



FUEL CELLS AND HYDROGEN
JOINT UNDERTAKING

Introduction to FCH 2 JU and call 2018

Mirela Atanasiu
Head of Unit



EU Climate and Energy Framework

Making energy more secure, affordable and sustainable



Jean-Claude
Junker

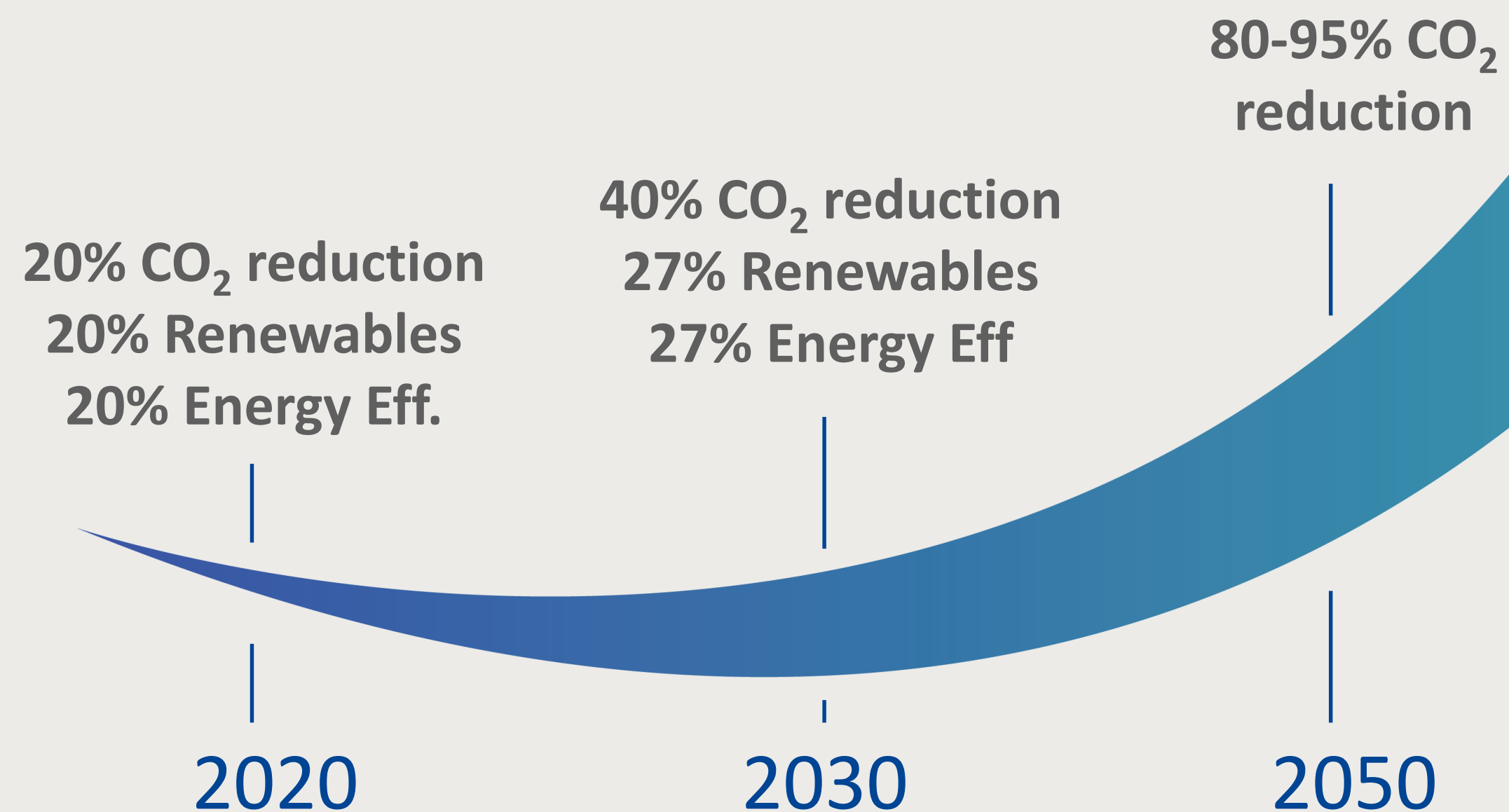
President of the
European
Commission



“I want to reform and reorganise Europe’s energy policy in a new European Energy Union”

