

THE EUROPEAN INDUSTRY GROUPING
FOR A FUEL CELLS AND HYDROGEN JOINT TECHNOLOGY INITIATIVE



New Energy World Industry Grouping

April 2009

NEW-IG Background

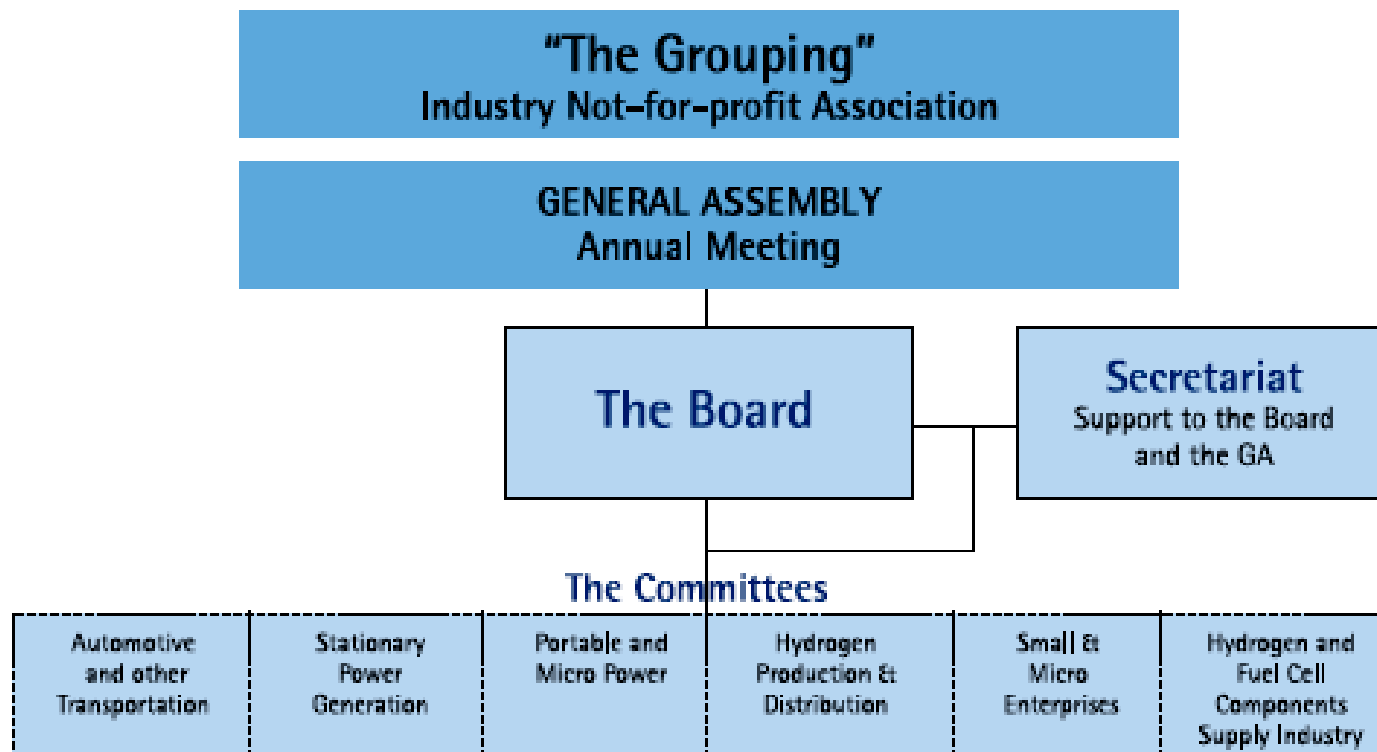
- The European Industry Grouping for a Fuel Cell and Hydrogen Joint Technology Initiative, called New Energy World Industry Grouping “Fuel cell and Hydrogen for Sustainability” (NEW-IG) is the unique private industrial partner of the European Commission for the proposed Joint Technology Initiative (JTI) for fuel cell and hydrogen, which aims at accelerating the market entry of fuel cell and hydrogen technologies under the Seventh Framework Programme
- Created in 2007, the NEW-IG is open to all industrial companies with fuel cell and hydrogen R&D activities in Europe, including the European Economic Area, associate and candidate countries.

