



Joint Technology Initiative on Fuel Cells and Hydrogen

**Energy Conversion and Distribution
Systems, DG RTD**

Bengt Haner

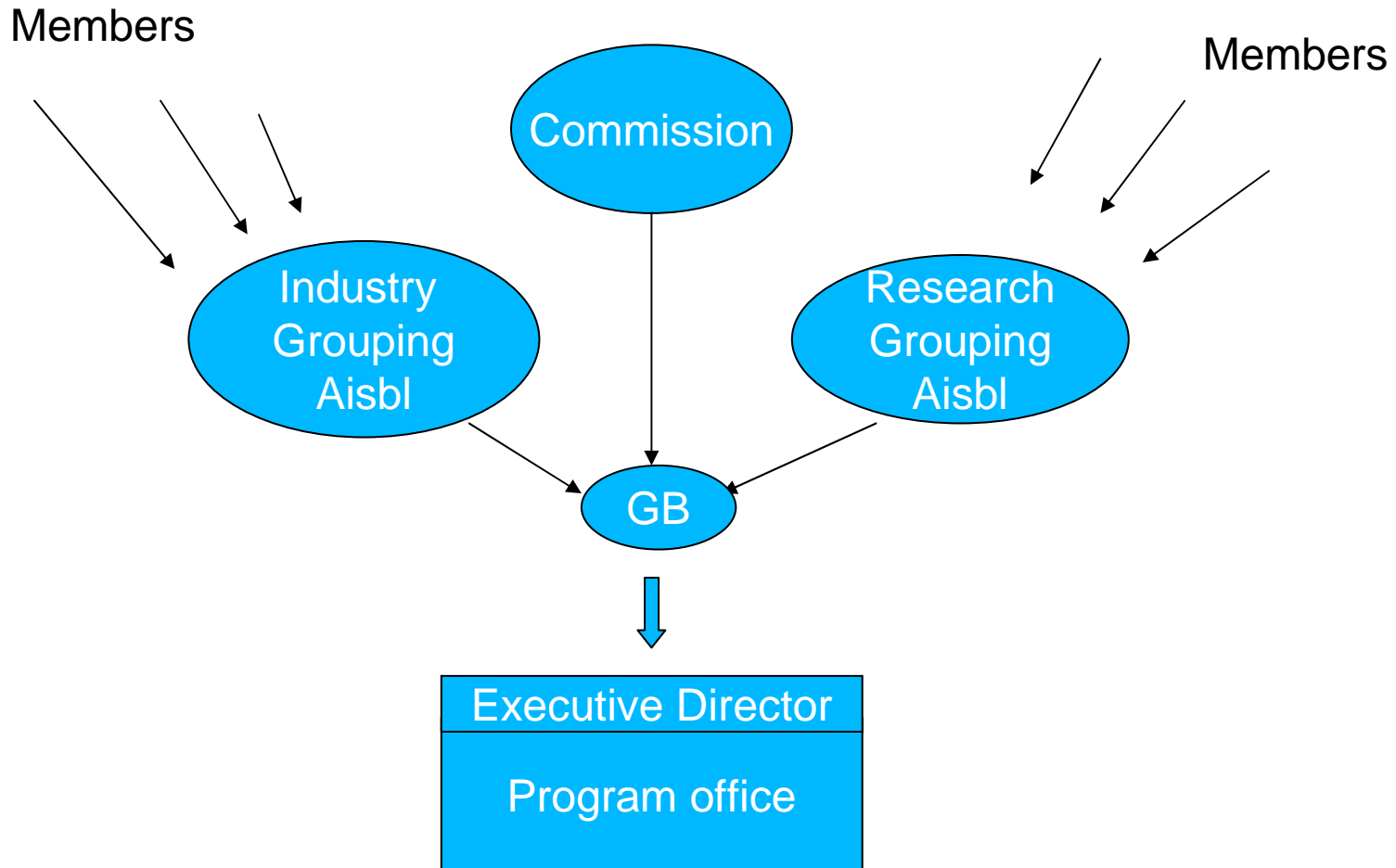
Chronology

- ✘ Adoption by Council Regulation (EC) No 521/2008 of 30 of May 2008
- ✘ Publication in the Official Journal of the EU, OJ L 153, 12 June 2008, p.1
- ✘ Regulation entered into force 15 June 2008
- ✘ Interim period with Commission's responsibility
- ✘ Autonomy

The Joint Undertaking as a Legal Entity

- × Public-private partnership
- × Will operate in 2008 – 2013 (2017)
- × Located in Brussels
- × The Industry Grouping (a Belgium-based not-for-profit association) and the European Community, represented by the Commission, are the **founding** members
- × The Research Grouping (a Belgium-based not-for-profit association) is the **third member** of the JU

Administration and funding of the JU



The IG, RG and the Commission are members of the Governing Board



Membership in the groupings

The RG shall be

- open to membership, on fair conditions, to **any research organisation including universities and research centres established in a MS or an AC**, excluding those representing the interests of industry or those set up by a company for the sole purpose of undertaking research for this company

-The IG shall be

- be open to membership, on fair conditions, by **any private legal entity (including SMEs)**,, provided it is active in the field of fuel cells and hydrogen in Europe, and is committed to contribute to the objectives and resources of the FCH Joint Undertaking.

