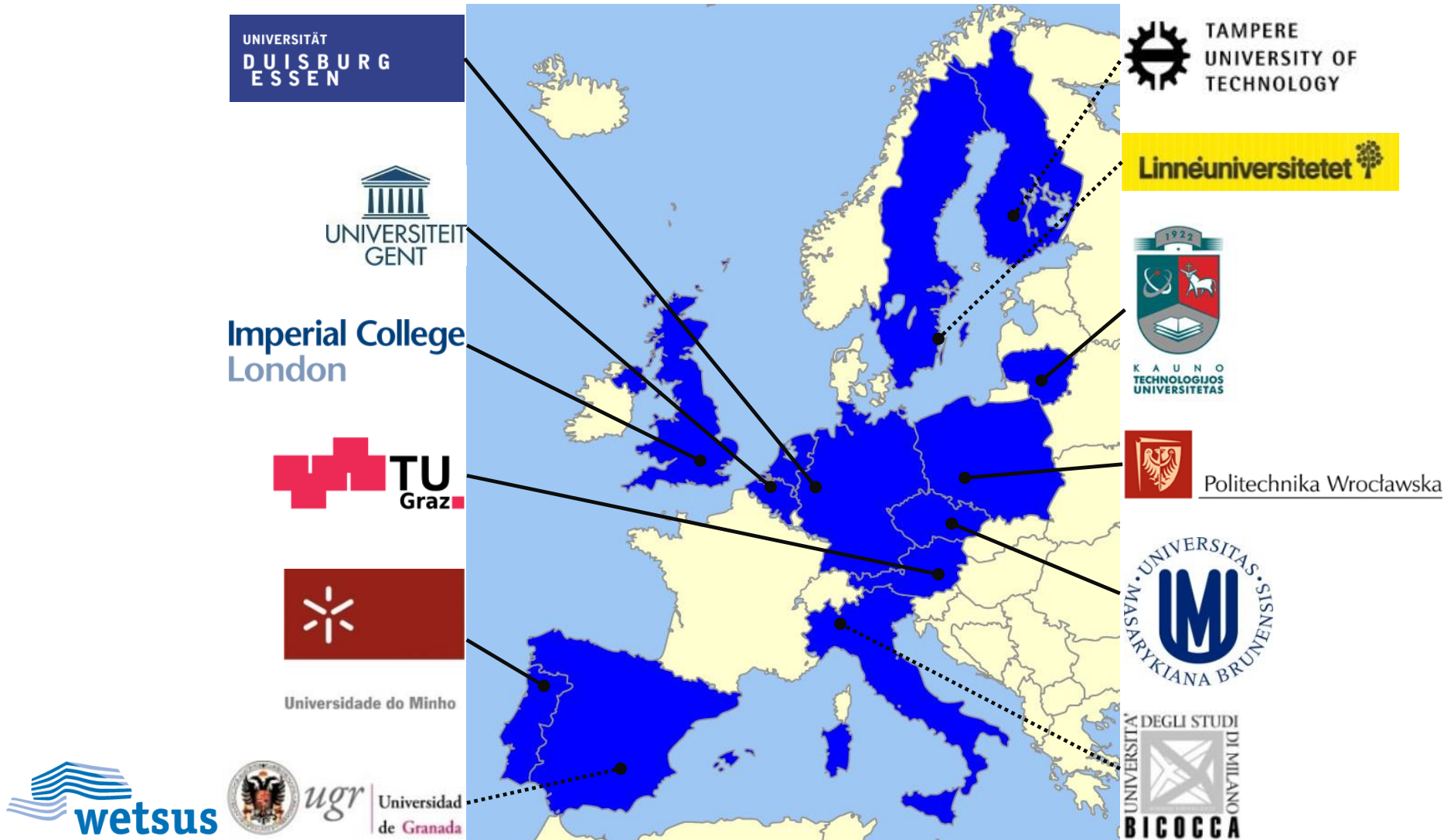


2003: ERDF
Begin RIS3

Connecting with partners from Europe and beyond



University participants throughout Europe



Company participants from outside EU

UK

Anglian Water

HAPPS

Mast Carbon

Berson UV

USA/Canada

General Electric

DOW

DC Water

Trojan UV

Japan

Fuji

Kurita

Kuraray

Israel

ICL

