



2015 Call for Proposals



www.fch-ju.eu

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Head of the Program Unit

Agenda of the info-day



PRELIMINARY PROGRAMME – FCH JU Info-day – 7th May 2015

08:30 – 09:00 Registration

09:00 – 09:15 Welcome address and introduction to FCH 2 JU – J.L. DELPLANCKE

09:15 – 10:00 AWP2015 – Transport pillar & Overarching project topics – C. NAVAS & E. GIRON

10:00 – 10:15 Coffee break

10:15 – 11:00 AWP2015 – Energy pillar topics – N. LYMPEROPOULOS & J. SERRANO GOMES

11:00 – 11:15 AWP2015 – Cross-cutting topics – A. GARCIA HOMBRADOS

11:15 – 12:30 Rules for Participation, Call conditions & Proposals submission and evaluation – L. BOILLOT & M. ATANASIU

12:30 – 12:45 Introduction to Industry Grouping and Research Grouping

12:45 – 13:00 National Contact Points for Energy

13:00 – 14:00 Lunch

European Climate and Energy Policy Framework



From

The 20-20-20 goals by 2020:

- 20% increase in renewables
- 20% increase in efficiency
- 20% decrease in GHG emissions

To

The EU targets by 2030*

- 27% renewable energy
- 27% improvement of energy efficiency
- 40% reduction in GHG emissions

*European Council conclusions of 23/10/2014

Joint Undertaking – Public Private Partnership

Council Regulations:

521/2008 of 30 May 2008 (FP7)

1183/2011 of 14 November 2011

559/2014 of 6 May 2014 (H2020)

FCH 2 JU objectives

Reduction of production costs of long lifetime FC systems to be used in transport applications

Increase of the electrical efficiency and durability of low cost FCs used for power production

