

Members of Fuel Cells and Hydrogen 2 Joint Undertaking declare planned Additional Activities of the first Reporting Period July 2014 – December 2015

Introduction

Within the European innovation framework Horizon 2020 the Fuel Cells and Hydrogen 2 Joint Undertaking (FCH 2 JU) is the second generation of the European public-private partnership comprising the Industry Grouping (Hydrogen Europe), the Research Grouping (N.ERGHY) and the European Union represented by the European Commission. The partnership will mobilise up to €1.33 billion over the next decade to bring to market a portfolio of Fuel Cells and Hydrogen solutions in the fields of energy and transport.

In line with the FCH 2 JU Regulation¹, which lays the foundation for the partnership, all FCH 2 JU beneficiaries need to report additional R&D and deployment investments (“In-Kind Additional Activities”) made outside the FCH 2 JU in order to demonstrate the leverage effect of the programme and the growth of the sector.

These Additional Activities (IKAA) are defined as actions in Europe contributing to the FCH 2 JU's objectives but undertaken outside its work plan and not funded by the Union. Members of Hydrogen Europe and N.ERGHY and their affiliate entities are required to jointly deliver IKAA of at least €285 million across the life span of the FCH 2 JU.

¹ Council Regulation (EU) No 559/2014 of 6 May 2014 establishing the Fuel Cells and Hydrogen 2 Joint Undertaking

The underlying purpose of the IKAA exercise is hence to demonstrate private investments in the sector and ensure a balanced contribution made by the private and public entities in the context of the partnership.

The IKAA will be complemented by In-Kind Contributions through participation in Projects (IKOP) as part of the calls for proposals issued by the FCH 2 JU and covering non-reimbursed expenses.

Analysis of planned 2014-2015 IKAA

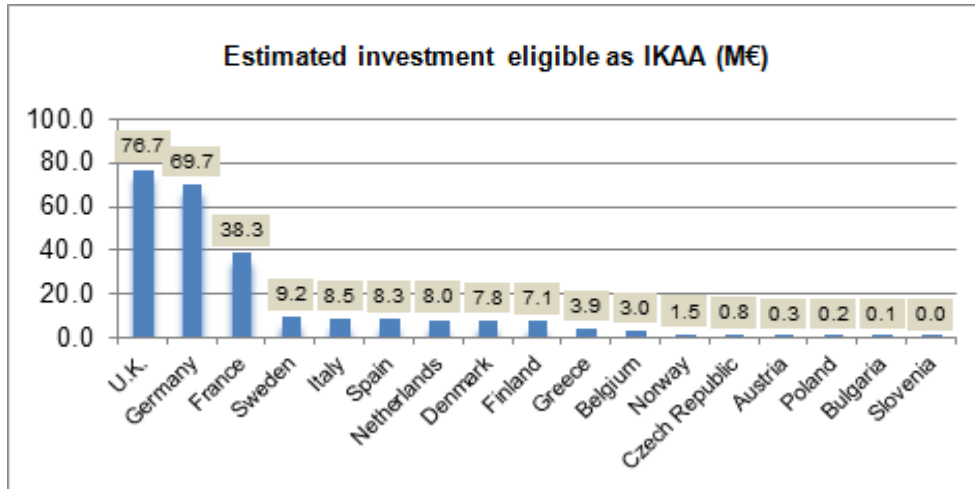
Hydrogen Europe and N.ERGHY members submitted their investment plans for the first reporting period from 1 July 2014 to 31 December 2015 to the FCH JU Governing Board in 2015.

A total of 78 research and industry organisations submitted their investment plans for a total amount of €243.2 million (see table). By declaring ambitious planned figures for the first 18 months of FCH 2 JU, the sector has shown strong and on-going commitment to the goals of the partnership from the outset.

With a 60-40% split between industry and research submissions in terms of number of entities, there is a clear intention to invest in, develop, and commercialise these innovative technologies.

Industry or Research / Submissions		
Sector	Number of members	Estimated investment eligible as IKAA (M€)
Industry	47	210.1
Research	31	33.1
Total	78	243.2

These submissions came from 17 different EU Member States (see graph below), with organisations from the United Kingdom, Germany and France providing the most sizable investments.



With 26 contributing SMEs, of which many are start-ups, the IKAA plans show that the FCH 2 JU is clearly spurring innovation, economic growth, and job creation in the European Union.

Size of Company of Industry Members		
Type	Number of submitting members	Estimated investment eligible as IKAA (M€)
Large	21 (7%)	147.8
SME	26 (33%)	62.3
Total	47	210.1

On the one hand activities undertaken under the Energy Pillar (67%) comprised hydrogen storage, handling and distribution and fuel cells. On the other hand under the Transport Pillar (33%) activities included fuel cells and tank technology demonstration as well as components for refueling stations.

Energy /Transport Distribution	
Sector	Estimated investment eligible as IKAA (M€)
Energy	126.4 (67%)
Transport	116.8 (33%)
Total	243.2

Next steps

Planned figures relate to IKAA which are to be carried out in a highly dynamic business environment. As new opportunities arise and activities evolve, both research and industry members will provide an update of realised activities through required IKAA reports. The final validation of these activities will be accomplished through certification of reported amounts by independent external auditors.

For any questions regarding IKAA do not hesitate to contact both FCH 2 JU partners using details below:

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