Spain

Abengoa

Germany

Skion

Esco Salt

France

Veolia Eau

Aqua Nirvana

Laborelec-Engie

Austria

IPF

SNT

Finland

Kemira

Neste Oil

Denmark

Grundfos

Saudi Arabia

Sabic

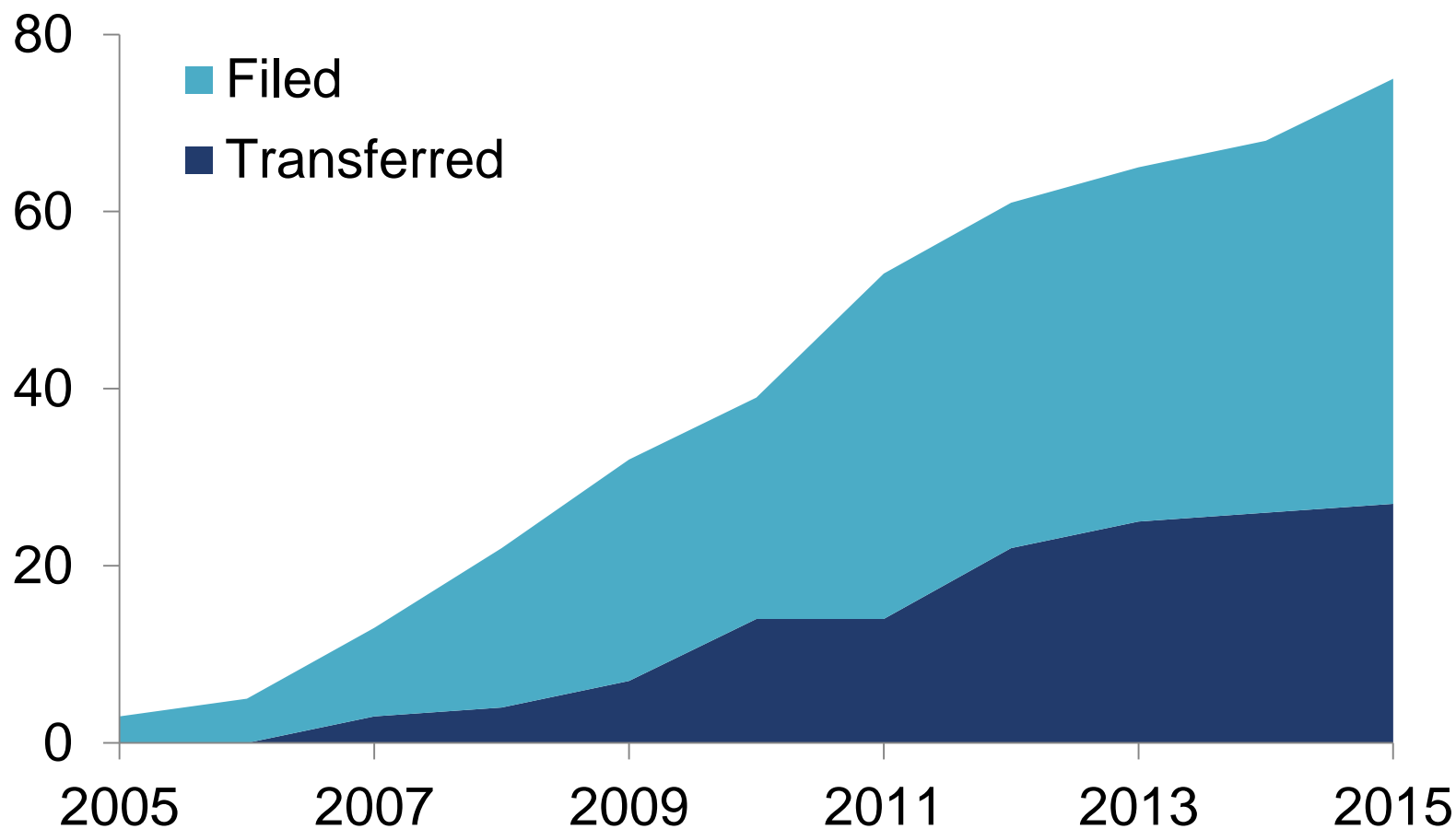
Ireland

O₂Environmental

Norway

Yara

Validation of research results by participating companies: 36% Patents transferred



