

FORO CDTI VII PROGRAMA MARCO JTI PILAS DE COMBUSTIBLE E HIDRÓGENO (FCH) CDTI, 22 de octubre de 2007

Proposal for a
COUNCIL REGULATION
setting up the Fuel Cells and Hydrogen
Joint Undertaking

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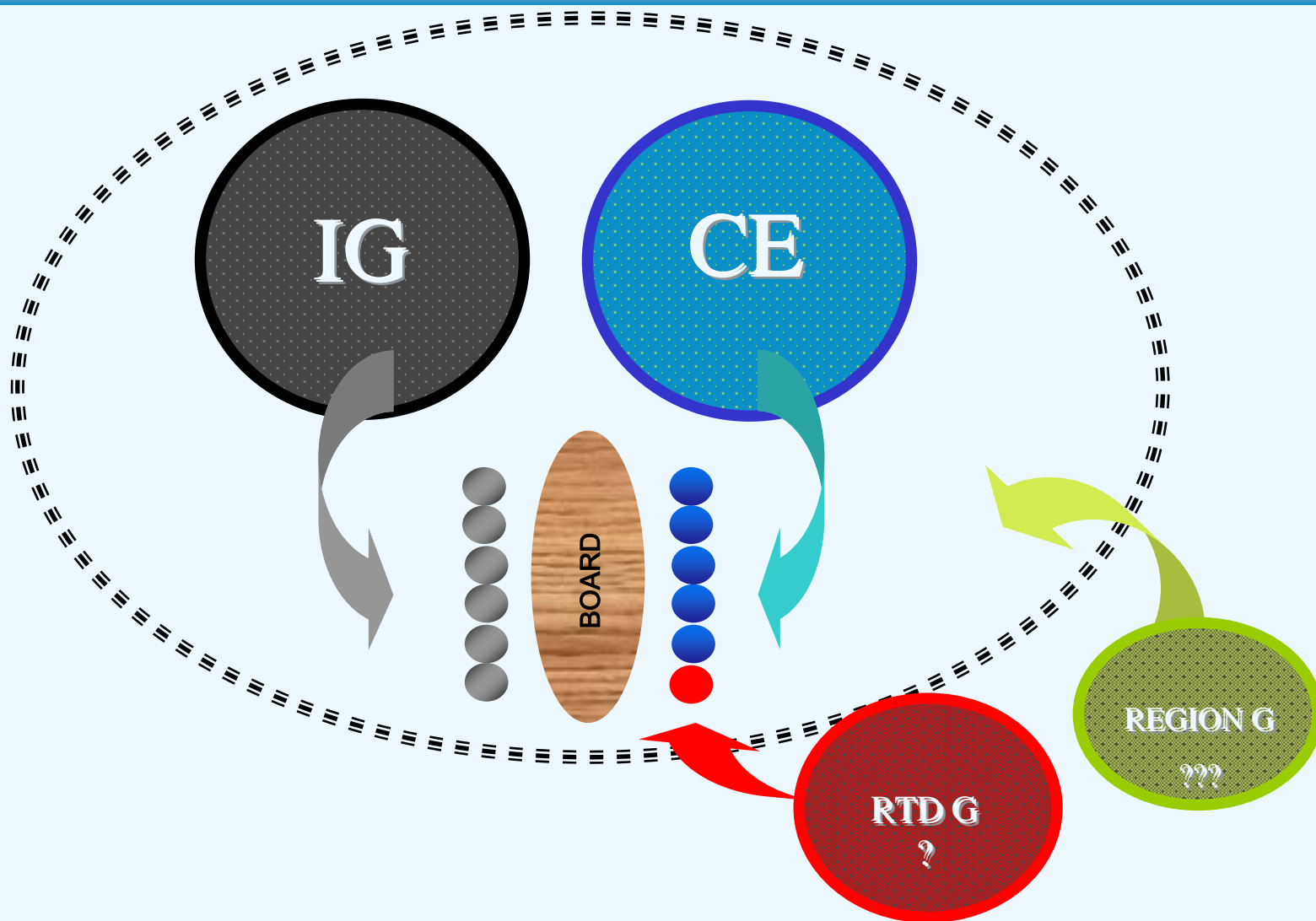
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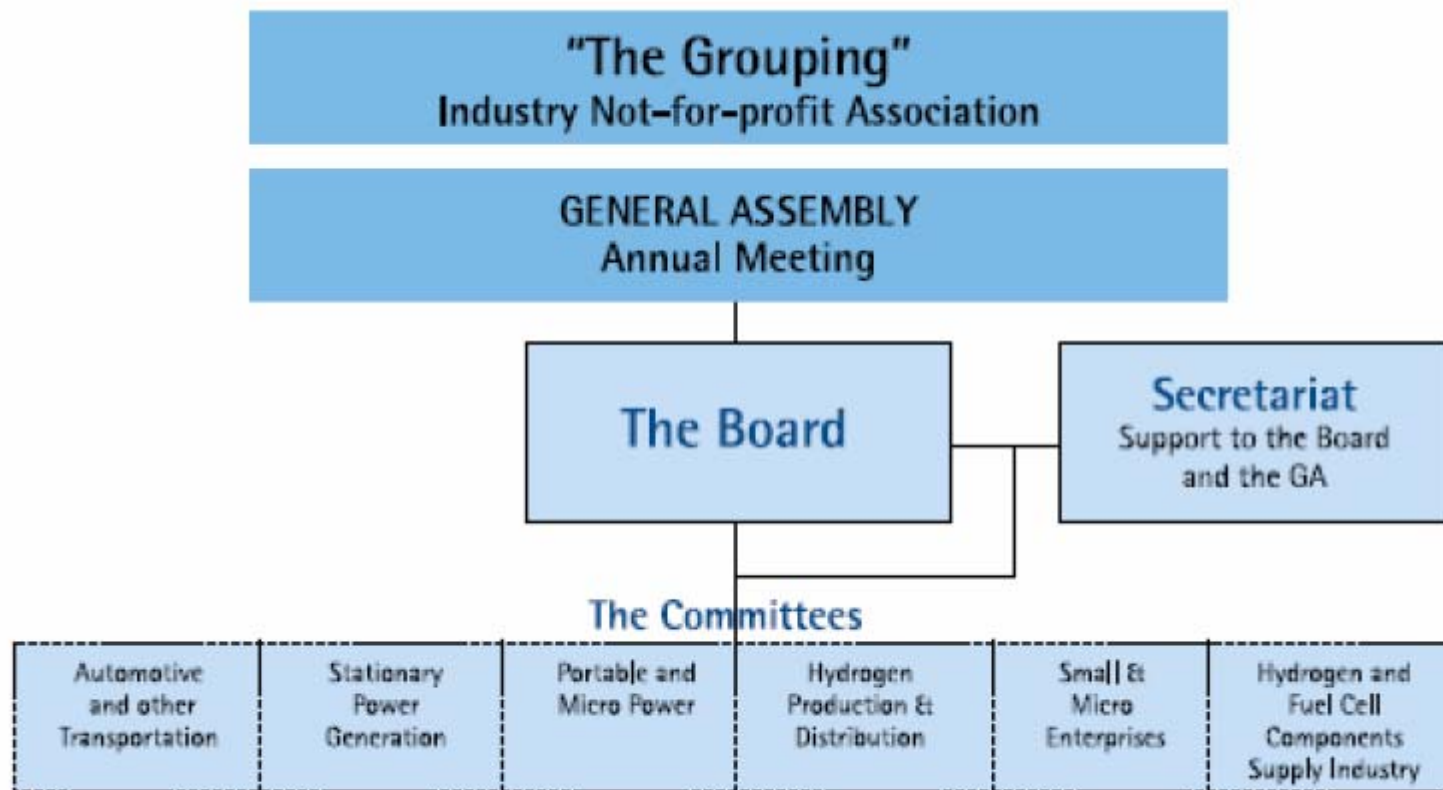
Legal framework of the proposal

- The proposal consists of a Council Regulation on the establishment of the **Fuel Cells and Hydrogen Joint Undertaking**.
- The legal basis of the proposal is Article 171 of the Treaty establishing the European Community.

JTI FCH system



Structure of the JTI IG



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.

