



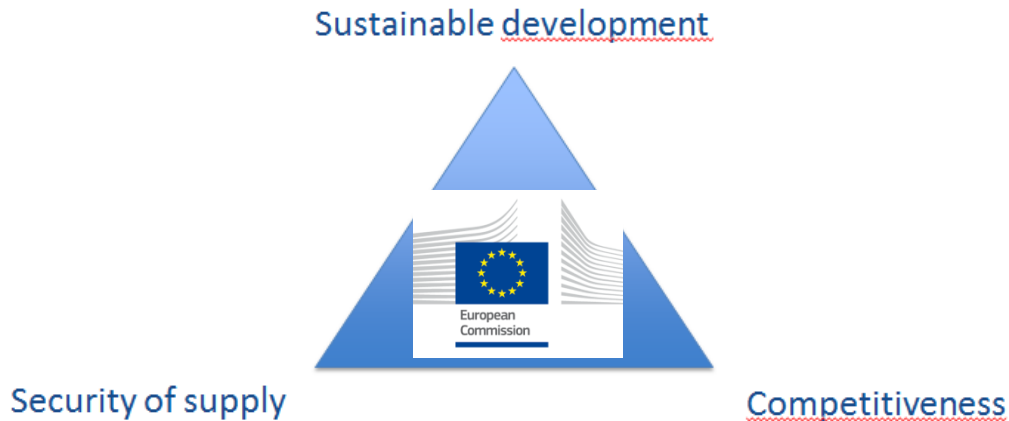
2014 Programme Review Days

Introduction

Jean-Luc Delplancke