Between 2007 and 2015: 25 spin-off companies created

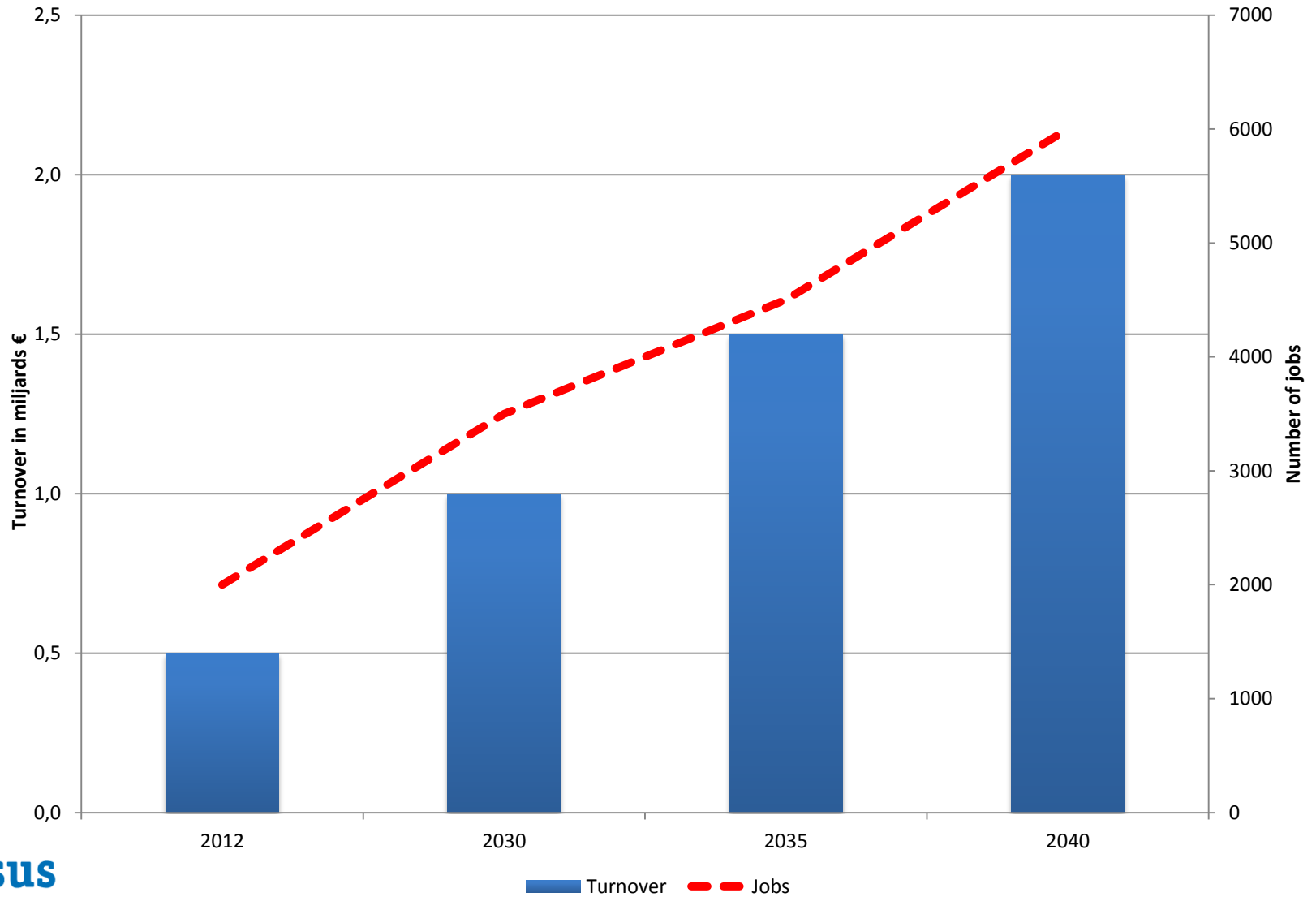
Wetsus spin-off companies

• REDstack	• Automatic Electric Europe Special Products
• DeSaH	• HydrOwashr
• Westt	• Salttech
• Aqua Explorer	• Biotrack
• Dutch Rainmaker	• TailTec
• EasyMeasure	• ExtIns Technologies
• Water ProMaSys	• Aiforo
• Capilix	• Duplaco
• Pure Green	• Somut
• Smart Frequencies	• Wisect
• Water Waves	• Djipper
• Metal Membranes	• High Voltage Water
• AquaBattery	

Blue Energy



Watertech *jobs* and turnover in *Fryslân*



ERRIN



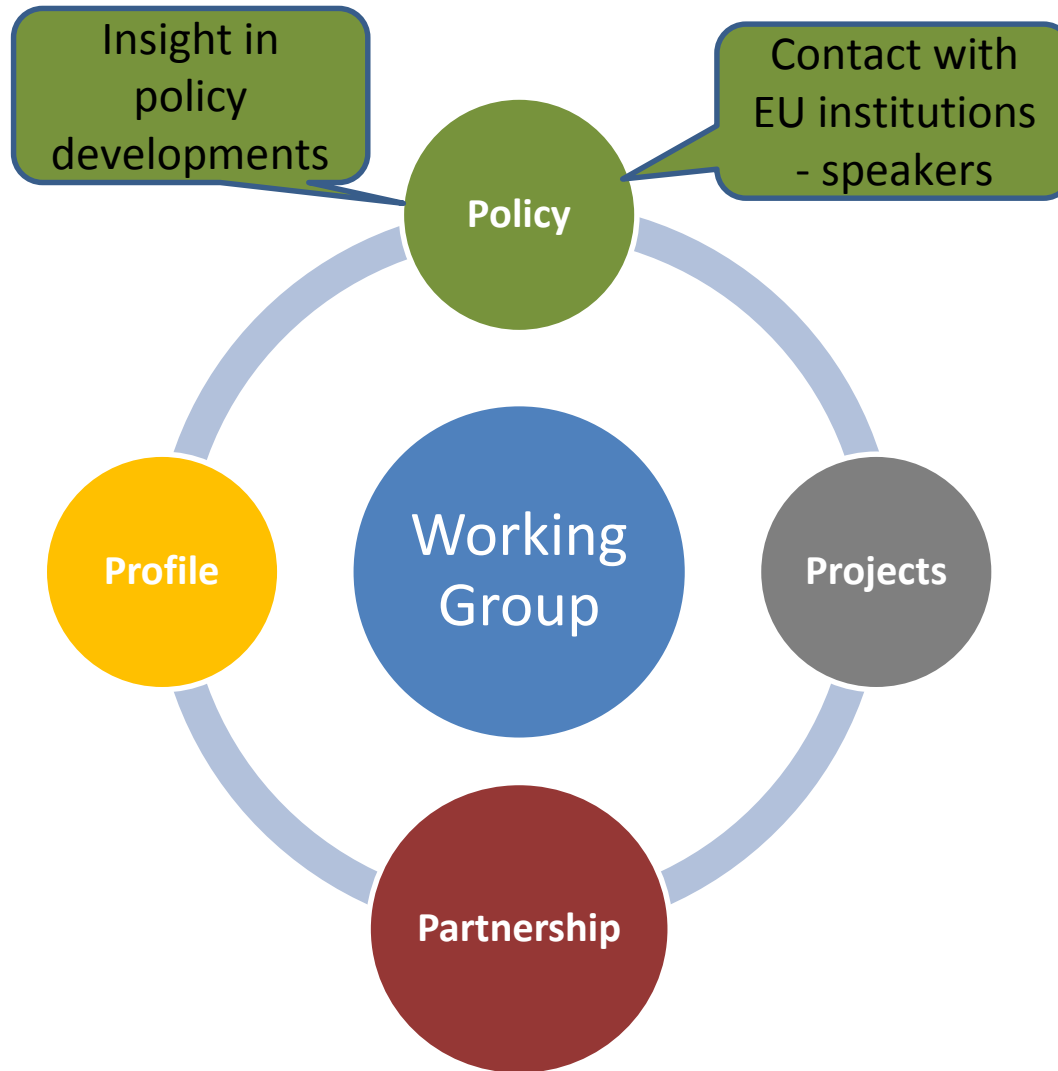
- Brussels-based Platform
- 120 member regions
- Focus on research and innovation
- Brokerage events
- RIS3
- Widening Participation

