

Document FCH JU 2009.007

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Adopted by the FCH JU Governing Board on 15 May 2009



**Fuel Cells and Hydrogen Joint Undertaking  
(FCH JU)  
Annual Activity Report 2008**

*Adopted by the FCH JU Governing Board on 15 May 2009*

# FCH JU Activity Report 2008

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## **EXECUTIVE SUMMARY**

The Council Regulation<sup>1</sup> establishing the Fuel Cells and Hydrogen Joint Undertaking (FCH JU) was adopted by the Council of the European Union on 30 May 2008. The Regulation was published in the Official Journal on 12 June 2008 and came into force three days later.

The founding members of the FCH JU are the European Community, represented by the European Commission (EC) and the European Industry Grouping for a Fuel Cell and Hydrogen Joint Technology Initiative (NEW-IG) Aisbl (hereinafter referred to as "the IG"), a non-profit organisation under Belgian law representing industries in the field of fuel cells and hydrogen. The New European Research Grouping (N.ERGHY) Aisbl (hereinafter referred to as "the RG"), representing the research community, became the third member of the JU by a decision of the FCH JU Governing Board on 14 July 2008.

In accordance with Article 16 of the regulation, the European Commission (EC) is responsible for the establishment and the initial operations of the FCH JU. The Commission has been supported during 2008 by an FP7 Coordination and Support Action, "FCHInStruct", to which the IG contributes 50% of the costs.

The FCH JU carried out two main types of activities in 2008: administrative and operational. Administrative activities consisted principally of fulfilling the legal requirements related to setting up the FCH JU, as prescribed in the FCH JU Regulation, and preparing for the autonomy of the FCH JU. The main operational objective was the launching of the first Call for proposals for 2008.

All bodies of the FCH JU foreseen in the Regulation have been set up during 2008 apart from the Scientific Committee, which will be established in the first quarter of 2009. The executive bodies of the FCH JU are the Governing Board and the Executive Director who is supported by the Programme Office. The advisory bodies are the Scientific Committee, the States Representatives Group and the Stakeholders General Assembly.

The Governing Board of the FCH JU held its first meeting on 14 July 2008. Mr Gijs van Breda Vriesman (Shell Downstream Services International B.V.), Chair of the IG, was elected Chair whereas Mr Zoran Stančić (Deputy-Director General, DG RTD, EC) was elected Vice-Chair. The second Governing Board meeting was held on 26 September 2008.

Mr Philippe Vannson was appointed as Interim Executive Director by the Commission on 18 November 2008 to fulfil the functions of the Executive Director until he/she takes up his/her duties. Until then, the responsibility for the implementation of the FCH JTI lies with the DG RTD Unit K2, headed by Mr Wiktor Raldow. The interim Executive Director has been

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<sup>1</sup> Council Regulation (EC) No 521/2008 of 30 May 2008 setting up the Fuel Cells and Hydrogen Joint Undertaking; O.J. L 153, 12.6.2008, p.1

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supported by staff from the EC and from the FCHInStruct project throughout the year. The publication of the vacancy notice for the Executive Director is foreseen in the first half of 2009.

The first Stakeholders General Assembly was held in Brussels on 13-15 October 2008 and constituted the public launch event of the FCH JU, with some 560 participants in attendance.

The FCH JU States Representatives Group (SRG) was also set up during 2008. This group is composed of one representative from each Member State and from the countries associated to FP7. The SRG held its first meeting on 16 December 2008.

As regards the Scientific Committee, the Governing Board adopted the criteria and procedure for the selection of members on 22 December 2008 and the selection of members is scheduled for the first quarter of 2009.

In addition to the establishment of the FCH JU bodies, preparations for autonomy have been advanced, notably by the adoption of the Financial Rules and by preparations for support functions and staff recruitment.

On the operational side, the main activity was the preparation of the first Call for proposals of the FCH JU. The call documents – Rules for Applicants and Rules for Submission of Proposals and the Related Evaluation, Selection and Award Procedures – were adopted by the Governing Board on 26 September 2008. The Annual Implementation Plan, setting out the topics for the call, was adopted on 6 October 2008.

The first FCH JU Call for proposals was launched on 8 October 2008<sup>2</sup>, with a deadline for receipt of project proposals fixed for 15 January 2009. The maximum FCH JU financial contribution to the call is € 28,771,590<sup>3</sup> and its topics cover all the five application areas prescribed in the Annual Implementation Plan 2008.