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

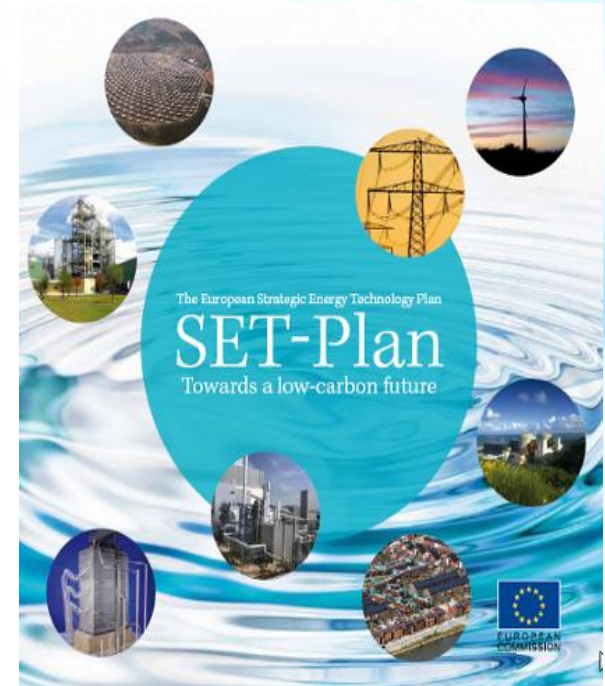
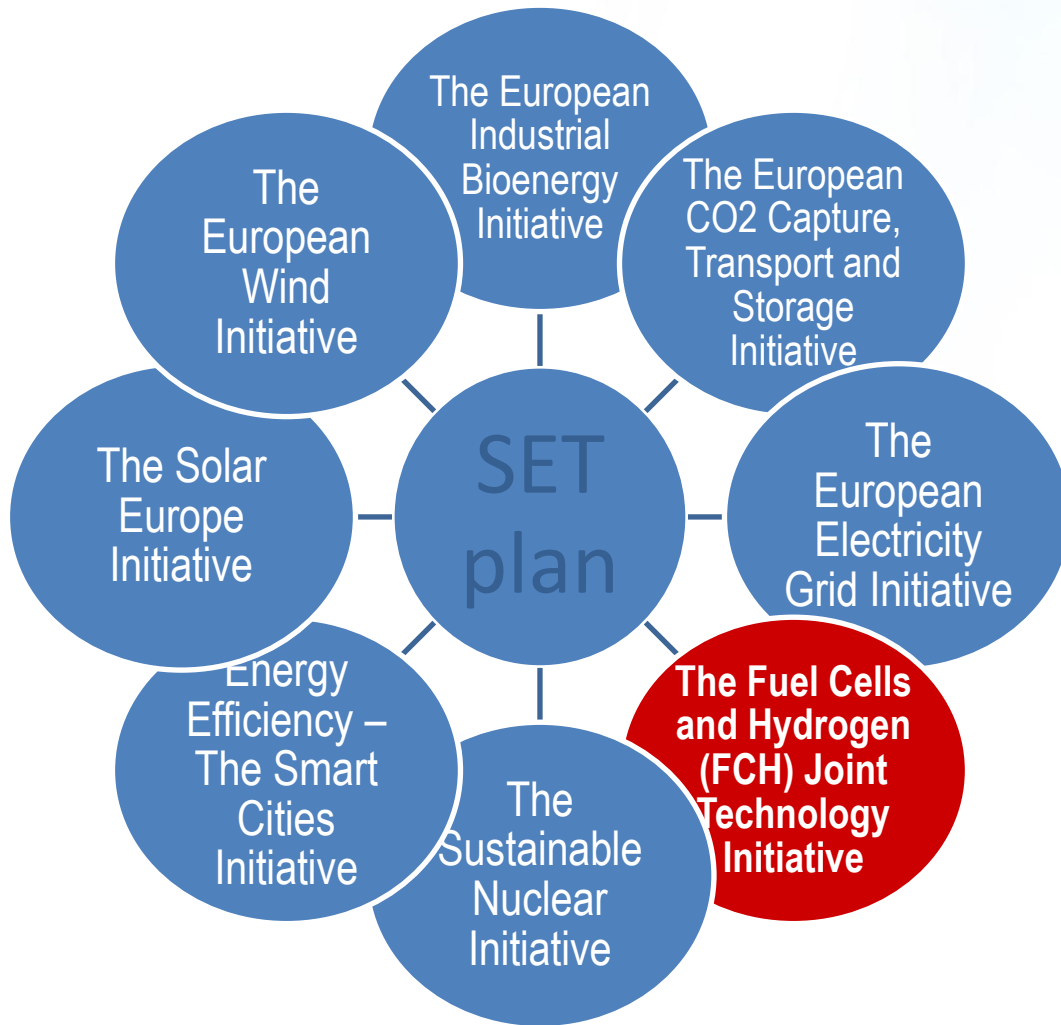
To

