

Collaboration between research and industry to address societal challenges

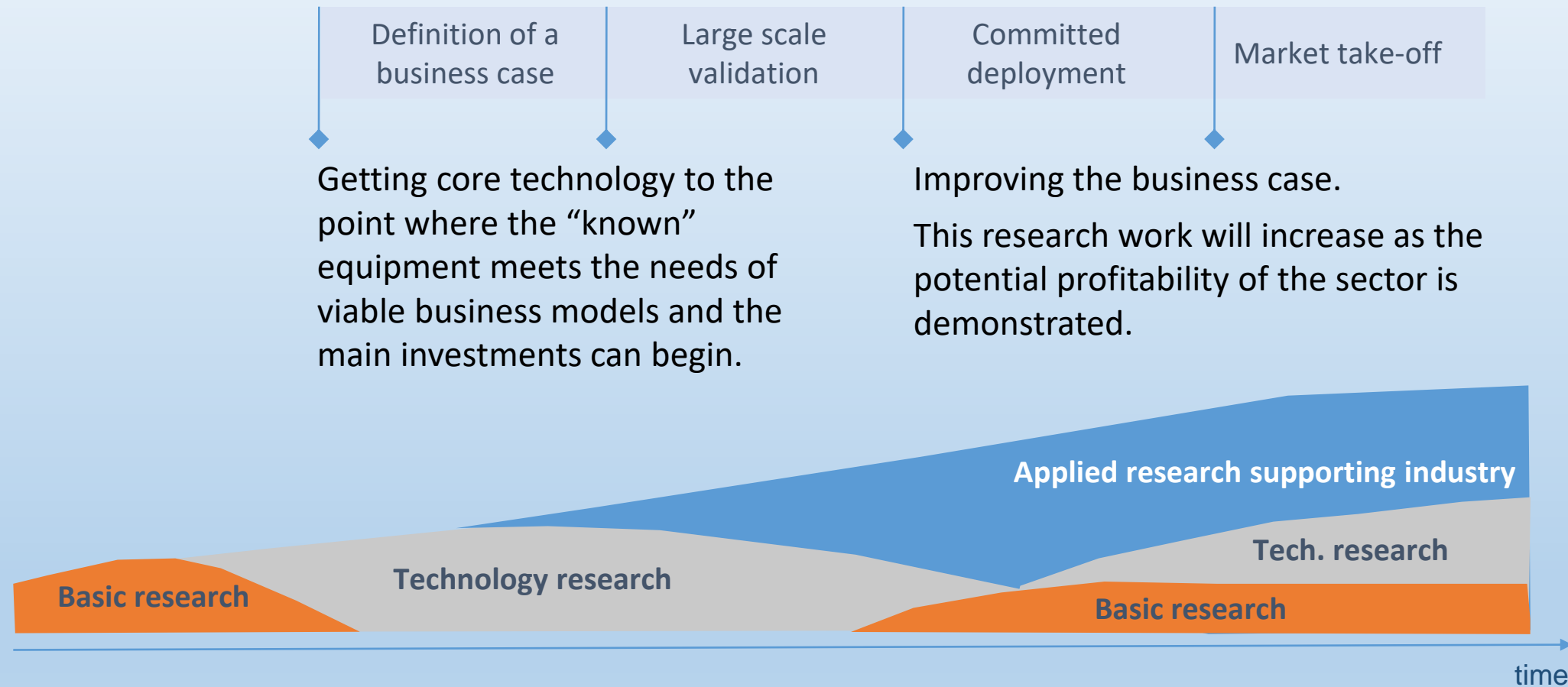
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Fuel Cells and Hydrogen Joint Undertaking
Stakeholder Forum 2017
22nd of November, 2017
Brussels



Collaboration between research and industry is key to make ideas become a reality