NEW-IG Mission

The NEW-IG was officially created in March 2007. According to its Bylaws, the main objectives are:

- **Represent the interest of the industry** within the Joint Technology Initiative (JTI)
- Ensure a **coordinated industry position** on the JTI process and activities
- **Establish application-oriented industry** Committees to support specific industry needs
- **Elect and nominate industry representatives for the JTI Governing Board**
- **Regularly review JTI progress and make proposals for improvement** if and when needed.

NEW-IG Structure

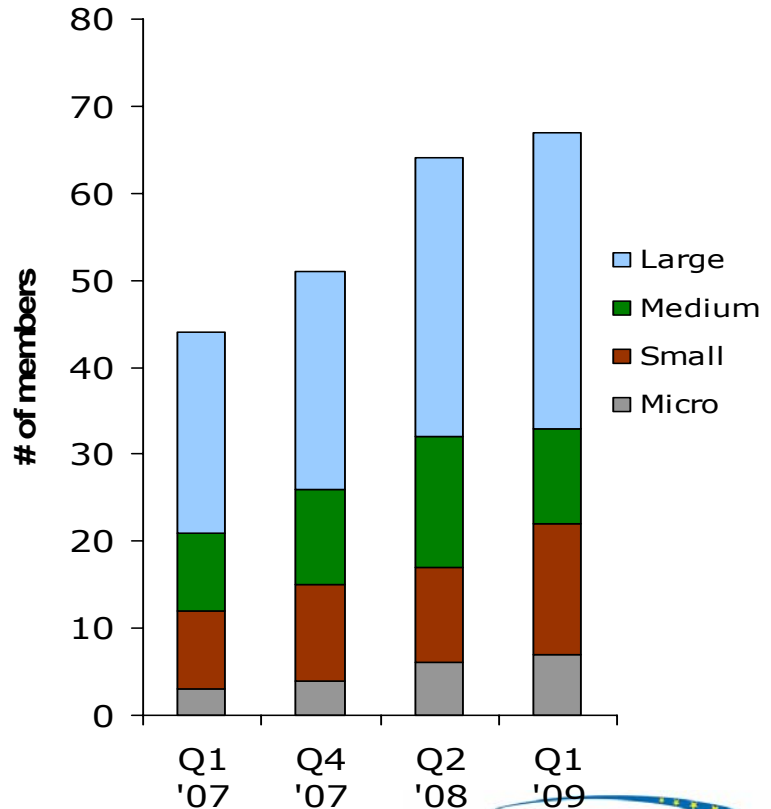


1. The chairs of the committees will be the board members of the Industry Grouping.
2. The six board members will automatically act as industry representatives in the JTI governing board.

NEW-IG Membership

- NEW-IG Members represent a major share of Europe's hydrogen and fuel cell industries. These companies are developing products for application in transportation, stationary, hydrogen production, components and portable fuel cell fields. The membership incorporates companies of four sizes – Micro, Small, Medium and Large.
- Membership fees cover:
 - Costs of running the Grouping – Secretariat, General Assembly Costs
 - Contribution to running the JTI Programme Office
- The Industry Grouping membership has been growing rapidly. We started with 45 Members and today we are already 65.