## **1. INTRODUCTION**

Fuel cells, as an efficient conversion technology, and hydrogen, as a clean energy carrier, have great potential for contributing to addressing the energy challenges facing Europe. They can be employed in a range of applications from transport to stationary and portable power generation. Fuel cell and hydrogen (FCH) energy technologies thus hold considerable socio-economic benefits for Europe's citizens. They will help to combat climate change by reducing carbon dioxide emissions, reduce Europe's dependence on primarily imported hydrocarbons and contribute to economic growth.

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<sup>2</sup> Call publication at

[http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call\\_id=172](http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=172)

<sup>3</sup> Including European Free Trade Area (EFTA) contributions 2.4% from countries associated to the 7<sup>th</sup> Framework Programme.

The Fuel Cells and Hydrogen Joint Technology Initiative (FCH JTI) is a unique public-private partnership supporting research, technological development and demonstration (RTD) activities in fuel cell and hydrogen energy technologies in Europe.<sup>4</sup> Its aim is to accelerate the market introduction of these technologies thereby realising their potential to help create a carbon-lean energy system.

FCH JTI brings together businesses representing the entire supply chain for FCH technologies, the European Commission and research institutions. A coordinated approach is proposed in order to pull together resources and coordinate the RTD efforts of different stakeholders in order to identify and overcome technical and non-technical barriers to market-introduction of FCH technologies. In order to meet the objective of market deployment, industry plays a leading role in defining RTD priorities and timelines, in consultation with the European Commission and the research community.

To implement the JTI, the founding members, the European Commission (EC) and the IG, agreed to set up a Joint Undertaking (JU) as a legal entity for the period up to 2017, which the RG joined as a third member as of 14 July 2008.

The objective of the Fuel Cells and Hydrogen Joint Undertaking (FCH JU) will be achieved through the support of research activities that pool resources from the public and private sectors, through open and competitive calls for proposals. Calls for proposals will be organised annually during the period 2008 to 2013 and during the period 2014 to 2017 the projects that are still running will be brought to conclusion.

The Council Regulation<sup>5</sup> setting up the FCH JU was adopted on 30 May 2008 and was published in the Official Journal of the European Union on 12 June 2008. The Statutes of the FCH JU are an integral part of the Council Regulation.

Until the FCH JU has its full operational capacity to implement its own budget (financial and operational autonomy planned Q1, 2010), the EC shall be responsible for the establishment and initial operation of the FCH JU in collaboration with its other Members and with the involvement of the competent bodies, in accordance with Article 16 of the Council Regulation.

The present Annual Activity Report (AAR) describes the status of the execution of the activities of the FCH JU performed during the year 2008, including actions carried out to establish the FCH JU, to start its operations and to implement the 2008 Call for proposals.

The Annual Activity Report 2008 shall be presented by the Interim Executive Director to the Governing Board of the FCH JU for approval.

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<sup>4</sup> Europe in this context means Member States and countries associated to the 7<sup>th</sup> Framework Programme (FP7) i.e. Switzerland, Israel, Norway, Iceland, Liechtenstein, Turkey, Croatia, the Former Yugoslav Republic of Macedonia, Serbia, Albania and Montenegro.

<sup>5</sup> Council Regulation (EC) No 521/2008 of 30 May 2008 setting up the Fuel Cells and Hydrogen Joint Undertaking; O.J. L 153, 12.6.2008, p.1

### **3. KEY OBJECTIVES 2008**

The key objectives for 2008 were to set up the governance of the FCH JU and to start its operations including the launch of its first Call for proposals. Both these key objectives were met.

### **4. FCH JU GOVERNANCE**

The FCH JU is composed of two executive bodies: the Governing Board and the Executive Director (supported by the Programme Office). The advisory bodies of the FCH JU are the Scientific Committee, the FCH JU States Representatives Group and the Stakeholders General Assembly.

The priority for 2008 was to set up these bodies and advisory groups.

#### **4.1 Governing Board**

The FCH JU Governing Board was established on 14 July 2008 at its first meeting when, *inter alia*, its Rules of Procedure were adopted. The Board had one further meeting during 2008, on 26 September.