Energy Union dimensions

- Security, solidarity and trust
- Fully-integrated Internal Energy Market
- Energy Efficiency
- Climate action - decarbonising the economy
- Research, innovation and competitiveness



Strong public-private partnership with a focused objective

EU Institutional Public-Private Partnership (IPPP)



Fuel Cells & Hydrogen Joint Undertaking (FCH 2 JU)



Industry grouping
More than 130 members
50% SME



European
Commission



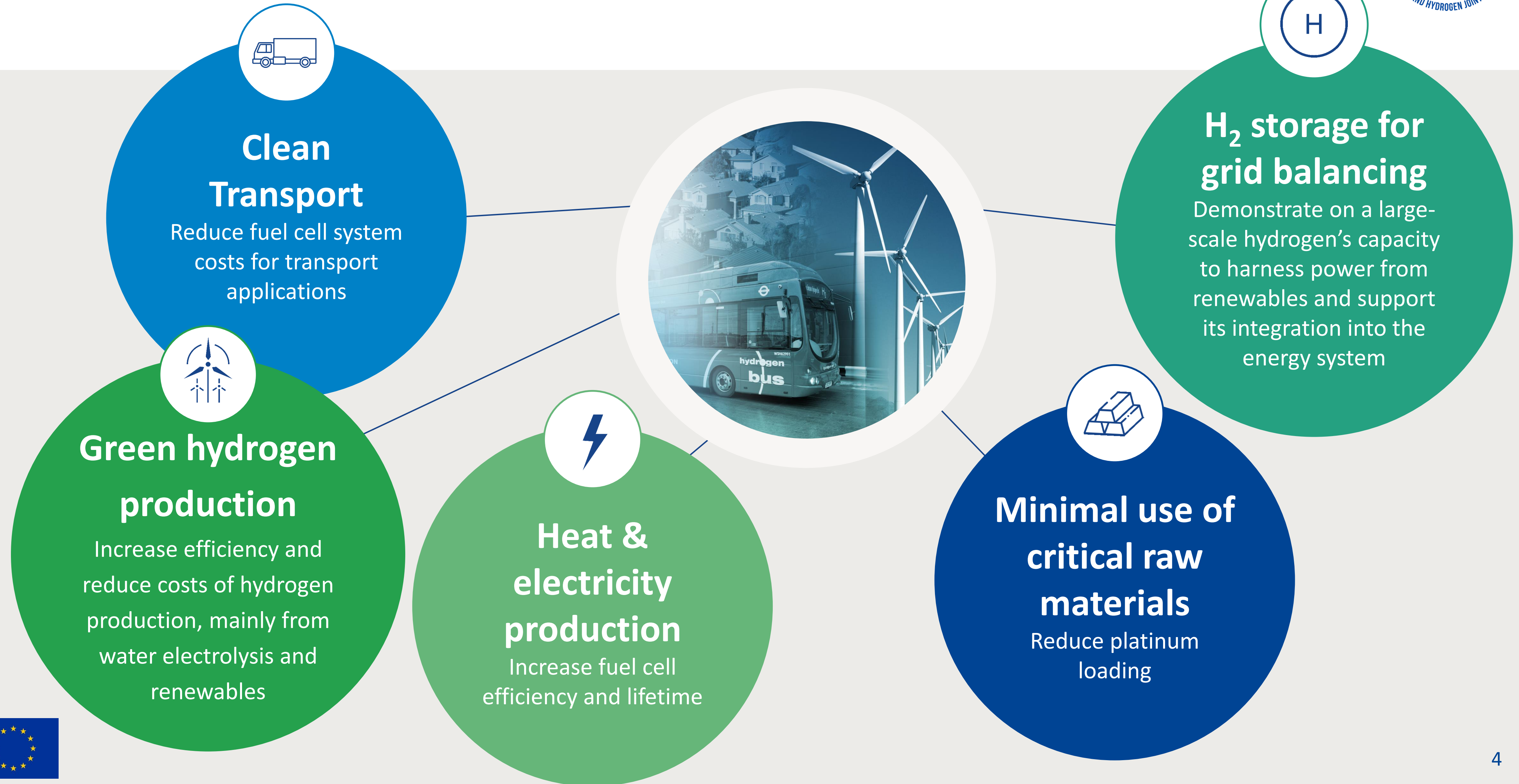
Research grouping
over 60 members



