



Brussels, 20 March 2013  
FCH JU 2013 D1520

## NOTE TO THE GOVERNING BOARD OF THE FCH JU

### Subject: Negotiation results - Selection decision for Call FCH-JU-2012-1

The fifth Call for Proposals (FCH-JU-2012-1) of the Fuel Cell and Hydrogen Joint Undertaking (FCH JU) was published in the Official Journal of the European Union on 17 January 2012<sup>1</sup> and closed on 24 May 2012.

The indicative budget for the Call is 77,500,000 € to which will be added the EFTA contributions and the reactivated appropriations for an amount of 2,289,344 €. The total budget is 79,789,344 € as presented to the Governing Board on 11 October 2012.

The Council Regulation (EC) 521/2008<sup>2</sup> provides in its Article 5.2 (n) of its statutes that the Governing Board is "to approve the list of project proposals selected for funding".

On 11 October 2012 you approved the list of proposals with which negotiations were to open and the reserve lists for each application area. The negotiations for the 27 proposals in the main list and 1 proposal from the reserve lists started on 17 October 2012.

The negotiations on the **first batch** of the projects were finalised on 18 March 2013 (12 projects). This first batch of projects and the results of their negotiations are presented in the Annex hereunder.

Following Article 6.5 (h) of the statutes of the Regulation (EC) 521/2008, I hereby submit for the approval of the Governing Board the list of Grant Agreements to be concluded and kindly ask for your approval within the given deadline for response

Yours sincerely

Bert de Colvenaer  
FCH JU Executive Director

Annex: FCH JU 2012 call closed negotiation proposals list – first batch

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<sup>1</sup> OJ C014 of 17/01/2012

<sup>2</sup> Council Regulation (EC) No 521/2008 of 30 May 2008 setting up the Fuel Cells and Hydrogen Joint Undertaking

**Annex: FCH-JU-2012 call for proposals funding lists – 1<sup>st</sup> batch (12 proposals)**

**Area: Transportation & Refuelling Infrastructure**

Coordinator		Proposal				Financial details				
Organisation	Nationality	Number	Funding scheme	Duration (months)	Acronym	Title	Total eligible costs after negotiation €	Requested in the proposal	Stated in the Negotiation Mandate	Requested after negotiation
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	FR	325330	CP	36	COPERNIC	COst & PERformaNces Improvement for Cgh2 composite tanks	3,445,217.60	2,386,665.00	2,005,424.00	2,005,396.00
UNIVERSITE MONPELLIER II SCIENCES ET TECHNIQUES	FR	325268	CP	36	CATAPULT	novel CATALYST structures employing Pt at Ultra Low and zero loadings for auTomotive MEAs	4,679,599.20	2,670,604.00	2,255,690.00	2,255,690.00
Zodiac Cabin Controls GmbH	DE	325342	CP	36	HYCARUS	HYdrogen cells for AiRborne Usage	10,057,617.70	6,151,241.00	5,219,265.00	5,219,265.00
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	FR	325327	CP	48	SMARTCat	Systematic, Material-oriented Approach using Rational design to develop break-Through Catalysts for commercial automotive PEMFC stacks	4,963,497.80	3,248,705.00	2,735,175.00	2,634,701.00
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	FR	325239	CP	36	Nano-CAT	Development of advanced catalysts for PEMFC automotive applications	4,394,330.00	2,806,349.00	2,430,789.00	2,418,439.00
<b>Sub-total</b>							<b>27,540,262.30</b>	<b>17,263,564.00</b>	<b>14,646,343.00</b>	<b>14,533,491.00</b>

**Area: Hydrogen Production & Distribution**

Coordinator		Proposal					Financial details			
Organisation	Nationality	Number	Funding scheme	Duration (months)	Acronym	Title	Total eligible costs after negotiation €	Requested in the proposal	State in the Negotiation Mandate	Requested after negotiation
POLITECNICO DI TORINO	IT	325383	CP	36	BioRobur	Biogas robust processing with combined catalytic reformer and trap	3,909,726.40	2,952,574.00	2,486,181.00	2,486,180.00
ENGINSOFT SPA	IT	325320	CP	36	SOL2HY2	Solar To Hydrogen Hybrid Cycles	3,701,300.20	2,239,005.00	1,991,720.00	1,991,115.00
<b>Sub-total</b>							<b>7,611,026.60</b>	<b>5,191,579.00</b>	<b>4,477,901.00</b>	<b>4,477,295.00</b>

**Area: Stationary Power Generation & CHP**

Coordinator		Proposal				Financial details				
Organisation	Nationality	Number	Funding scheme	Duration (months)	Acronym	Title	Total eligible costs after negotiation €	Requested in the proposal	Stated in the Negotiation Mandate	Requested after negotiation
AFC ENERGY PLC	UK	325343	CP	36	ALKAMMONIA	ALKAMMONIA: Ammonia-fuelled alkaline fuel cells for remote power applications.	2,870,896.20	2,336,283.00	1,962,548.00	1,962,548.00
AVL LIST GMBH	DE	325278	CP	36	PROSOFC	Production and Reliability Oriented SOFC Cell and Stack Design	7,359,054.20	3,554,744.00	3,011,029.00	3,011,000.00
STIFTELSEN SINTEF	NO	325275	CP	36	Sapphire	System Automation of PEMFCs with Prognostics and Health management for Improved Reliability and Economy	3,226,420.00	2,183,325.00	1,745,700.00	1,745,140.60
Foundation for Research and Technology Hellas	GR	325368	CP	36	DeMStack	Understanding the Degradation Mechanisms of a High Temperature PEMFC Stack and Optimization of the Individual Components	2,576,615.00	1,777,249.00	1,495,700.00	1,495,680.00
EWE-Forschungszentrum für Energietechnologie e. V.	DE	325262	CP	36	CISTEM	Construction of Improved HT-PEM MEAs and Stacks for Long Term Stable Modular CHP Units	6,097,180.00	4,503,761.00	3,989,754.00	3,989,723.00
<b>Sub-total</b>							<b>22,130,165.40</b>	<b>14,355,362.00</b>	<b>12,204,731.00</b>	<b>12,204,091.60</b>

**Area: Early Markets**

N/A

**Area: Cross-cutting Issues**

N/A

TOTAL 1st batch	57,281,454.30	36,810,505.00	31,328,975.00	31,214,877.60
TOTAL call 2012	57,281,454.30	36,810,505.00	31,328,975.00	31,214,877.60