ERRIN Member:
Slovenian
Business and
Research
Association

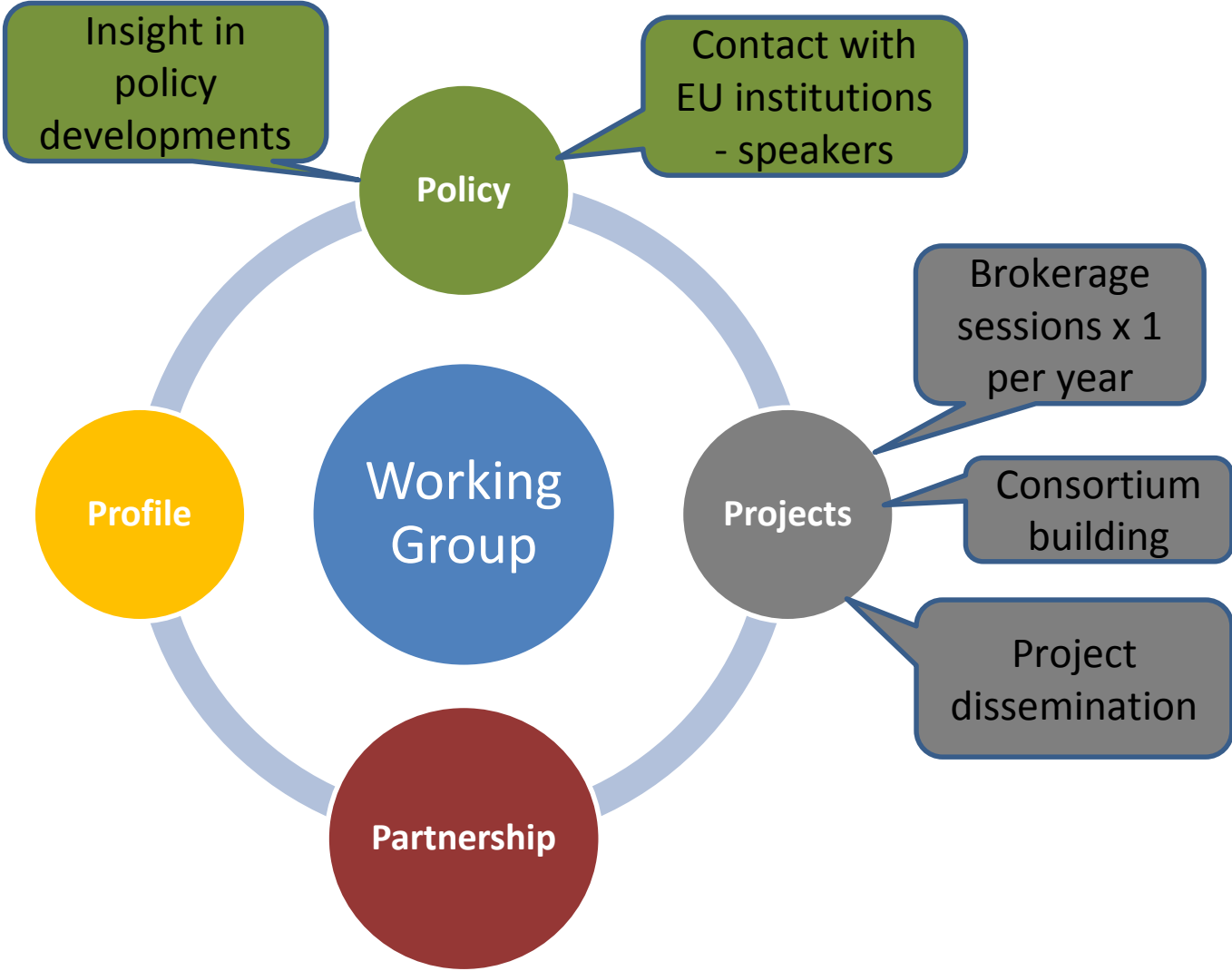