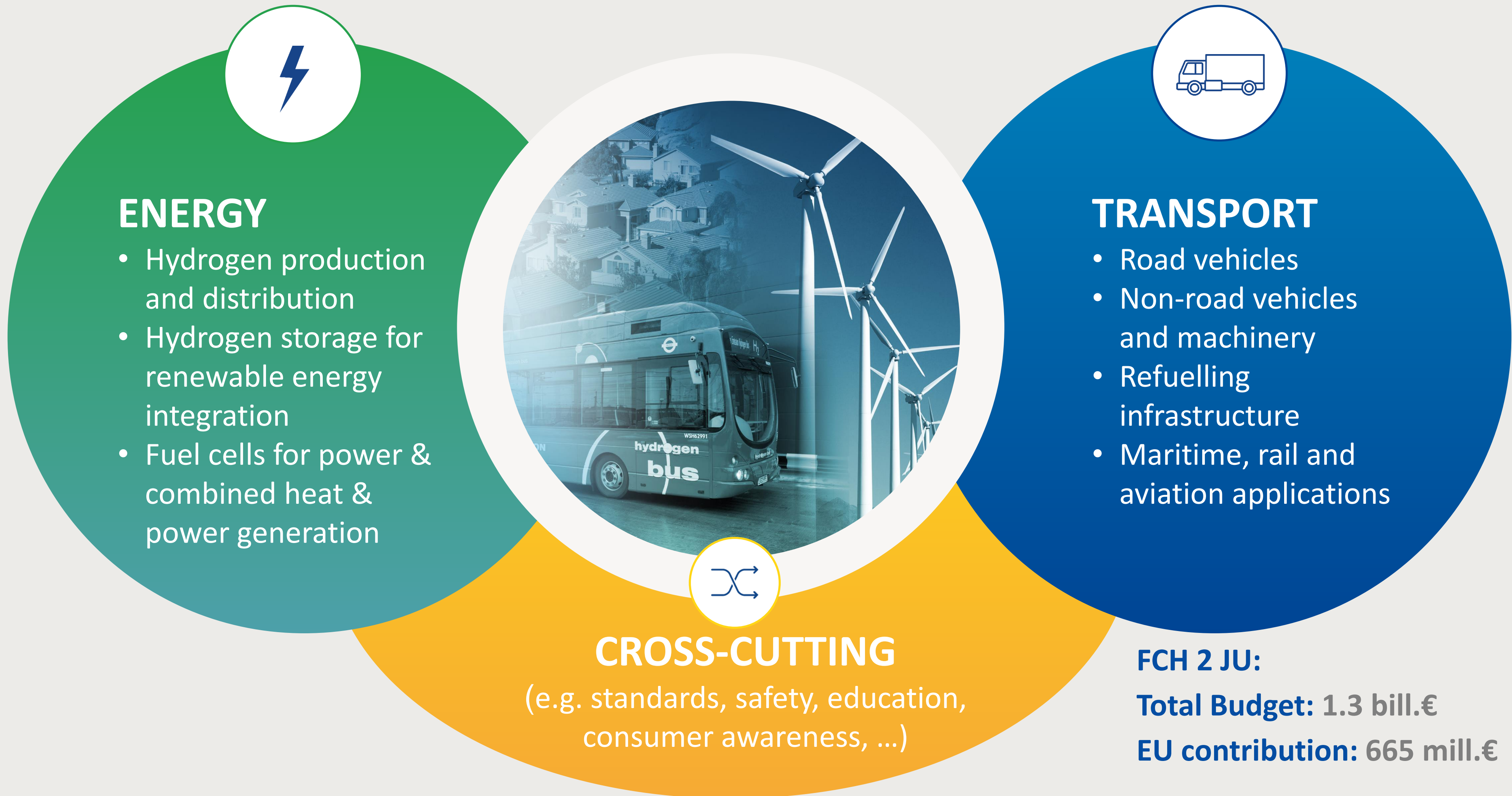
To implement an *optimal research and innovation programme* to bring FCH technologies to the point of market readiness by 2020

FCH 2 JU Objectives

Market readiness of a portfolio of clean, efficient and affordable solutions for our energy and transport systems



FCH 2 JU Programme structure



FCH JU programme implementation



Energy

- Hydrogen production and distribution
- Hydrogen storage for renewable energy integration
- Fuel cells for power & combined heat & power generation