The Governing Board includes six representatives of the IG, five representatives of the EC and one representative of the RG. Mr Gijs van Breda Vriesman (Shell Downstream Services International B.V.), Chair of the IG, was elected Chair whereas Mr Zoran Stančič, Deputy-Director General, DG RTD, EC was elected Vice-Chair.

Other members nominated to the Board were:

From the IG:

Mr Agustin Escardino Malva, NTDA Energia  
Mr Herbert Kohler, Daimler  
Mr Jonathan Lewis, Rolls-Royce Fuel Cell System Ltd  
Mr Alberto Ravagni, SOFCPower  
Mr Herbert Wancura, ALPPS Fuel Cell Systems GmbH

From the EC:

Mr Zoran Stančič, Deputy-Director General, DG RTD, Deputy Chairman  
Mr Fabrizio Barbaso, Deputy-Director General, DG TREN  
Mr Raffaele Liberali, Director, DG RTD.K, Energy  
Ms Anne Houtman, Director, DG TREN A, Internal Market and Sustainable Development  
Mr Franco Biscontin, Director, DG RTD R, Resources

From the RG:

Mr. Paul Lucchese, Chairman of the RG, CEA

At the first meeting of 14 July the EC had a sixth representative on the Governing Board, Mr Wiktor Raldow, Head of Unit, DG RTD K2. When the RG became a Member by decision of the Board at the same meeting, he ceded his place to Mr Lucchese.

A change was made during the year when Mr Escardino Malva stepped down and Mr Mikael Sloth (H2 Logic A/S) was nominated in his place from the IG to represent SMEs.

Decisions by the Governing Board during 2008 included:

Adoption of

- The FCH JU Annual Implementation Plan 2008 and the corresponding budget;
- The Staff Establishment Plan 2008;
- The FCH JU Financial Rules;
- Rules for submission of proposals, and the related evaluation, selection and award procedures;
- Guide for Applicants;
- The Specific Criteria and Selection Process for the Composition of the Scientific Committee.

Decisions, initially foreseen for 2008, that will be taken during the first quarter of 2009 include the adoption of the Framework Agreement between the European Community and the FCH JU for the Provision of Services by the Joint Research Centre to the FCH JU; the appointment of members to the Scientific Committee; the adoption of the FCH JU model Grant Agreement; the adoption of the Multi-Annual Implementation Plan and the Annual Implementation Plan 2009.

## **4.2 Executive Director**

The Executive Director is the legal representative and the chief executive for the day-to-day management of the FCH JU, in accordance with the decisions of the Governing Board, in line with Article 6 of the FCH JU Statutes.

The recruitment of the Executive Director will be initiated in the first half of 2009 and is expected to be finalised by the end of the same year.

Mr Philippe Vannson was appointed as Interim Executive Director by the Commission<sup>6</sup> on 18 November 2008 to fulfil the functions of the Executive Director until he/she takes up his/her duties. Until then, the responsibility for the implementation of the FCH JTI lay with the DG RTD Unit K.2, headed by Mr Wiktor Raldow.

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<sup>6</sup> FCH JU Council Regulation Article 16

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The Interim Executive Director is supported by a small unit of staff from the European Commission. This unit has also been supported during 2008 by the "FCHInStruct" project, an FP7 Coordination and Support Action, to which the IG contributes 50% of the costs. The bridging action is due to end on 28 February 2009.

The recruitment of all FCH JU staff is foreseen to be launched in the first half of 2009 and finalised by the end of the same year. The first staff members are foreseen to be in place in Q4, 2009.

### **4.3 Scientific Committee**

In accordance with Article 8 of the FCH JU Statutes, the Governing Board adopted the Specific Criteria and Selection Process for the Composition of the Scientific Committee on 22 December 2008. The Governing Board in particular invited the FCH JU States Representatives Group to propose candidates. The Scientific Committee shall have the scientific competences, experience and expertise to cover all the technical domains and sectors necessary to make strategic science-based recommendations regarding the activities of the FCH JU.

The appointment by the Governing Board of the members to the Scientific Committee is foreseen during the first quarter of 2009.

### **4.4 States Representatives Group**

The FCH JU States Representatives Group<sup>7</sup> (SRG) is an external advisory body to the FCH JU Governing Board. It acts as an interface between the FCH JU and the relevant stakeholders within the respective countries. The SRG includes one representative from each Member State and from each country associated to the 7<sup>th</sup> Framework programme<sup>8</sup>.