ERRIN Membership



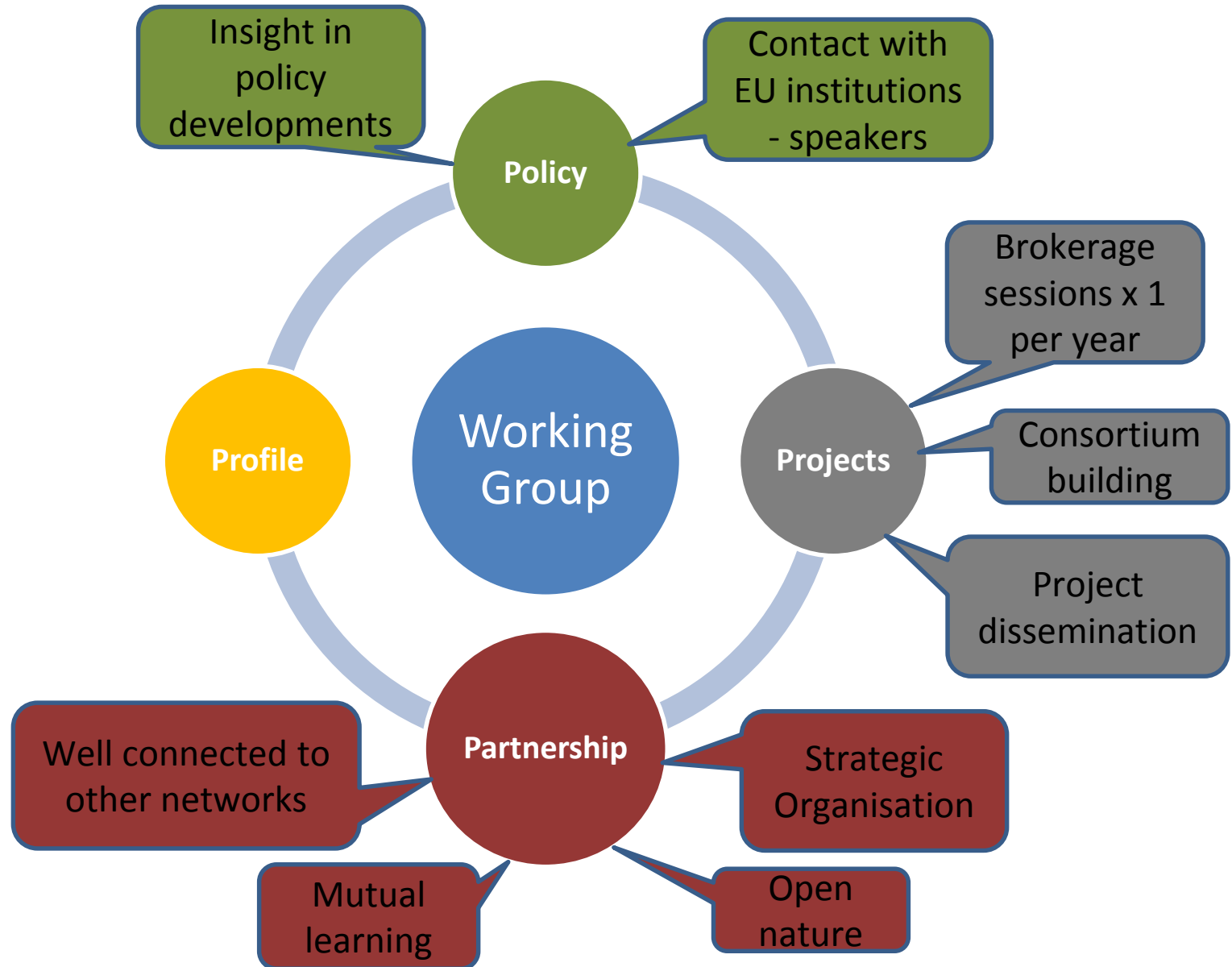
ERRIN Membership



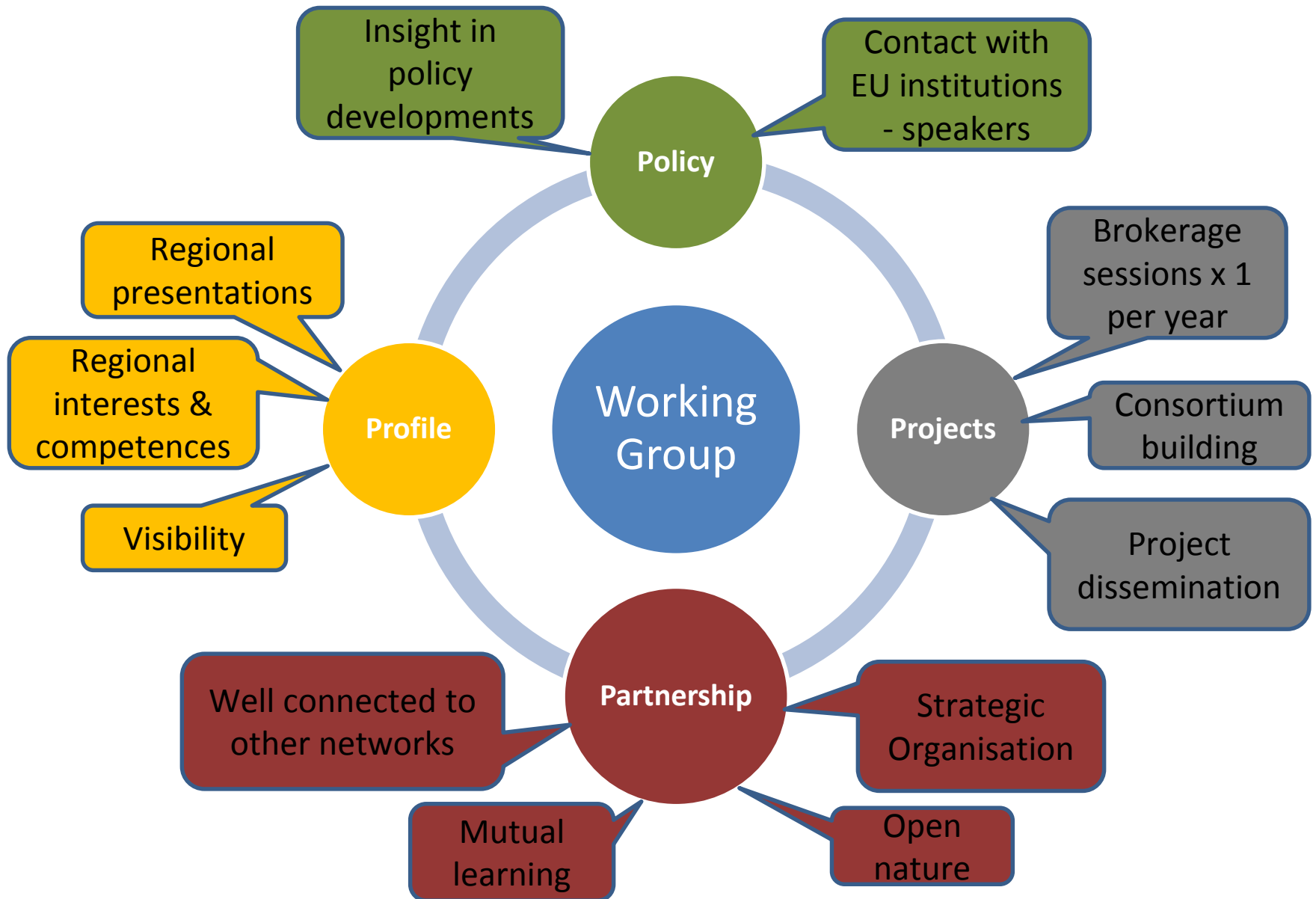