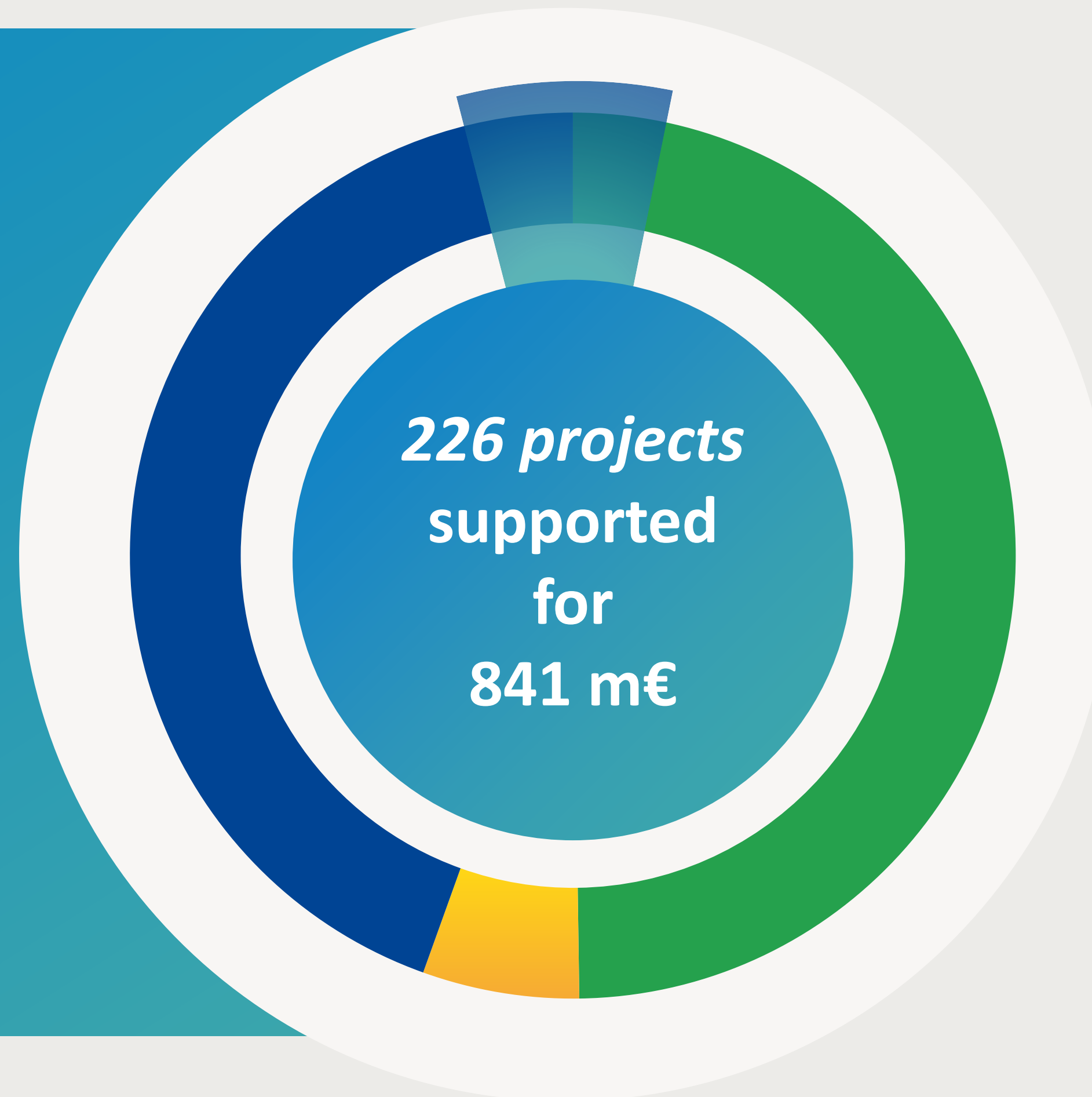
Transport

- Road vehicles
- Non-road vehicles and machinery
- Refuelling infrastructure
- Maritime rail and aviation applications

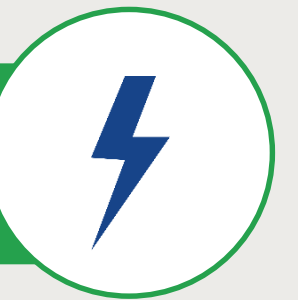


Cross-cutting

- E.g. standards, safety, education, consumer awareness ...