NEW-IG Membership Growth



NEW-IG Membership Benefits

- Contribute to and influence the development of a programme for fuel cells and hydrogen technologies
- Be the key interlocutor of the European Commission in the JTI
- Work with the Governing Board of the JTI in supervising the JTI Programme Office
- Benefit from valuable resources available through the JTI private and public partners
- Participate in calls for projects under the JTI
- Networking opportunities with relevant companies in Europe
- Close interaction with decision-makers at EU level

Annual Implementation Plan 2009

- RTD priorities and key objectives for 2009
- FCH JU Governance
- Calls for proposals
- Support Activities
- Programme indicators
- Communication activities
- Annexes (specific information for the call, Staff establishment plan, FCH JU Budget, etc)

Joint Technology Initiative

A new European public/private partnership to:

- To provide better support for key technology fields
- To ensure that the jointly defined research programs will better match industry's needs and expectations
- To allow for a consistent execution of long-term strategy
- To scale-up and intensify the link between Industry and Research Community by complementing programs and resources



To facilitate collaboration and improve Europe's performance in New Technologies

JTI Evolution



Timeline

- Sept '07 – Dec '08
- Dec '08 – Jan '10
- Feb '10 – Dec '16

Activities

- Transition from HFP
- Drafting strategic and operational guides & plans
- 1st Stakeholder General Assembly
- Hand over to interim structure
- Establish the office and accounts
- Establish JTI official bodies
- Start recruitment
- Implement 1st JTI activities
- Build full size JTI
- Make operations efficient & effective; try to simplify
- Establish global ties
- Learn and adapt activities

NEW-IG









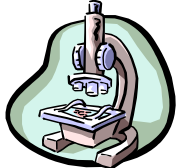

Thank you for your attention

Interested in joining the NEW-IG?

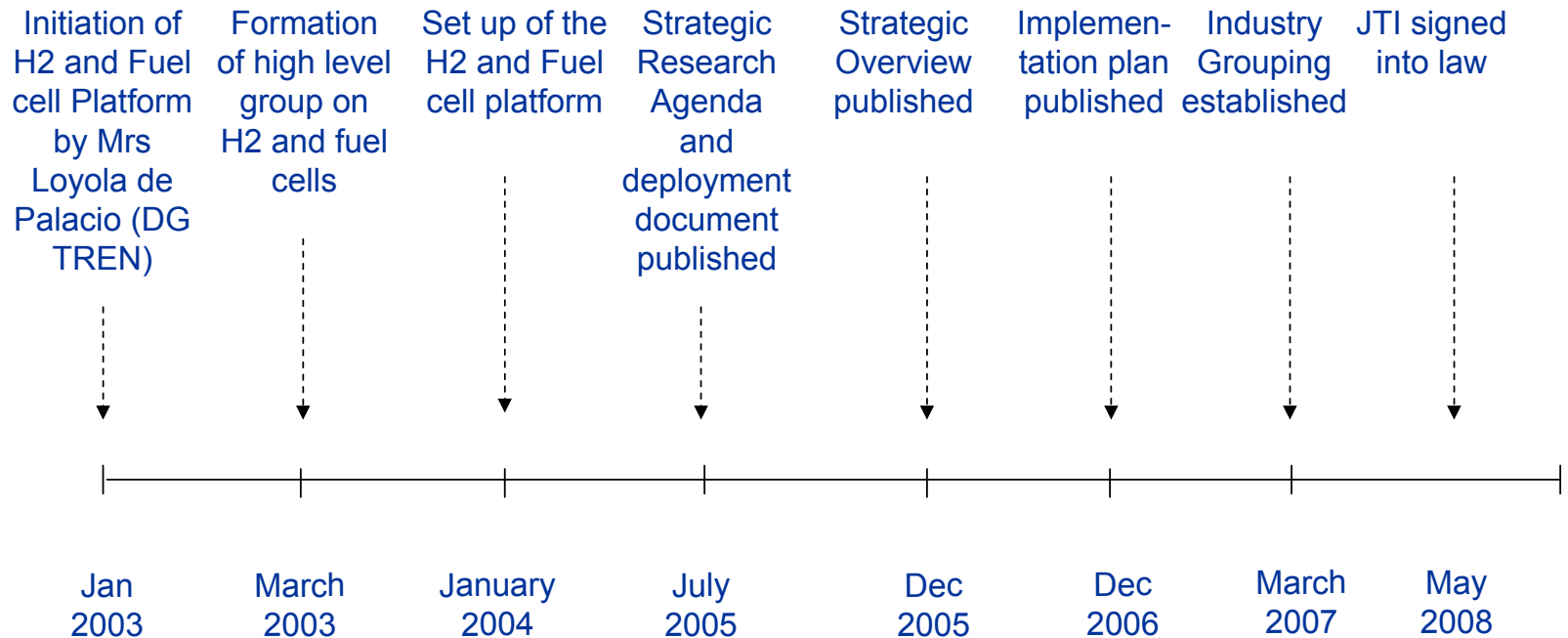
Contact the NEW-IG Secretariat
Avenue Jules Bordetlaan 142
1140 Brussels, Belgium