BY-LAWS OF THE EUROPEAN INDUSTRY GROUPING FOR A HYDROGEN AND FUEL CELL JOINT TECHNOLOGY INITIATIVE.

STATUTES OF “THE GROUPING”

Article 4 – Eligibility Criteria

Membership of “the Grouping” is open to companies meeting each of the following criteria:

1. (i) Companies established in a Member State of the European Union, according to Art. 48 of the EC Treaty¹ or (ii) companies having their registered office, central or principal state of business within a State (ii) which is a contracting party to the European Economic Area Agreement or (iii) which is an Associated or Candidate Country to the European Union;
2. Companies with **relevant activities in research & development, demonstration, industrialization or deployment** of hydrogen and fuel cells and/or concrete plans to do so in the near future within the European Union or the European Economic Area;
3. **Companies sharing and supporting the objectives of the JTI** for Hydrogen and Fuel Cell Technologies

Budgetary implication (1)

- The "legislative financial statement" attached to this draft regulation sets out the budgetary implications and the human and administrative resources, and provides indicative figures for the period 2007-2013.
- The EC budget, **totalling 470 million EUR**, will come from the following FP7 "Cooperation" Specific Programme budget lines:

THEME	OPERATIONAL COST (M€)	ESTIMATED ADMINISTRATIVE COST (M€)	TOTAL (M€)	%
Energy – RTD	182,50	7,5	190,00	40,4
NMP - RTD	48,00	2	50,00	10,6
Transport - RTD	67,20	2,8	70,00	14,9
Environment - RTD	19,20	0,8	20,00	4,3
Energy – TREN	120,10	4,9	125,00	26,6
Transport – TREN	14,40	0,6	15,00	3,2
	451,4	18,6	470	

Budgetary implication (2)

- The **running costs** of the FCH Joint Undertaking will be covered in equal parts (50/50) by the EC and the Industry Grouping (IG). (**Max. 50.000 €/y per member**)
- The **operational costs** for RTD and Demonstration shall be jointly funded through the financial contribution of the Community and through in-kind contributions from the private legal entities participating in the activities, corresponding to an amount at least equal to the Community's contributions.
- If a Research Grouping is established and applies to join the FCH Joint Undertaking, the Research Grouping shall **have one seat in the Governing Board** and shall then contribute 1/12 of the running costs. **Max. 25.000 €/y per member**

Participation in projects (1)

- Participation in projects shall be open to legal entities and international organisations established in a Member State or any third country once the minimum conditions have been satisfied.
- The minimum conditions to be fulfilled for projects funded by the FCH Joint Undertaking shall be the following:
 - **at least three legal entities** must participate, each of which must be established in a Member State or Associated country, and **no two of which may be established in the same Member State or Associated country**;
 - **all three legal entities must be independent of each other** as defined in Article 6 of Regulation (EC) No 1906/2006 of the European Parliament and of the Council laying down the rules for the participation of undertakings, research centres and universities in actions under the Seventh Framework Programme and for the dissemination of research results (2007-2013);
 - **at least one legal entity must be a member of the Industry Grouping or the Research Grouping.**

Participation in projects (1)

- The legal entities wishing to participate in a project shall form a consortium and appoint one of their members to act as its coordinator. **Normally the coordinator shall be a member of the Industry Grouping, or a member of the Research Grouping**, if such Research Grouping is established. Exceptions shall be approved by the Governing Board.
- The minimum condition for service and supply contracts, support actions, studies and training activities funded by the FCH Joint Undertaking shall be the **participation of one legal entity.**

Eligibility for funding (1)

- The Community contribution to the FCH Joint Undertaking for the funding of the RTD and Demonstration activities shall be granted **following competitive calls for proposals**.
- In **exceptional cases the FCH Joint Undertaking may issue calls for tenders**, if it is deemed appropriate for the effective pursuance of the research objectives.