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

The European Strategic Energy Technology-Plan (SET-Plan)



Joint Technology Initiative → Joint Undertaking

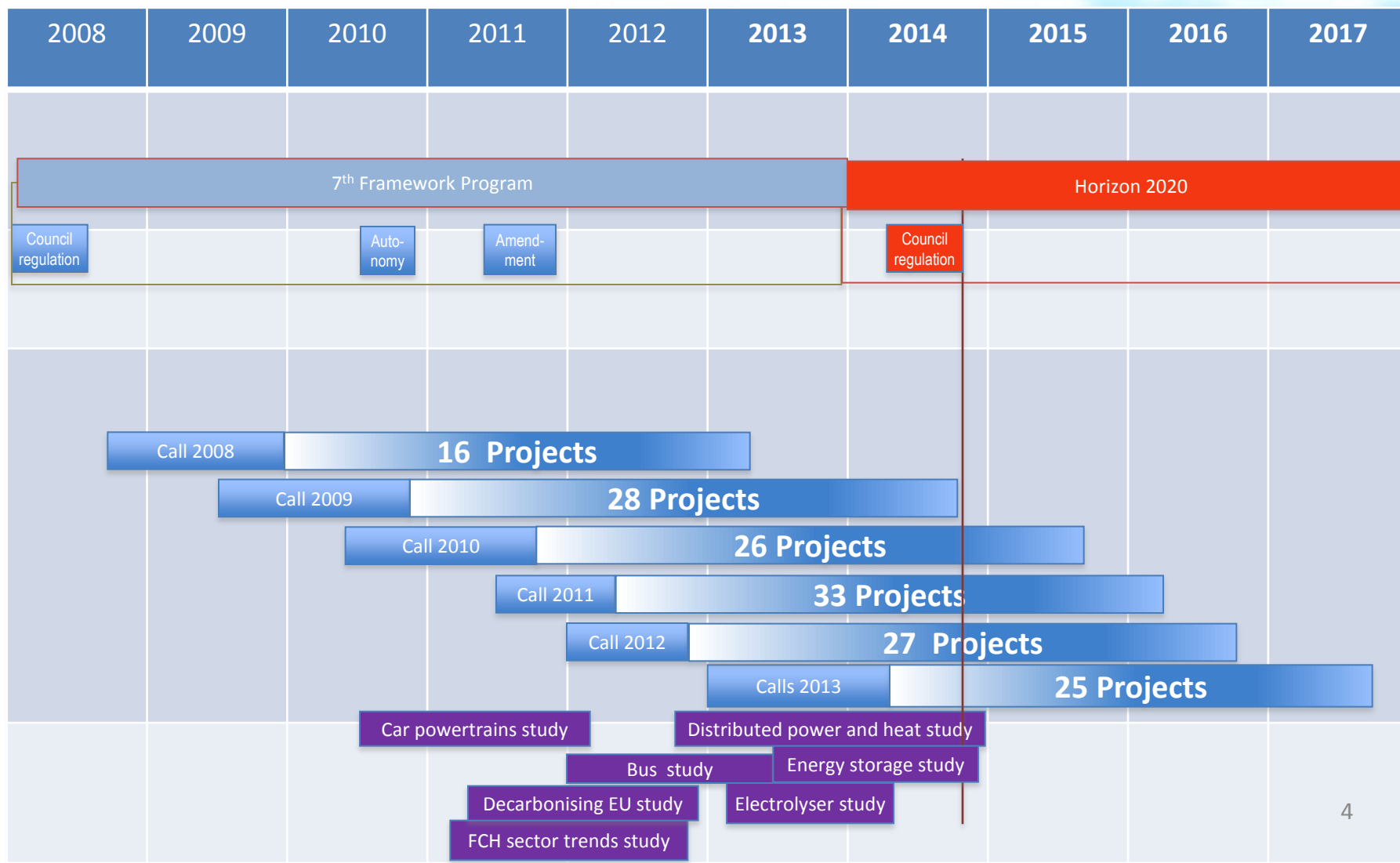
Council Regulations:

521/2008 of 30 May 2008 **(FP7)**

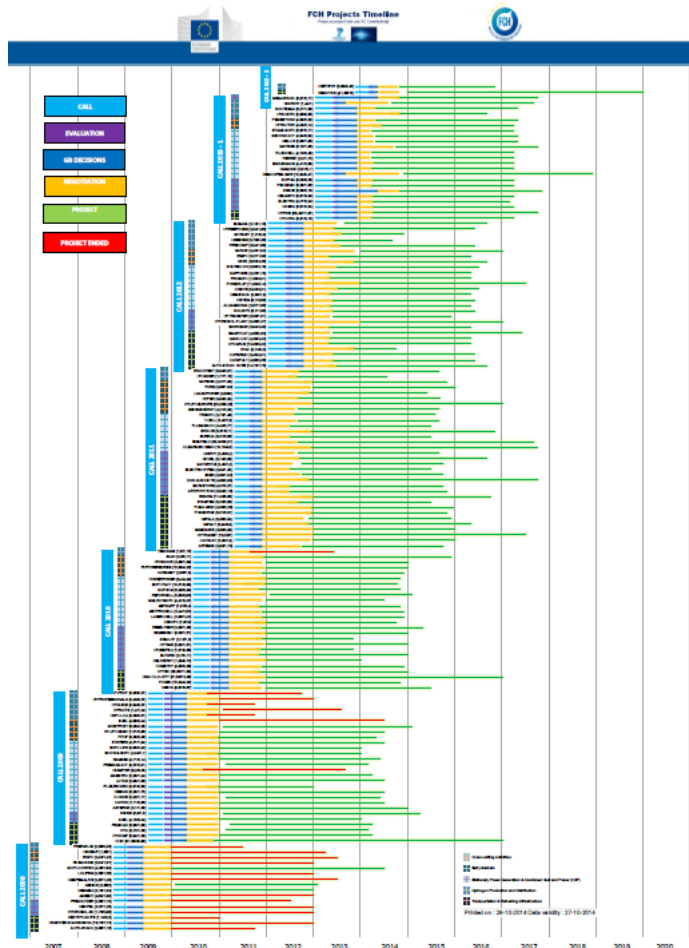
1183/2011 of 14 November 2011

559/2014 of 6 May 2014 **(H2020)**

155 Projects and 7 Studies under FP7

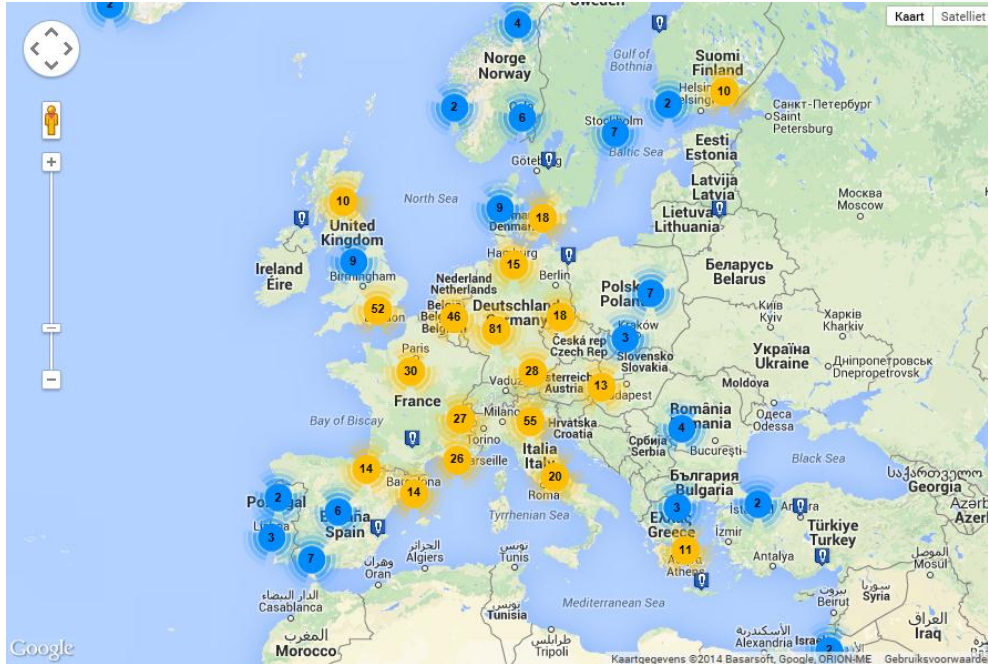


FP7 Projects



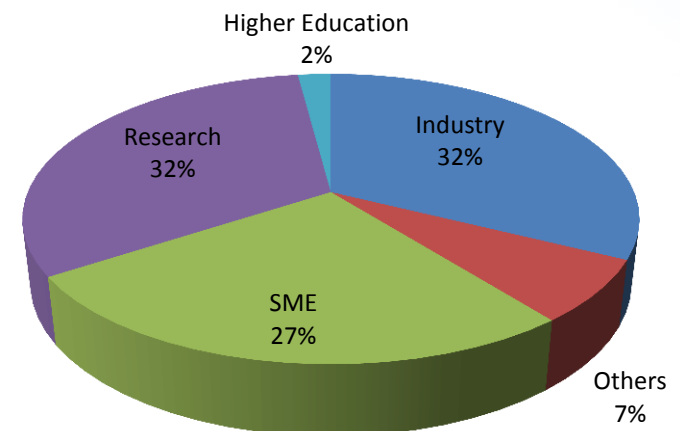
- **155** projects
- **5** projects suspended or terminated by the FCH JU (<4%)
- **42** projects with final report (<28%) among which 21 projects with final payment (<14%)
- **43** projects at mid-term stage (<28%)

To build a strong FCH community in Europe



- 1266 Participants
- 545 Beneficiaries:
 - 192 Industries (35%)
 - 154 SMEs (28%)
 - 149 Research Organizations (27%)
 - 20 High Education Institutions (4%)
 - 30 Others (6%)

