

Planned Additional Activities for 2020 declared by Hydrogen Europe and Hydrogen Europe Research members

Introduction

Within the EU Horizon 2020 Framework Programme for Research and Innovation, the Fuel Cells and Hydrogen 2 Joint Undertaking (FCH 2 JU) is the second generation of the **European public-private partnership** (PPP) consisting of the Industry Grouping (Hydrogen Europe), the Research Grouping (Hydrogen Europe Research) and the European Union which will mobilise up to €1.33 billion over the next decade to bring to market a portfolio of **fuel cell and hydrogen solutions** in the fields of energy and transport.

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

These Additional Activities 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 Hydrogen Europe Research and their affiliate entities jointly delivered in 2019 **a cumulative amount of €667M certified IKAA (for the period 2014 – 2018)**, significantly more than the certified minimum of IKAA of €285M required over the lifespan of the FCH 2 JU (2014 – 2024).

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 complements In-Kind Contributions in Projects (IKOP) as part of the calls for proposals issued by the FCH 2 JU covering non-reimbursed eligible expenses.

Analysis of planned 2020 IKAA

A total of 56 Hydrogen Europe and Hydrogen Europe Research members submitted their investment plans for the reporting period from 1 January to 31 December 2020 to the FCH 2 JU Governing Board in November 2019, including **191 different additional activities for a total amount of €316.2M** (see table below).

With certified (€667M for 2014 – 2018) and planned submissions for 2019 and 2020, amount in total to over **€1.200M**, the members demonstrate a strong and growing commitment to the goals of the partnership, towards a third generation of the PPP.

Industry and Research Submissions			
Sector	Count of Activities	Count of Members	Estimated investment in IKAA (M€)
Industry	102	34	252.1
Research	89	22	64.1
Total	191	56	316.2*

* Out of €316.2M, an amount of €2.7M will not be subject to certification since below the threshold of €325k per year / member

In addition, the **53 – 47 % split between industry and research in terms of number of activities**, shows a balanced and growing interest to invest in, develop, and commercialize these innovative technologies.

Geographical scope of planned 2020 IKAA

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