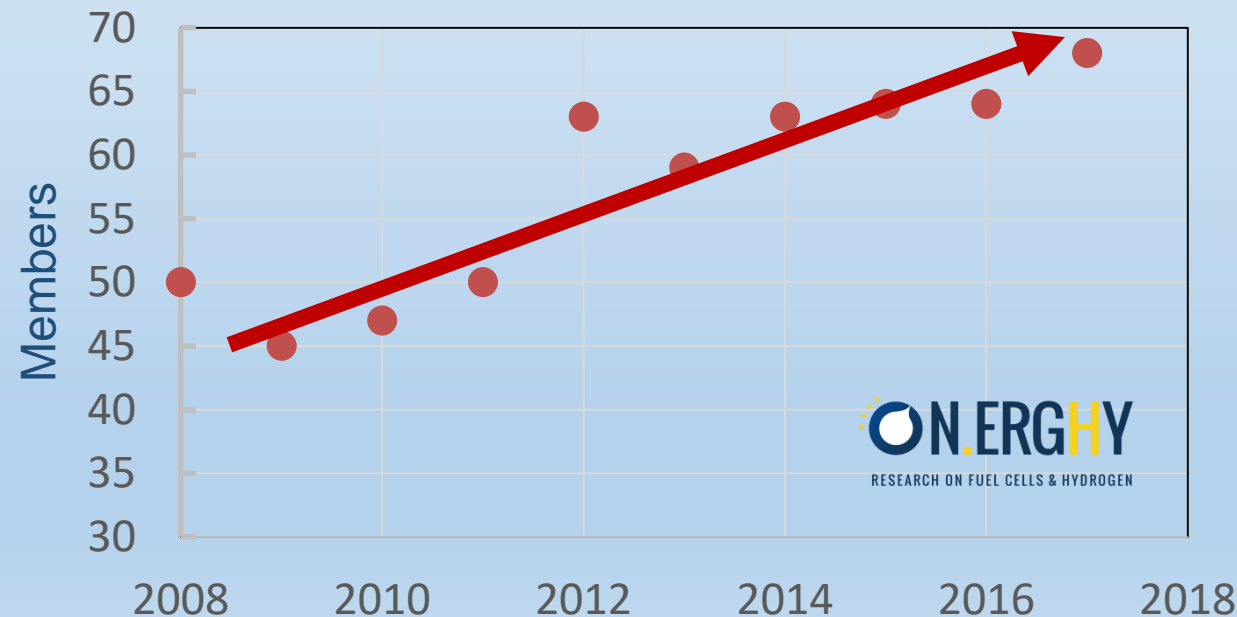


Research is needed all along the value chain

FCH JU increases synergies between research and industry

1. By building a European R&D community in FCH technologies

- From collaborative research projects and networks of excellence in FP5, FP6 as well nationally
- To an exceptionally well-structured, well-identified research grouping through the association N.ERGHY providing competence, capacity, capability, continuity