The SRG held its first meeting on 16 December 2008. The procedure for adopting the Rules of Procedure and for electing a Chair and a Vice-Chair for the SRG was initiated at this meeting and is foreseen to be finalised at the second meeting of the SRG, scheduled for March 2009.

### **4.5 Stakeholders General Assembly**

The Stakeholders General Assembly<sup>9</sup> is an external advisory body to the FCH JU. It is to be organised annually as a meeting open to all public and private stakeholders. The objective is to inform stakeholders about the FCH JU activities and invite them to provide comments.

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<sup>7</sup> Article 9 of the FCH JU Statutes

<sup>8</sup> Albania, Croatia, Former Yugoslav Republic of Macedonia, Iceland, Israel, Liechtenstein, Montenegro, Norway, Serbia, Switzerland, Turkey

<sup>9</sup> Article 10 of the FCH JU Statutes



The first Stakeholders General Assembly was held in Brussels on 13-15 October 2008 and constituted the official public launch event of the FCH JU. The 10<sup>th</sup> IPHE Steering Committee Meeting was organised by the Commission in Brussels in parallel, providing an occasion to introduce the FCH JU to stakeholders globally.

The event was attended by 513 registered participants with an additional 50 participants from the IPHE. The majority of the participants represented industry, followed by the research community, Member States and regions. The programme featured 50 speakers from Europe, Japan and the US.

Feedback on the FCH JU implementation and the event itself was gathered from participants and will be taken into consideration in the planning for 2009.

## **5. RESEARCH ACTIVITIES**

The FCH JU shall support long-term and breakthrough-orientated research, research and technological development, as well as demonstration and support actions, including pre-normative research, following open and competitive calls for project proposals, independent evaluation, and the conclusion of Consortium Agreements and Grant Agreements.

### **5.1 FCH JU Multi-Annual Implementation Plan**

The research agenda has been developed during 2008 by industry-led working groups, divided into four main application areas (AA): Transport & Refuelling Infrastructure; Hydrogen Production & Distribution; Stationary Power Generation & Combined Heat & Power (CHP); and Early Markets. Cross-cutting activities have been established as a fifth area in order to emphasise their relevance and provide programme level coordination. These include Regulations Codes and Standards (RCS), Pre-Normative Research (PNR), socio-economic research, technology and life-cycle assessments, market support (particularly for SMEs), public awareness and education. Important interfaces and synergies are expected between all these areas, drawing mutual benefit from each other's results.

The research agenda outlining the research activities that shall be supported by the FCH JU will be set out in the Multi-Annual Implementation Plan (MAIP) of the FCH JU. The drafting of the MAIP has advanced during 2008 and its adoption by the Governing Board is foreseen in May 2009.

The MAIP is foreseen to be a living document, revised and updated regularly to respond to technological and market developments, when deemed appropriate by the Governing Board.

The MAIP will be translated into annual research priorities each year in an Annual Implementation Plan (AIP), which will set out the topics for the call for proposals.

## **5.2 FCH JU Scientific Priorities 2008 and 2009**

The RTD Priorities and Objectives included in the 2008 Annual Implementation Plan (AIP) served as the basis for the topics included in the first Call for proposals.

The topics in the 2008 Call cover all of the five application areas defined in the AIP 2008: Transport & Refuelling Infrastructure; Hydrogen Production & Distribution; Stationary Power Generation & Combined Heat & Power (CHP); Early Markets; and Cross-Cutting Activities. See chapter 6.1 for a complete list of topics.

The RTD Priorities for 2008, as well as the topics for the call, were initially formulated by the Application Area Working Groups led by representatives of the member companies of the IG. They were further elaborated in consultations with the relevant Commission services and the RG. From 2009 the RTD Priorities and call topics will also be put forward for consultation of the Scientific Committee and the FCH JU States Representatives Group. The opinion of the regions, represented by HyRaMP, may also be sought in informal consultations.

The process of establishing the RTD Priorities and call topics for 2009 to be included in the AIP 2009 was initiated during 2008 by the Application Area Working Groups, together with the Commission and the RG. In considering the topics, account will be taken of the response to the first call, closing on 15 January 2008. The RTD priorities and the topics will be put forward for consultation of the Scientific Committee and the States Representatives Group during the first quarter of 2009. Adoption by the Governing Board is foreseen in May 2009.