Email: Secretariat@FCHindustry-JTI.eu
Telephone: +32 2 761 1687
Fax: + 32 2 761 1699

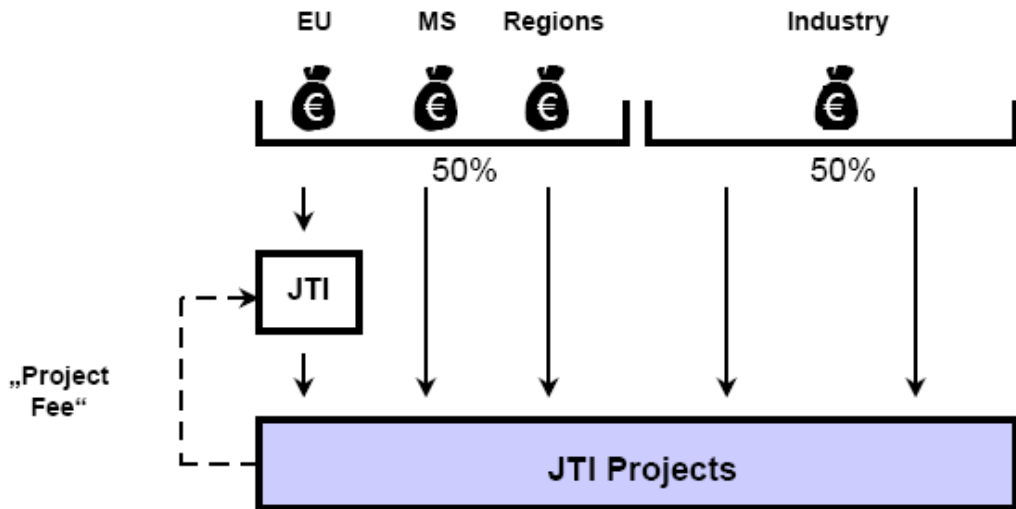
Five JTIs have been approved

•Name					
•Type	• Clean air transport	• Innovative medicines	• Fuel cells and hydrogen	• Nano electronics	• Embedded computing systems
•Public funding (EUR)	• 1.6B	• 1B	• 0.47B	• 0.45B	• 0.42B
•Start	• Feb 2008	• Feb 2008	• May 2008	• Feb 2008	• Feb 2008
					

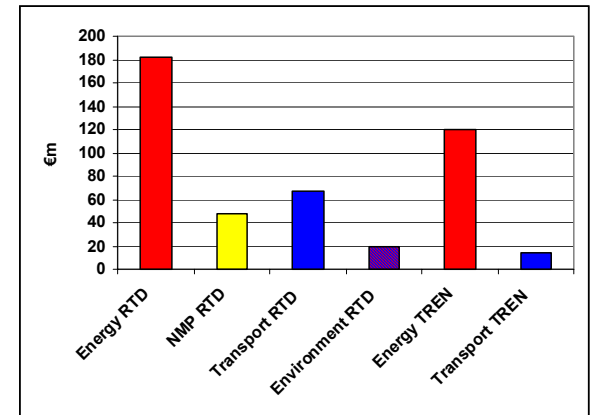
More than 5 years of work...