Eligibility for funding (2)

- Private legal entities fulfilling all the following criteria shall be eligible for such funding:
 - they are established in a Member State or have their registered office, ...
 - they have relevant activities in R&D, demonstration, industrialization or deployment for fuel cells and/or hydrogen and/or concrete plans to do so in the near future within the European Union or the European Economic Area.
- The following shall also be eligible for funding:
 - non-profit public bodies established in a Member State, Associated country, Candidate Country or within the EEA, including secondary and higher education establishments;
 - international organisations, which have legal personality under international public law, as well as any specialised agencies set up by such intergovernmental organisations;
 - legal entities from third countries, provided that the Governing Board considers their participation to be of particular benefit to the project.

Members of the JTI

- JTI Industry Grouping
- Research Grouping
- European Regions and Municipalities interested in fuel cells and hydrogen



Members of the JTI Industry Grouping

50 companies, including 14 small and micro businesses (1/2)



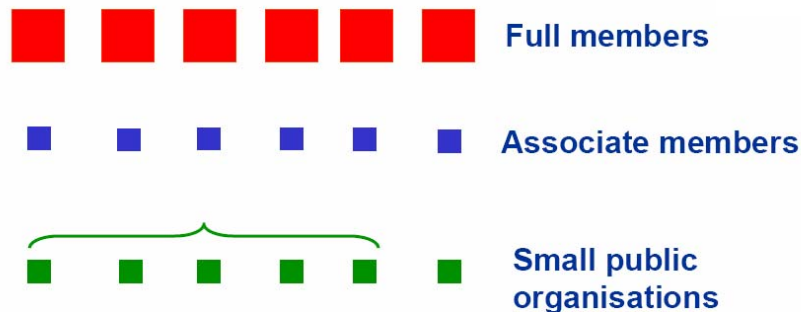
Members of the JTI Industry Grouping

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Research Grouping

Members of the Research Grouping



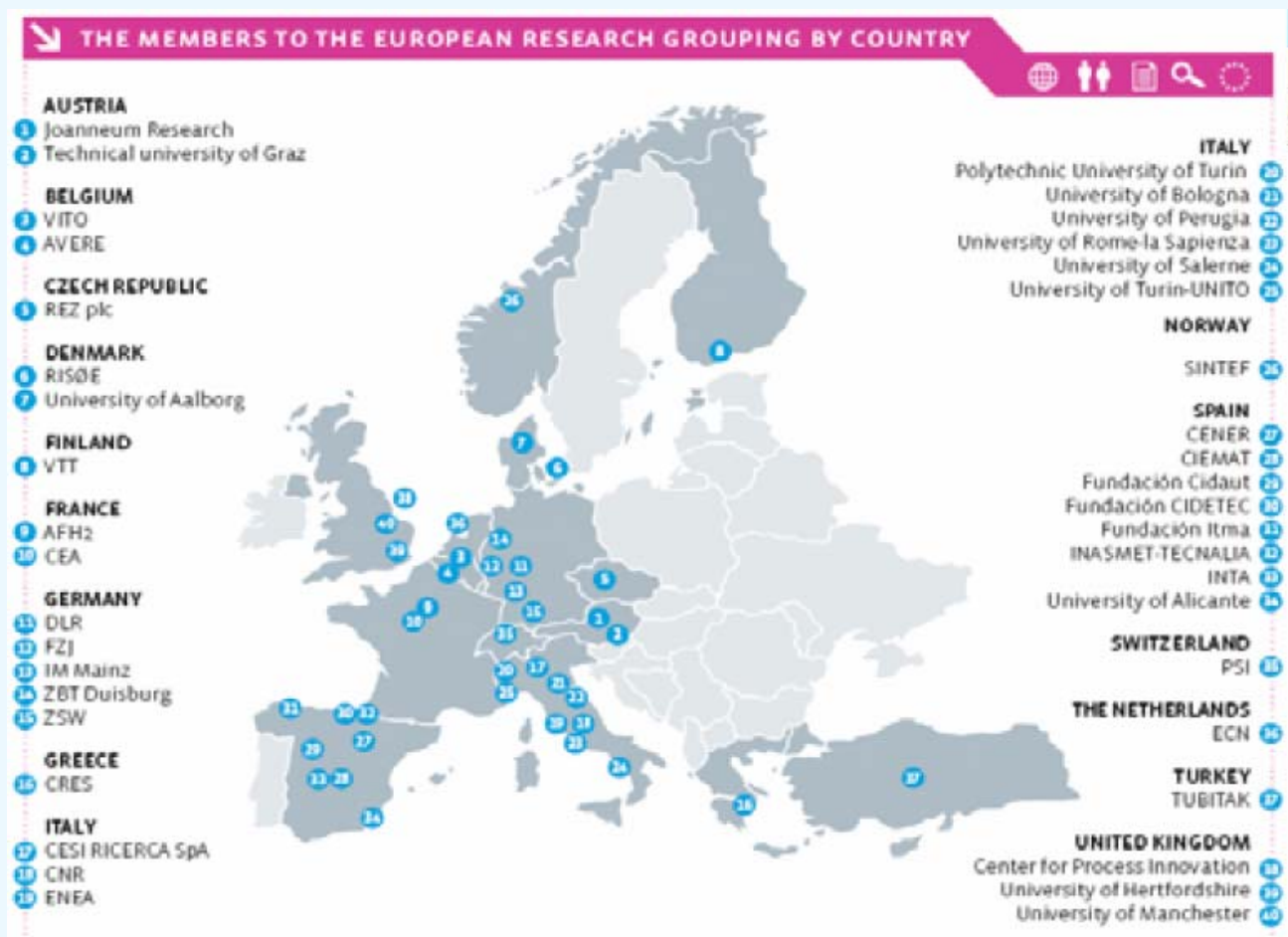
Full members are generally large institutes