## **6. CALLS FOR PROPOSALS**

The FCH JU launched its first Call for proposals<sup>10</sup> on 8 October 2008 using a single-stage call and evaluation process, which will be finalised during 2009.

### **6.1 The First call for proposals**

The first Call for proposals was published on 8 October 2008, consisting of 15 Topics based on the 2008 RTD Priorities and covering all five application areas described in the AIP 2008. Please see Table 1 below for a complete list of topics and the planned budget distribution.

The closing date for the call is 15 January 2009, with evaluations scheduled for February 2009. The maximum FCH JU financial contribution to the first Call was € 28,771,590.<sup>11</sup>

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<sup>10</sup> Call publication at

[http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call\\_id=172](http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=172)

<sup>11</sup> Including European Free Trade Area (EFTA) contributions 2.4% from countries associated to the 7<sup>th</sup> Framework Programme.

The call process is managed under the responsibility of the Interim Executive Director based on the principles of excellence, transparency, fairness and impartiality, confidentiality, efficiency, speed and ethical considerations. He is supported by European Commission staff.

Table 1: Topics called for the 2008 Call for proposals

<b>Area/ Topics called</b>	<b>Funding Schemes</b>	<b>Indicative FCH JU Funding Mill. €</b>
<b>Area SP1-JTI-FCH.1: Transportation &amp; Refuelling Infrastructure</b>		<b>8.9</b>
SP1-JTI-FCH.1.1 Demonstration of hydrogen fuelled road vehicles and refuelling infrastructure	Collaborative Project	
SP1-JTI-FCH.1.2 Preparation for large-scale vehicle demonstrations in Europe	Coordination and Support Actions (Supporting Action)	
SP1-JTI-FCH.1.3 European fuel cell stack cluster	Coordination and Support Actions (Supporting Action)	
SP1-JTI-FCH.1.4 Compressed hydrogen onboard storage	Collaborative Project	
<b>Area SP1-JTI-FCH.2: Hydrogen Production &amp; Distribution</b>		<b>2.9</b>
SP1-JTI-FCH.2.1 Efficient PEM electrolyzers	Collaborative Project	
SP1-JTI-FCH.2.2 Efficient alkaline electrolyzers	Collaborative Project	
SP1-JTI-FCH.2.3 Water decomposition with solar heat sources	Collaborative Project	
<b>Area SP1-JTI-FCH.3: Stationary Power Generation &amp; CHP</b>		<b>12.0</b>
SP1-JTI-FCH.3.1 Operation diagnostics and control for stationary applications	Collaborative Project	
SP1-JTI-FCH.3.2 Component and system improvement for stationary applications	Collaborative Project	
SP1-JTI-FCH.3.3 Degradation and lifetime fundamentals	Collaborative Project	
<b>Area SP1-JTI-FCH.4: Early Markets</b>		<b>2.6</b>
SP1-JTI-FCH.4.1 Portable generators, backup and UPS power systems	Collaborative Project	

Area/ Topics called	Funding Schemes	Indicative FCH JU Funding Mill. €
SP1-JTI-FCH.4.2 Fuel supply technology for portable and micro Fuel Cells	Collaborative Project	
<b>Area SP1-JTI-FCH.5: Cross-cutting Issues</b>		<b>1.7</b>
SP1-JTI-FCH.5.1 Planning of socio-economic activities	Coordination and Support Actions (Supporting Action)	
SP1-JTI-FCH.5.2 Technology monitoring and assessment (TMA)	Coordination and Support Actions (Supporting Action)	
SP1-JTI-FCH.5.3 Life Cycle Assessment (LCA)	Coordination and Support Actions (Supporting Action)	
<b>Total indicative FCH JU Funding</b>		<b>28.1</b>

The final budget awarded for this call, following the evaluation of projects, may vary by up to 10% of the total value of the call.

All budgetary figures given in this call are indicative. The repartition of the sub-budgets awarded within this call, following the evaluation of proposals, may vary by up to 10% of the total value of the call.

Calls for Proposals will be selective. There will be competition, based on quality and excellence, between proposals primarily, but not exclusively, within activity areas, which may result in some topics not being supported in a given call.