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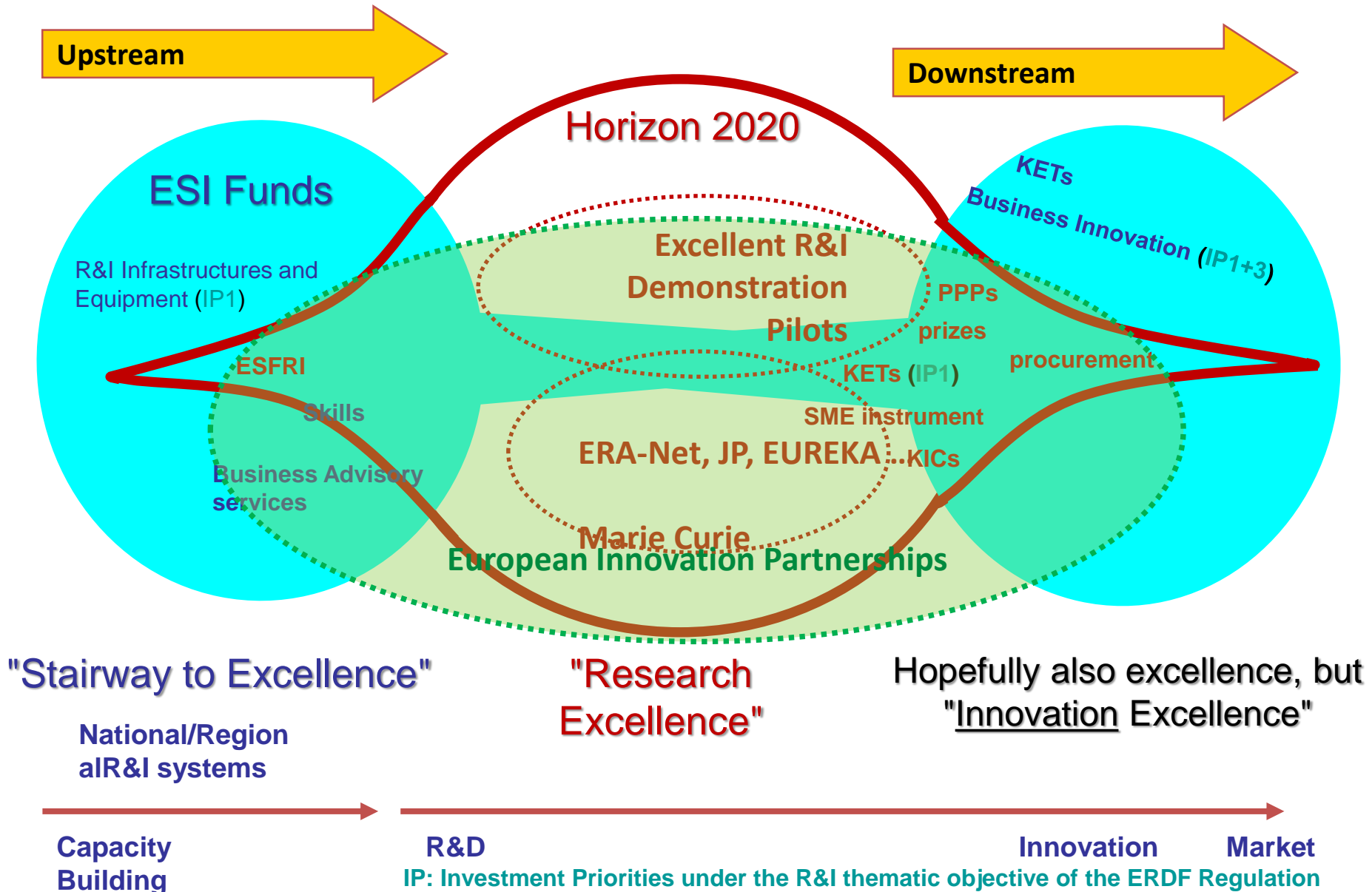