Governing Bodies

Governing Board

- has 6 representatives from the Industry Grouping, 5 from the EC, 1 from the Research Grouping
- **decides** by consensus, but, if not possible, by $\frac{3}{4}$ majority;
- EC **votes** are indivisible;
- One seat is foreseen to represent **SMEs**;
- Observers** and experts can be invited to the meetings, Chair of the State Representatives Group has the right to be present

Executive Director

Advisory Bodies

- FCH State Representatives Group (SRG)
One representative from each MS and Associated Country

- Scientific Committee
Max. 9 members - a balanced representation of world class expertise

- Stakeholders' General Assembly
Public + private stakeholders, international interests groups also from third countries

EC Budget

- The EC contribution to the JU projects comes entirely from the FP7 Cooperation Programme
- EC Budget of 470 M€
 - *DG Research (RTD) (Energy, Environment, Materials and Transport) provides 330 M€*
 - *DG TREN (Energy and Transport) provides 140 M€*

Financing

- Administrative costs shall be shared 50/50 between the Industry Grouping and Community plus Research Grouping (cash contributions)
- Operational costs (project funding) shall be shared between the Community and the legal entities participating in the activities (cash contributions and in-kind contributions respectively)

Participation in Projects

- × Open **calls for proposals**
- × Minimum **3** independent legal entities from **different MS/AC**
- × **All** legal entities and international organisations **can participate**
- × As a rule, **third country** participants are **not eligible for funding**
- × At least **one legal entity** belonging to the **Industry Grouping** or **Research Grouping** in each project/consortium
- × In general, **co-ordinator** will be IG/RG member

Funding limits

- The upper funding limits “..shall be aligned to comply with...” the FP7 rules
- Matching of Community contribution by industry
- Necessary reductions to be calculated on Call level
- Upper limits for reimbursement of
 - *direct costs*
 - *indirect costs*

Funding limits

Direct costs

		Type of Activity	
Type of Organisation	Research and Technological Development	Demonstration	Other
Industry, other than SME	Max 50 %	Max 50%	Max 50%
Non-profit public-bodies, universities & higher education establishments, non-profit research organisations, SMEs	CP - Max. 75% CSA - Max. 50%	Max 50%	CP - Max. 75% CSA - Max. 50%