Funding



Public Funding



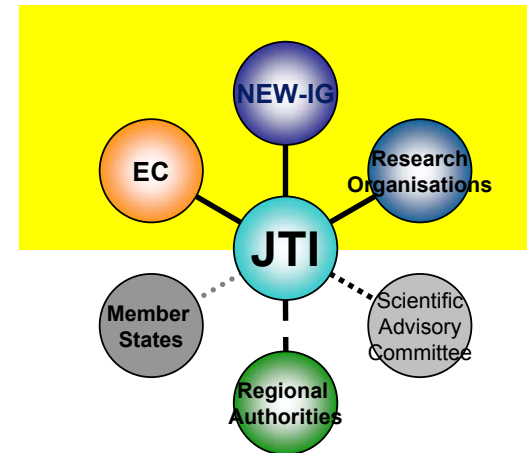
JTI Members

- The FCH JTI Membership comprises 12 Board Members: 6-Public/6-Private

- European Commission – providing €470m of funds and five of the twelve Board Members.
- Industry Grouping – providing matched funding for Projects and six of the twelve Board Members.
- Research Grouping – providing some funds and one of the twelve Board Members

- Further associated bodies:

- HyRamp – Regional interest Grouping
- Member States Advisory Group – representing the Member States
- Scientific Advisory Committee



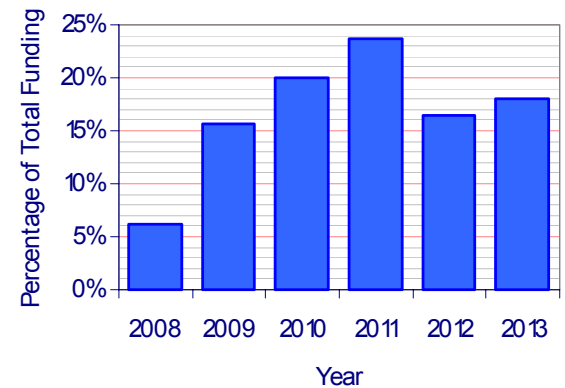
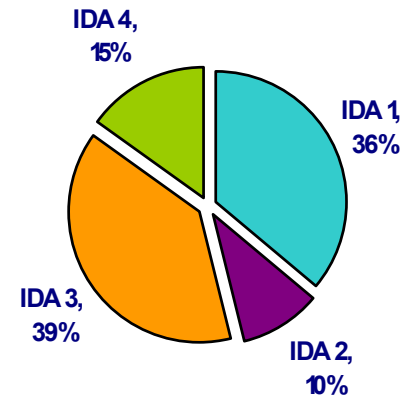
AIP and MAIP

•MAIP (Multi-Annual Implementation Plan) and AIP (Annual Implementation Plan)

- Focused on projects assist development and commercialisation
- Developed by IG-committees & Research Group Nov'07-May'08
- Technologies split into
 - Transport
 - Stationary
 - Hydrogen
 - Early Markets
 - Cross-cutting

•Fund in line with Implementation Plan funds

- By technology
- By year



Process

- Very similar to Framework 6 (FP7 rules)
 - Competitive calls
 - Collaboration across Europe
 - Basic and Applied Research
 - Demonstrations
 - Projects year to four years
 - Peer reviews and evaluations
 - Contract between Collaboration and JTI
 - On-going review of Projects and Final Reports.

On the way...

- JTI signed into law on May 29th 2008
- First Governing Board July 14th 2008
- Official start on October 14th 2008 during the fuel cell & hydrogen week in Brussels
- First Call released on October 8th 2008, and closed on January 15th 2009
- 32 projects passed the first check-point