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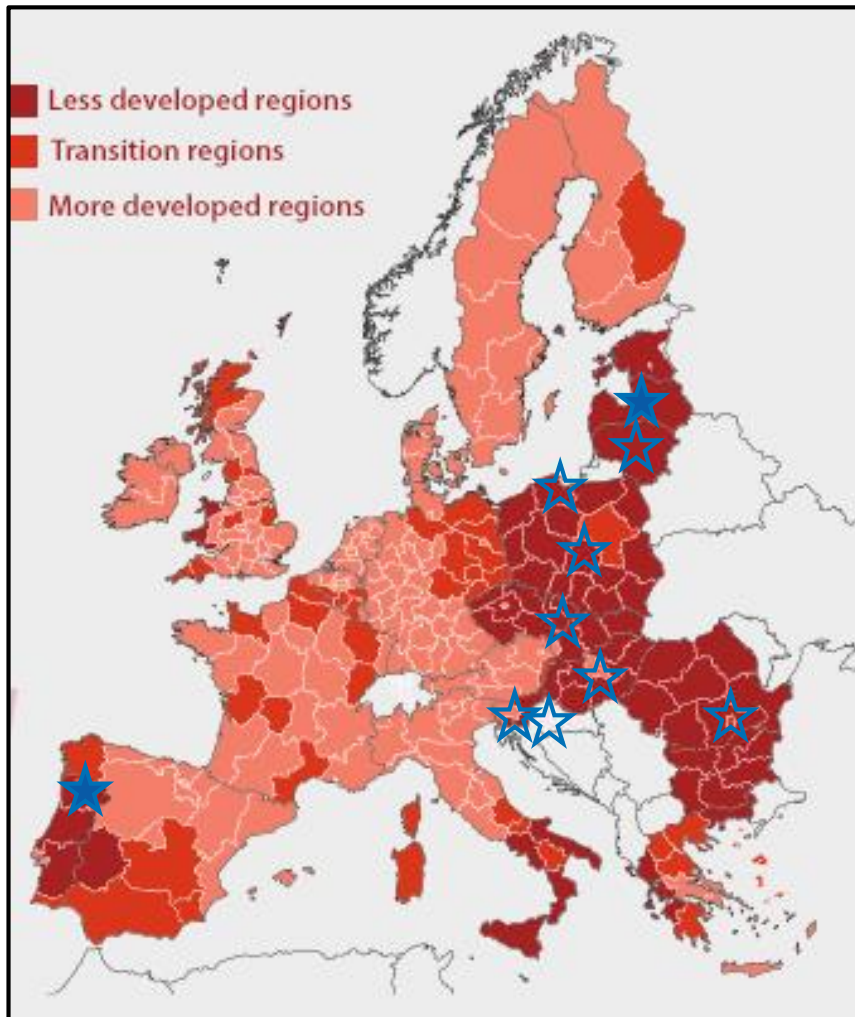
ERRIN Working Groups 2016