Funding of beneficiaries categories

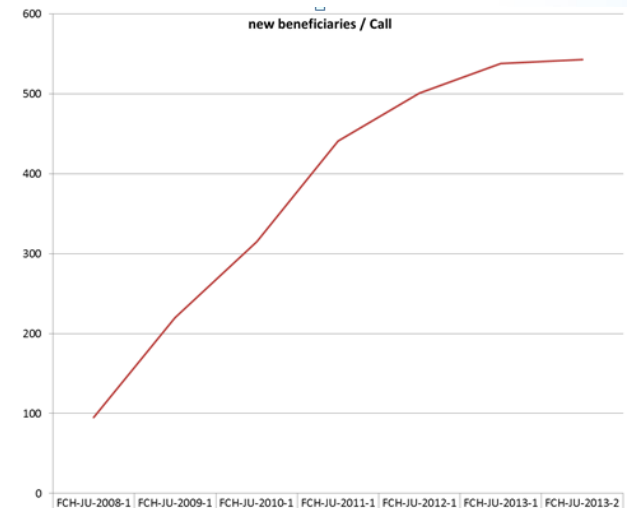


To increase the interest in FCH technologies in the 28 EU Member States



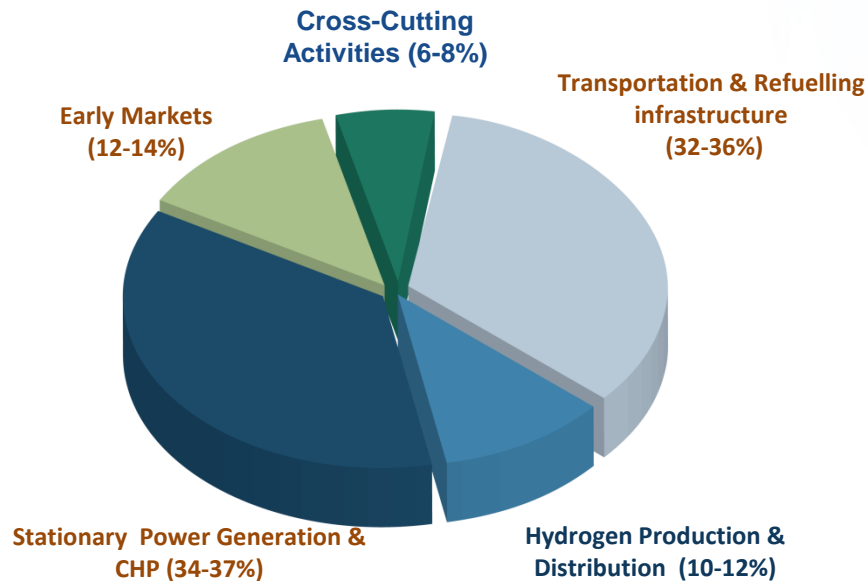
Non EU MS beneficiaries:
CH, NO, IL, TR, IS, RS, CN, RU US

- 22 Member States represented
- Missing:
 - Ireland
 - Latvia
 - Slovakia
 - Malta
 - Cyprus
 - Luxemburg

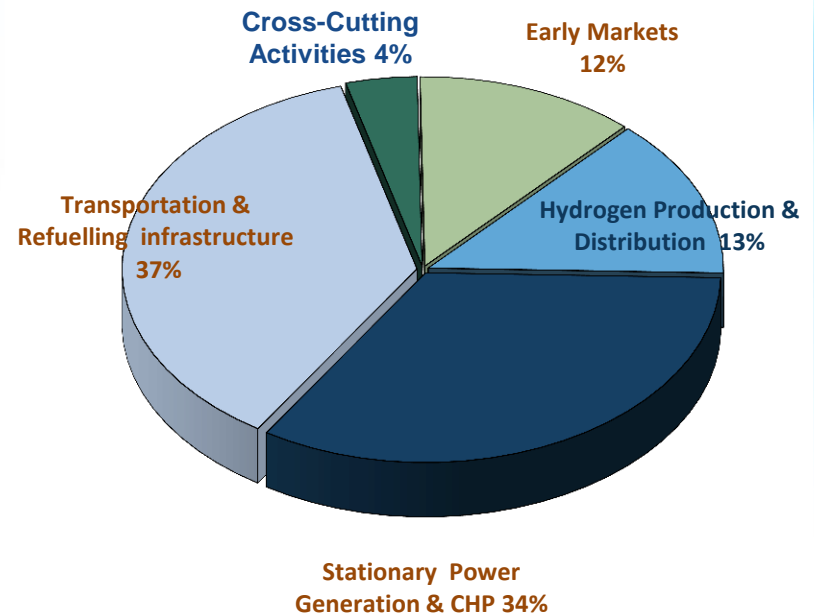


To support the Activity Areas according to MAIP targets

**MAIP targets
by Application Area**



**Funding
by Application Area**



In the next presentations the budget distribution will be performed according to the pillars defined in the MAWP

