

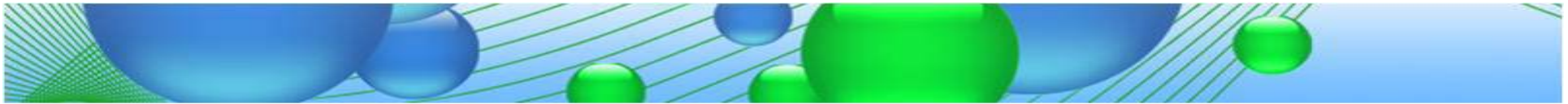


Messages from Research Community

Paul Lucchese
N.ERGHY Chair,

*JTI-FCH SGA
26th October 2009, Brussels*



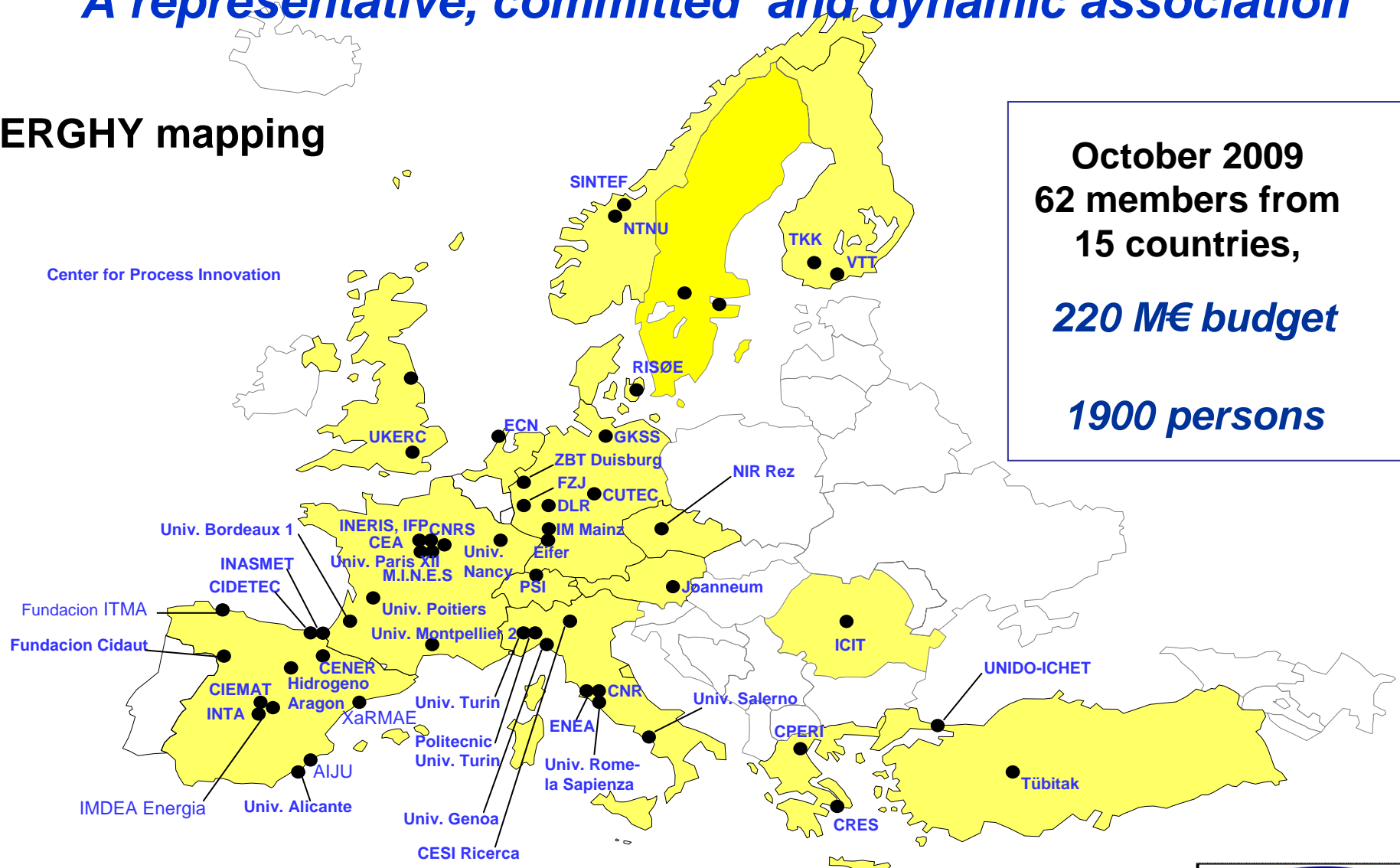


Research ready to contribute

- *"The global community is facing Grand Challenges. The European Knowledge Society must tackle these through the best analysis, powerful actions and increased resources. Challenges must turn into sustainable solutions in areas such as global warming, tightening supplies of energy, water and food, ageing societies, public health, pandemics and security. It must tackle the overarching challenge of turning Europe into an eco-efficient economy".* Lund Declaration, July 2009
- Hydrogen and Fuel Cells can provide solutions to address the Grand challenge of supplies of energy (SET-plan)
 - The European scientific community is ready to contribute
 - N.ERGHY is a suited tool

A representative, committed and dynamic association

N.ERGHY mapping



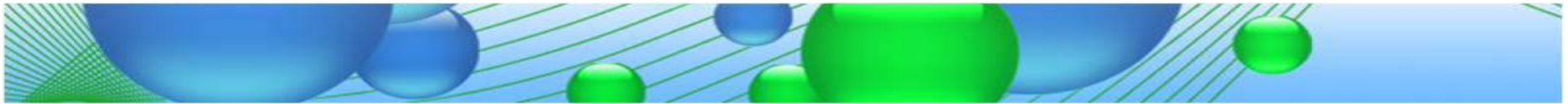
October 2009
62 members from
15 countries,

220 M€ budget

1900 persons

N.ERGHY Members
May 2009





Research Community concerns and added value

- **Research Community contribute to JTI projects**
 - Specifically to Research part total 36% for 1st call, towards a 20%(Research: 1/3rd of whole programme)
- **We need now to fill the gap between the market and the next generation of technologies**
 - Technologies development, breakthroughs are key point for SET-Plan
 - October 2009: Commission Communication on Financing the Development of Low Carbon SET Plan, including H2 FC
 - *In particular... will be required long-term research and technology development to build up a competitive fuel cell chain and a sustainable hydrogen infrastructure across the EU. The additional public and private funding needed is currently estimated as €5 bn for the period 2013-2020.*
 - Industry needs Competences, facilities and Innovation from European public research, basic and
 - applied, technology transfer
- **European Research Community ready:**
 - To contribute to planification, assesment, mapping of Research effort
 - To be involved more coordinnated effort (joint programming like in EERA, KIC, ESFRI...)
 - **To increase their contribution to R&D part, and especially in Basic Science**

But Needs more visibility on mid-long term programming, new coordinated national and EC funding and a adequate funding rate for R&D expenses: target of 75 % of eligible costs



Thanks for your attention



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