Energy & Climate Change	Bio-economy/ Food & Agri	Health
Water / Process Industry	Transport	Smart Cities
Tourism	Advanced manufacturing/ Nano	Blue Growth
Design & Creativity	ICT	Policy / RIS3

Synergies with Horizon2020?



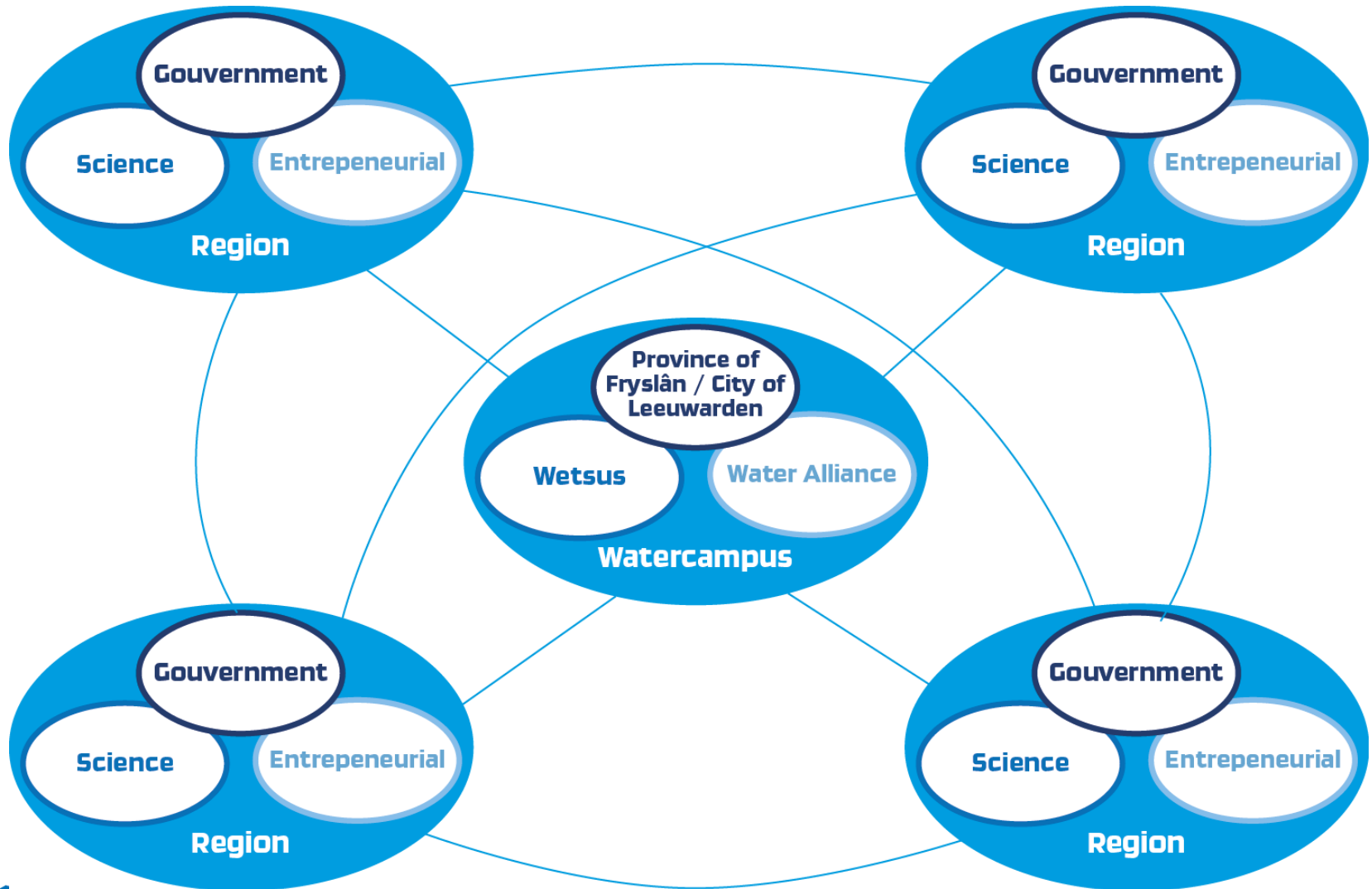
Bilateral cooperation with regions



10 potential regions:

- Latvia (lv)
- North Portugal (pt)
- Lithuania (lt)
- Pomorskie (pl)
- Łódź (pl)
- Budapest (hu)
- South Moravia (cz)
- Bucharest (ro)
- Croatia (hr)
- Slovenia (sl)

Connecting the regions



www.wetsus.eu
www.watercampus.nl
www.topsectorwater.nl

Wetsus is co-funded by:

- the Dutch Ministry of Economic Affairs (TKI-Topsector Water, Peaks in the Delta)
- the Dutch Ministry of Infrastructure and the Environment
- the European Union (European Fund for Regional Development and Seventh Framework Programme), investing in your future
- Northern Netherlands Provinces (REP-SNN)
- the City of Leeuwarden, the Province of Fryslân and University Campus Fryslân



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