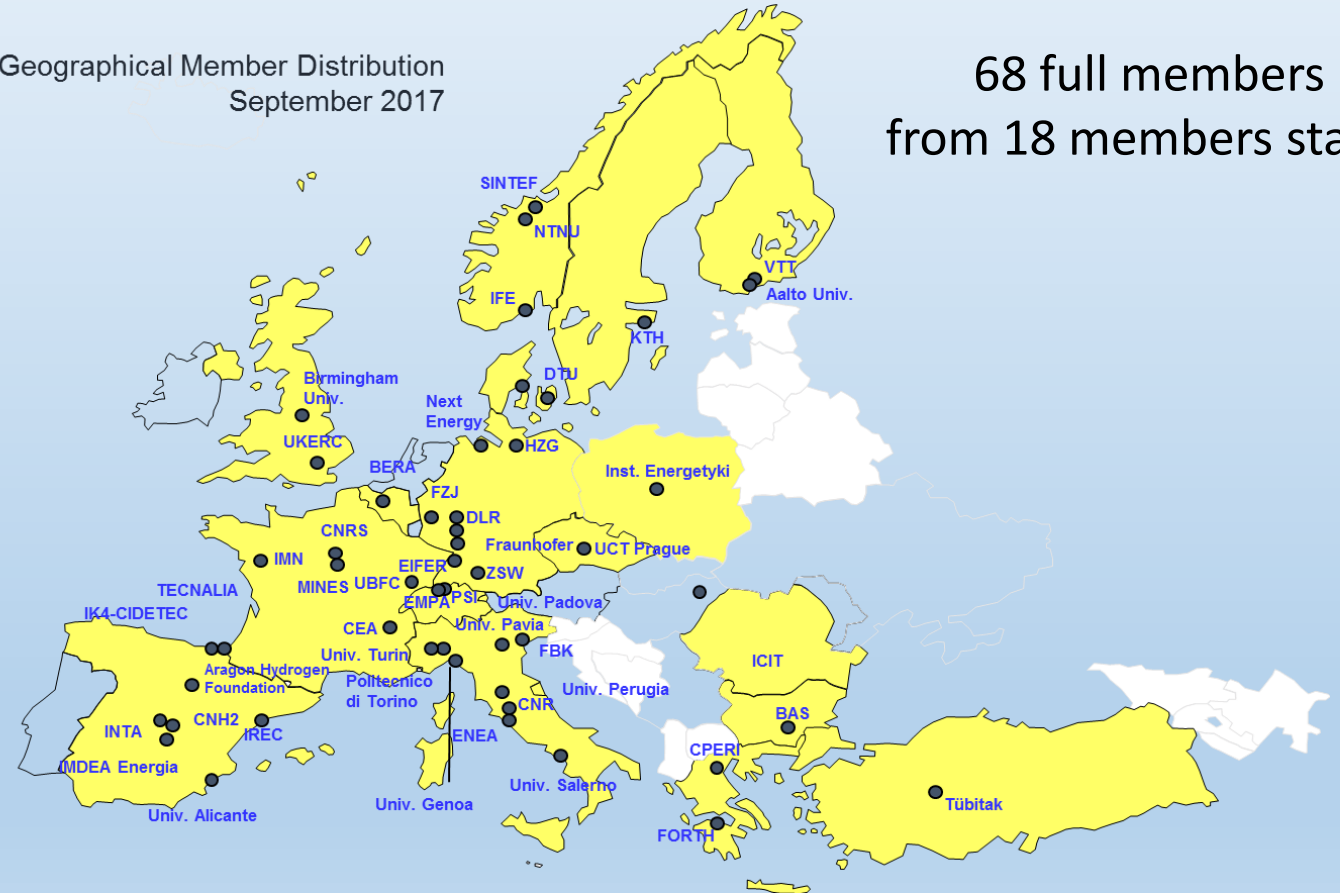


FCH JU increases synergies between research and industry

1. By building a European R&D community in FCH technologies



Geographical Member Distribution
September 2017



68 full members
from 18 members states

Virtual Competence Centres in European FCH R&D

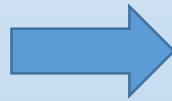
FCH JU increases synergies between research and industry

2. By establishing common objectives leading to a competitive Europe in Fuel Cells and Hydrogen technologies
 - Common understanding between industrial, research and political perspectives
 - Clear and detailed industrial guidance
 - Research challenges clearly defined
 - Complementary capabilities, no overlap or gaps
 - Clear, quantified and focused objectives
 - Multiannual work plan (MAWP) with Key Performance Indicators (KPIs)
 - Annual work plan (AWP)
 - Both established in an open process

FCH JU increases synergies between research and industry

3. By intensifying research and industry collaboration

- Better alignment of research efforts with industry needs
- In July 2017, N.ERGHY became Hydrogen Europe Research