- have voting power
- participate in the election of the Research Grouping Governing Board
- have a representative in JTI working group
- Expected annual membership fee: 25000 €

Associate members

- No voting power
- do not participate in the election of Research Grouping Governing Board
- can be elected as representative in JTI working group
- Expected annual membership fee: 10000 €

Members to the European Research Grouping



CENER
CIEMAT
CIDAUT
CIDITEC
ITMA
INASMET
INTA
UNI. ALICANTE

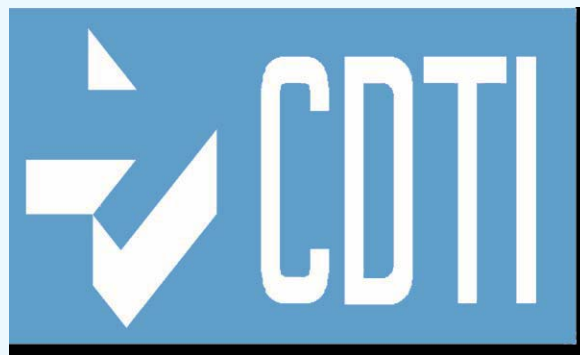
- Workshop on the Coordination of European Regions and Municipalities interested in fuel cells and hydrogen was held during the Hydrogen and Fuel Cell Review Days 2007 in **Brussels on 10 October 2007.**
- About 70 representatives from Regions, Municipalities, and also other interested participants of the Review Days attended the Workshop.

- Task Force should follow up on the conclusions of the Workshop and prepare the creation of the Partnership
- The Task Force should comprise a small number of representatives of committed Regions/Municipalities which can provide sufficient resources for the work over the next 6 months to ensure rapid progress with the preparation of the Partnership
- The members of the Task Force identified in the Workshop are **Aragon**, Lombardia, Piemonte, London, North-East UK, Hamburg, Nordrhein-Westfalen, Scandinavian Hydrogen Partnership.

Conclusiones preliminares

- El poder de decisión en temas científico técnicos y presupuestarios recaen al 100 % en la JTI (estrategias, nuevos miembros, ubicación de instalaciones, programas de trabajo, etc.).
- La participación de entidades en proyectos gestionados por la JTI es abierta, pero los consorcios han de estar liderados por un miembro del IG o del RG.
- El presupuesto de la CE (470M€) a través de fondos de la DG RTD y DG TREN de diferentes Temas (energía, transporte, medioambiente y nanotecnología) condiciona que todas las actividades de investigación, demostración e implementación relacionadas con Pilas de Combustible e H2 salgan de los instrumentos tradicionales del VIIPM.
- El papel de los Países Miembros es prácticamente nulo. No se contempla la creación un comité de programa como en el PM, de información asesoramiento y control: grupo de alto nivel con escasas competencias.

Gracias por su atención



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