48%



401 million euros

128 projects

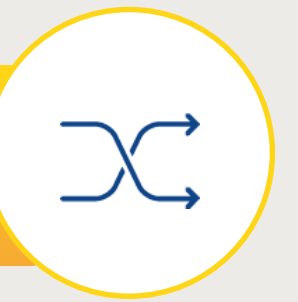
41%



351 million euros

58 projects

6%



47 million euros

37 projects

5%



42 million euros

3 projects



Similar leverage of other sources of funding: 886 m€

Call 2018 overview

Reflects the industry and research partners' assessment of the state of the technological maturity of the applications and their estimated importance to achieve critical objectives of the FCH 2 JU



Call identifier: H2020-JTI-FCH-2018-1

Total budget: EUR 73.2 million

Opening date: 16 of January 2018

Estimated deadline: 24 of April 2018

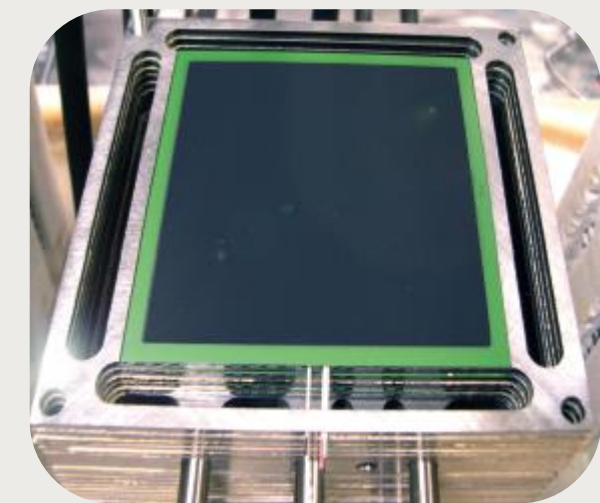
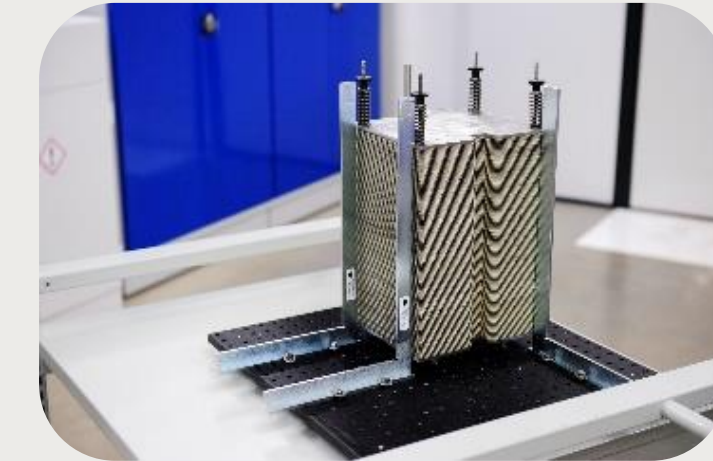
Content (20 topics):

Transport activities: 2 IA and 5 RIA for EUR 33.45 million

Energy activities: 3 IA and 5 RIA for EUR 27 million

Overarching activities: 1 RIA for EUR 4 million

Cross-cutting activities: 3 RIA and 1 CSA for EUR 8.75 million



Event's practicalities/Logistics



09:35 – 10:30 Call topics presentations

10:30 – 11:00 Networking coffee

11:00 – 13:30 Rules, legal & financial aspects, lessons learned

13:30 – 14:30 Lunch

14:30 – 16:00 Brokerage event

16:00 – 17:00 Networking cocktail

Twitter
#FCHJU_infoday18

Streamed online during morning plenary session (recordings accessible for free on our website after the event)

<https://fch.webex.com/join/BFCH2JU>

During the event we will collect your questions from the functional mailbox (fch-projects@fch.europa.eu) and on Twitter **#FCHJU_infoday18**.

No answers will be provided online but during the two Q&A sessions on the day



Networking

Organisation Type





FCH
FUEL CELLS AND HYDROGEN JOINT UNDERTAKING

Info Day 2018

Name
Surname
Organisation name

SME

-  Transport - Research
-  { Transport - Innovation and deployment
Overarching
-  Energy – H2 production and storage
-  Energy – Stationary FC
-  Cross - Cutting

5 Brokerage parallel sessions (moderated by Project Officers) - follow signs and paper guidance

Following interest in your registration form

Participation to the brokerage sessions

Short presentation with slides? Please make sure you are present 15 minutes before your brokerage session starts in order to upload your presentation in advance. No upload will be possible once the session has started.





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FCH JU