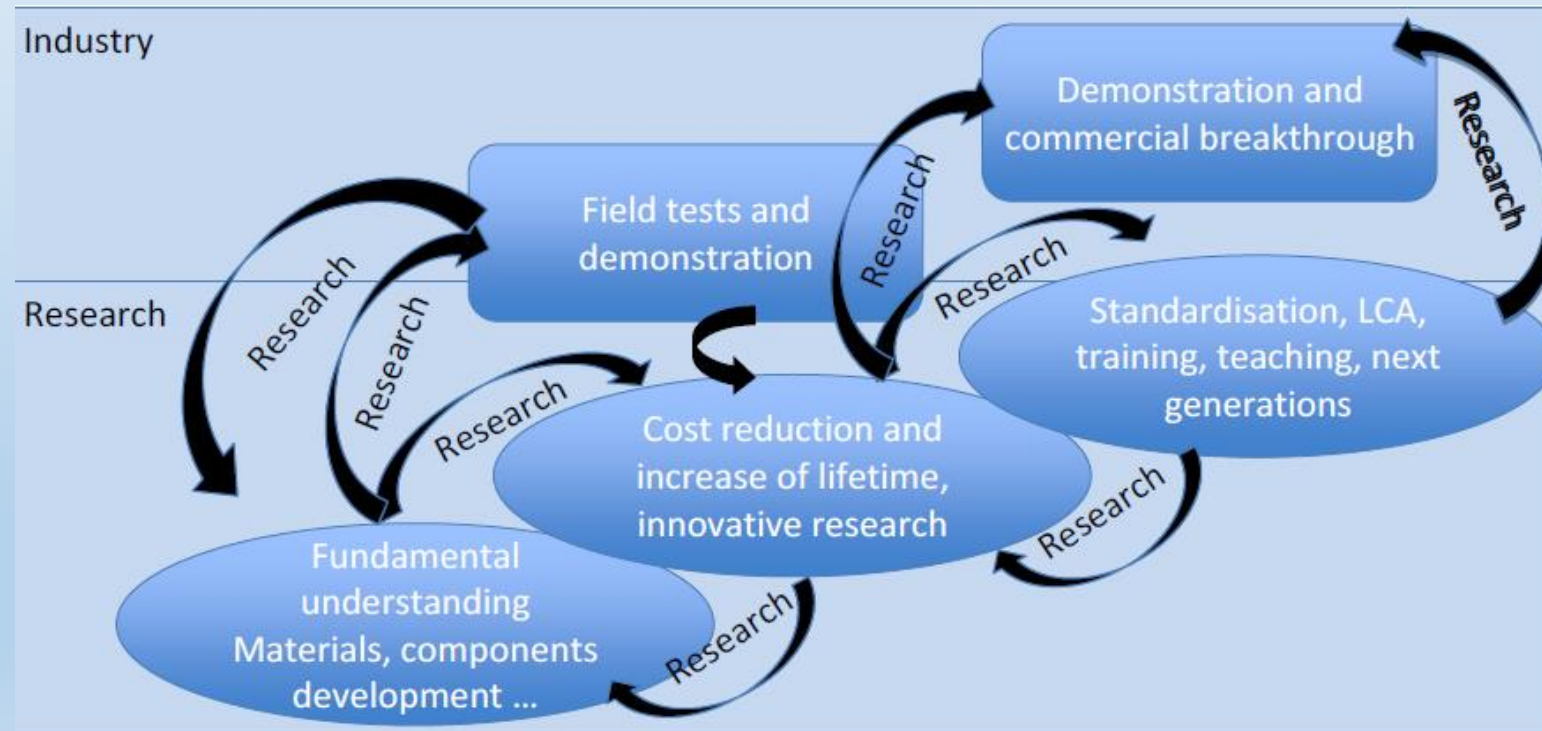
- Hydrogen Europe Research is represented at the Hydrogen Europe Board



FCH JU increases synergies between research and industry

3. By intensifying research and industry collaboration

- Facilitate pursuit of successful project outcomes enabling to shorten the time to market



- Collaboration between research and industry is key to make ideas become a reality
- FCH JU increases synergies between research and industry
- Examples are given in the following presentations