Collaborative projects = CP

Coordination and Support actions = CSA

Funding limits

Indirect costs

- A maximum of **20% of the direct eligible costs**

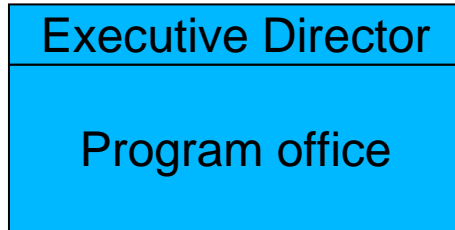
or

- A **flat rate of 20% of the direct eligible costs**

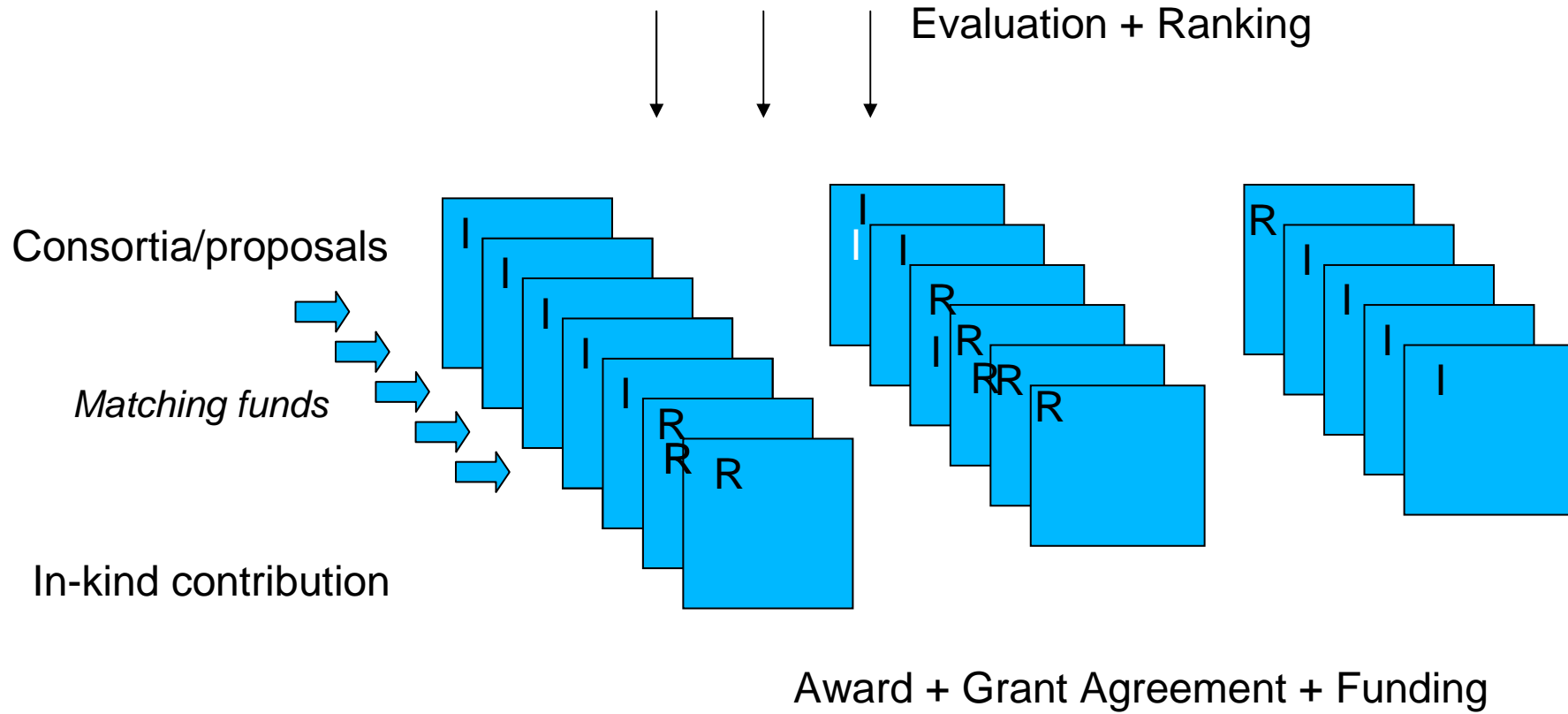
First option is mandatory for industrial legal entities, except for those whose accounting system does not allow to distinguishing direct from indirect costs. Under this option, beneficiaries shall declare their actual indirect costs under eligible costs.

(As in FP7 the calculation of the indirect eligible costs is based on direct costs but excluding costs for subcontracting and for costs of resources made available by third parties which are not used on the premises of the beneficiaries).

Financing in projects



Evaluation + Ranking



First Call for Proposals

- × First call was published 8 October 2008 with deadline for applications 15 January 2009
- × Budget for the first call 28.1 M€ EC contribution
- × Application Areas:
 1. *Transportation and Refueling Infrastructure*
 2. *Hydrogen Production, Storage and Distribution*
 3. *Stationary Power Generation & CHP*
 4. *Early Markets*
 5. *Cross-Cutting Issues*

Interim period

- × The **interim** Executive Director is from the Commission - to work with the support of a task force until the JU is operational
- × 9 vacancies for the JU are published (deadline 13 March)
- × http://europa.eu/epso/temp-staff_fr.htm#122
- × Publication of the Executive Director's vacancy is being prepared
- × All 20 vacancies planned to be published in 2009

What's next ?

- Evaluation of 1st Call is ongoing
- Experience from the first Call for proposals to be considered in the Second call
- Publish second Call for proposals
- Striving towards autonomy.....



Contacts

Industry Grouping - *Le Groupement industriel européen en faveur d'une initiative commune pour les technologies de l'hydrogène et des piles à combustible* - New Energy World

NEW IG Secretariat
142 Avenue Jules Bordet
1140 Brussels, Belgium

secretariat@fchindustry-jti.eu

Website: <http://fchindustry-jti.eu/>



Contacts

New European **Research Grouping** on Fuel Cells and Hydrogen -
N.ERGHY

Dr Stephan Saupe
DLR PD-E
51170 Köln
Germany

Tel.: +49 (2203) 6013239

Stephan.saupe@dlr.de

Website under construction.....

(Opening office in Brussels in spring)



Contacts

The FCH (from 1 March 2009)

- FCH-JU@ec.europa.eu

FCH JU website to open in April 2009

JTIs “general” website:

- <http://cordis.europa.eu/fp7/jtis>