Program Day 1: 10/11/2014

14:00 – 14:15 Opening & Welcome Address

Jean Luc Delplancke, Head of FCH JU Programme Unit

14:15 – 15:00 Introduction to portfolio of Technology Demonstration projects

Energy Mirela Atanasiu
Transport Enrique Giron
Question and Answer Session

15:00 – 15:30 Coffee Break & Networking

15:30 – 18:20 Parallel Sessions on Technology Demonstration projects

	PANEL 1 Transport: Demonstration (light-duty vehicles, buses, APU for trucks and material-handling vehicles) Moderators: Enrique Giron, Andreas Dorda	PANEL 3 Energy: Demonstration (micro-CHP, back-up power and electrolyzers) Moderators: Mirela Atanasiu, Hans Aage Hjuler
15:30-16:00	Bus study – Carlos Navas	ELYGRID
16:00-16:30	DESTA	ENE.FIELD
16:30-17:00	HIGH V.LO-CITY	POWER-UP
17:00-17:30	HYFIVE	SOFCOM
17:30-18:00	HYLIFT DEMO/HYLIFT EUROPE	SOFT-PACT
18:00-18:20	PURE	Distributed Generation Study – Mirela Atanasiu

18:20 – 19:15 Poster Session (Posters of panels 1 and 3 manned)

19:15 – 21:00 Networking Dinner

Program Day 2: 11/11/2014 morning session

08:30 – 09:00 Registration

09:00 – 09:45 Introduction to portfolio of System, Component and Materials Development projects

**Energy
Transport** Mirela Atanasiu
Carlos Navas
Question and Answer Session

09:45 – 10:15 Coffee Break & Networking

10:15 – 12:15 Parallel Sessions on Systems, Components and Materials Development projects

PANEL 2
Transport: Research, Technology and Development
Moderators: Carlos Navas, Lars Sjunnesson

PANEL 4
Energy: Research, Technology and Development on Fuel Cells
Moderators: Mirela Atanasiu, Alan Atkinson

10:15-10:45 **ARTEMIS**

ALKAMMONIA/LASER-CELL

10:45-11:15 **HYCOMP**

MMLRC=SOFC/SCORED 2:0

11:15-11:45 **PEMICAN**

PREMIUM ACT/SECOND ACT

11:45-12:15 **STAMPEM**

STAYERS

12:15 – 13:00 Lunch

13:00 – 13:50 Poster Session (posters of panels 2 and 4 manned)

Program Day 2: 11/11/2014 afternoon session

13:50 – 14:10 Introduction to portfolio of Hydrogen Production, Distribution and Storage projects

Hydrogen production, distribution and storage

Nikos Lymberopoulos
Question and Answer Session

14:10 – 16:00 Session on Hydrogen Production, Distribution and Storage

PANEL 5

Energy: Hydrogen Production, Distribution and Storage

Moderators: Nikos Lymberopoulos, Eden Mamut

14:10-14:40

BOR4STORE

14:40-15:10

ELECTROHYPEM

15:10-15:40

UNIFY

15:40-16:00

Storage Study – Nikos Lymberopoulos

16:00 – 16:30 Coffee break & Networking

16:30 – 16:50 Introduction to portfolio of Cross-Cutting projects

Cross cutting

Vasco Ferreira
Question and Answer Session

16:50 – 18:40 Session on Cross-Cutting projects

PANEL 6

Cross-cutting

Moderators: Vasco Ferreira, Jonathan Lewis

16:50-17:20

H2SENSE

17:20-17:50

H2TRUST

17:50-18:20

MATHRYCE

18:20-18:40

Financing Study – Nicolas Brahy

18:40 – 18:50 Event Key Messages and Closure

Bert De Colvenaer, FCH JU Executive Director

18:50 – 19:30 Poster Session (posters of panels 5 and 6 manned)

19:30 – 21:00 Cocktail Dinner

Thank you for your attention

Enjoy your stay

Do not hesitate to contact project coordinators and members of the FCH JU

For coordinators of finished projects and for SC members do not forget to sign the attendance list