Transport

Industrial applications

Residential CHP

Feed to electricity grid

Reduce the use of critical raw materials

Existing natural gas, electricity and transport infrastructures

By-product from Chemical Industry

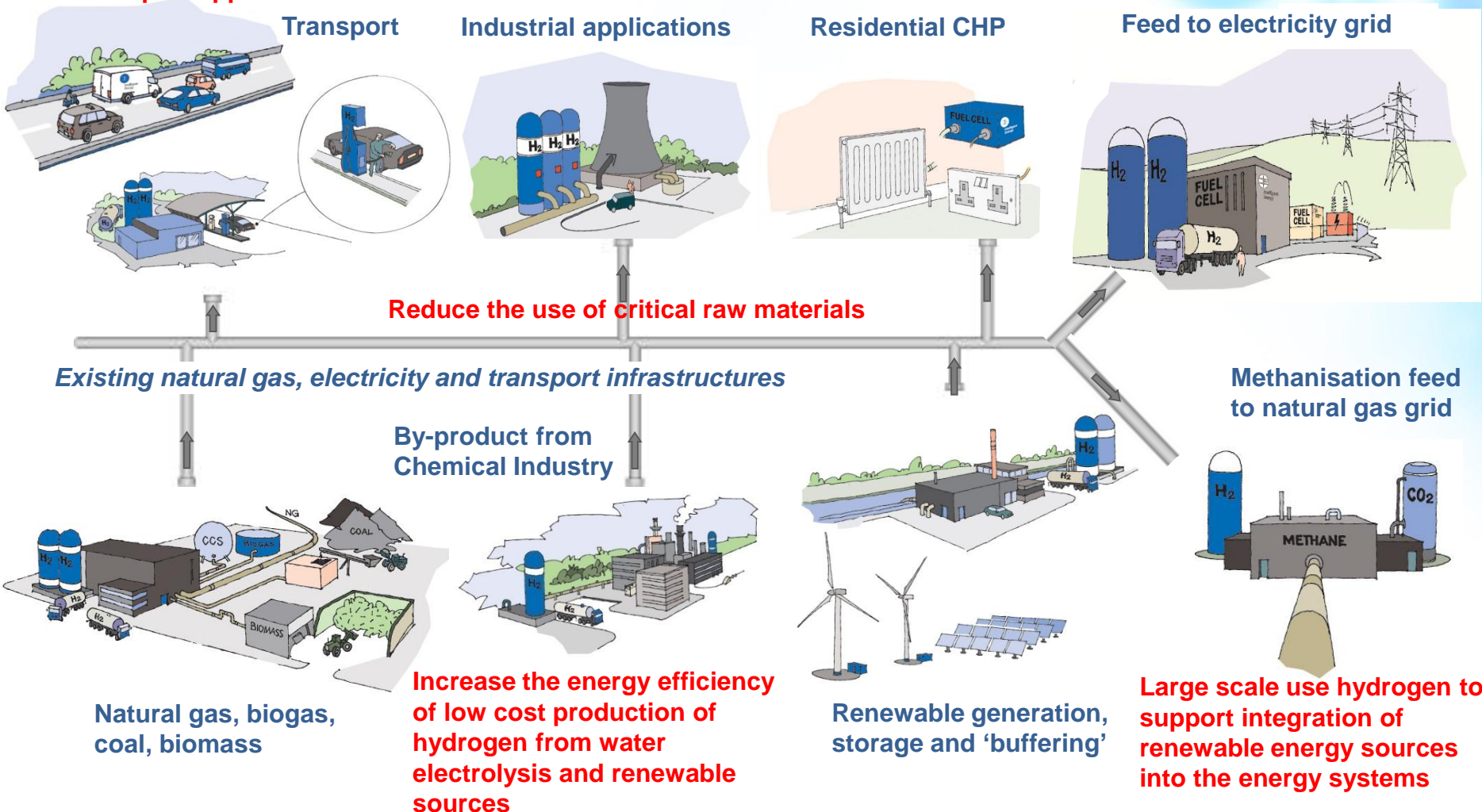
Methanisation feed to natural gas grid

Natural gas, biogas, coal, biomass

Increase the energy efficiency of low cost production of hydrogen from water electrolysis and renewable sources

Renewable generation, storage and 'buffering'

Large scale use hydrogen to support integration of renewable energy sources into the energy systems



FCH 2 JU under Horizon 2020

Two key activity pillars

TRANSPORT

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

ENERGY

- Fuel cells for power and combined heat & power generation
- Hydrogen production and distribution
- Hydrogen for renewable energy generation (incl. blending in natural gas grid)

CROSS-CUTTING ISSUES

(e.g. standards, consumer awareness, manufacturing methods, studies)

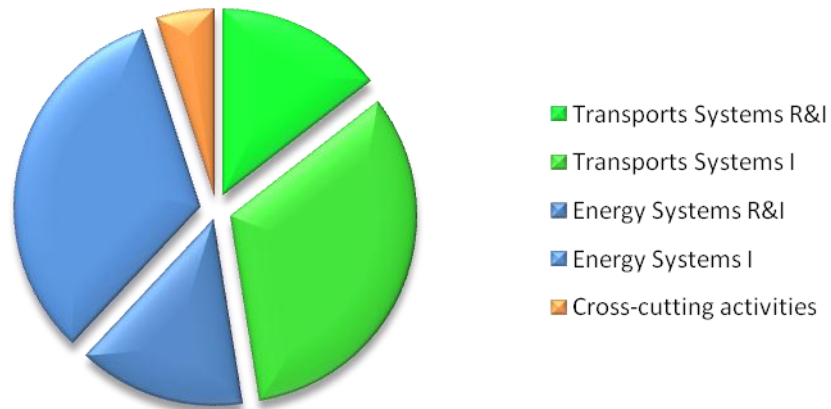
Budget of €1.33 billion in 2014 - 2020

Strong industry commitment to contribute inside the programme + through additional investment outside, supporting joint objectives.

- Members: IG / RG / EC
- PPP structure
- Implementation mainly through calls for proposals or procurement studies
- More demonstration and market uptake (60% of FCH JU contribution)
- In-kind contributions only from members (or constituent entities)
- At least 3 Member States involved in a project (except support action)
- Increased Cooperation with National and Regional Initiatives

Budget distribution 2014-2020

Funding distribution	Research and Innovation		Innovation		Total	
Transports Systems	94 (±5)	14.5%	213 (±10)	33%	307	47.5%
Energy Systems	94 (±5)	14.5%	213 (±10)	33%	307	47.5%
Cross-cutting activities					32	5%
Total	192	29%	426	66%	646	100%



2015 Call for Proposals

- Launch: 5 May 2015
- Information Day: 7 May 2015, Auditorium Madou (Brussels)
- Deadline: 27 August 2015
- Evaluation
 - Remote 14-25/09/2015
 - Consensus week 5-9/10/2015 (Experts ?)
- Indicative budget: 123 M€

Pillar	Action Type	# Topics	Indicative budget (M€)
Transport	RIA	5	25
Energy	RIA	6	20
	IA	3	34
Overarching	RIA	1	2
	IA	2	39.5
Cross-cutting	CSA	3	2.5
Totals		20	123

Thank you for your attention



FCH JU official website:
www.fch.europa.eu



European Industry Grouping
for a FCH-JTI (NEW-IG):
<http://www.fchindustry-jti.eu>



New European Research Grouping
on FCH (N.ERGHY):
<http://www.nerghy.eu>





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