## 6. 2 Evaluation of the first stage of the first Call for Proposals

Evaluation of the first call for proposals is scheduled for February 2009. Evaluation will be carried out by independent experts. In addition, one independent observer will be invited to monitor the evaluation procedure, ensuring that it is carried out in a fair, impartial and confidential manner. The list of projects to be entered into negotiations will subsequently be put forward for approval of the Governing Board before negotiations are initiated.

## 7. COMMUNICATION ACTIVITIES 2008

The initial focus of the 2008 communication activities was on disseminating information on the establishment of the FCH JU, its objectives and functioning.

The development of a communication strategy including a long-term communication plan for the FCH JU was initiated during 2008.

Preparations for the FCH JU website were initiated in 2008 and the launch of the temporary website is foreseen in Q2, 2009.

The First Stakeholders General Assembly, organised in Brussels on 13-15 October 2008, constituted the launch event of the FCH JU and was the largest communication event for the FCH JU in 2008. See Chapter 4.5 for details.

The Stakeholders General Assembly also included a specific press conference with the Commissioner for Research, Mr Janez Potočnik; the Chairman of the FCH JU Governing Board, Mr Gijs van Breda Vriesman; Mr Herbert Kohler, member of the FCH JU Governing Board and Mr Paul Lucchese, Chairman of the Research Grouping and member of the FCH JU Governing Board.

Numerous presentations on the FCH JU have been held throughout Europe and around the world throughout 2008.

## **8. INTERNATIONAL COOPERATION**

Initial mapping of future cooperation was initiated in meetings with counterparties from some of the key partner countries, namely the US, China and Japan. FCH JU was presented at the EC-US Department of Energy meeting in October and modalities of future cooperation were identified.

The FCH JU was also represented in the EU-China (Ministry of Science and Technology) Energy Conference in November in Brussels, as well as at the EC-JARI (Japan Automobile Research Institute) Review meeting in November in Brussels.

The FCH JU was represented in these meetings by Mr Herbert Wancura, member of the Governing Board.

## **9. SUPPORT ACTIVITIES**

### **9.1. Preparatory actions**

The main task for 2008 was the preparatory actions necessary for the autonomy of the FCH JU. These actions included in particular the elaboration of the JU Financial Rules, preparations for setting up the FCH JU offices and drafting the FCH JU vacancy notices for publication.

### **9.2. Personnel**

The recruitment of 11 staff (Nine Temporary Agents and two Contractual Agents) was foreseen in the Staff Establishment Plan 2008. However, the publication of posts was postponed to the first quarter of 2009 due to the need for further negotiations to optimise job descriptions and their matching with grades and job categories.

14 vacancies are scheduled for publication in the first quarter of 2009 and a further 6 vacancies will follow, completing the staff of the FCH JU.

### **9.3 Building**

The seat of the FCH JU will be located in Brussels, Belgium. As a temporary solution the renting of office space in the Covent Garden building up to mid-2010 has been agreed; the preparation of a Service Level Agreement with the Research Executive Agency for the purpose is in progress. In parallel, a procedure is under preparation in order to find a building for the period June 2010 – 2017.

### **9.4. IT Support**

IT assisted accounting systems have been discussed during 2008 and a recommendation for the Commission system<sup>12</sup> has been proposed (and approved beginning 2009). Consultations for the specific needs of the FCH JU are in progress.

### **9.5 Budget Execution**

The FCH JU had two main types of costs in the pertinent period:

- (1) the running costs, covering administrative tasks, communication activities, support for operational activities such as evaluation; and
- (2) the operational costs, which consist of the costs of supporting research activities.

The respective budget for these two lines of expenditure was as follows:

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<sup>12</sup> Accrual Based Accounting system (ABAC)

## COMMITMENTS

	Budget forecast AIP 2008	Budget committed 2008*
Operational costs (title 3)	28 771 590.00	28 771 590.00
Running costs (title 1&2)	1 945 410.00**	2 242.22
Total	30 717 000.00	28.773.832.22

\*The amounts include European Free Trade Area (EFTA) contributions 2.4% from countries associated to the 7<sup>th</sup> Framework Programme.

\*\* As allowed by Article 12 of the Annex to the Council Regulation (EC) N° 521/2008, an amount of 1 832 000 € has been transferred from the non-used running costs to the operational budget 2010. The running budget for 2008 was thus 113 410 €.

The Commission supported the FCH JU on the basis of Article 16 'preparatory action' of Council Regulation (EC) No 521/2008. The FCH JU received a financial contribution from the EC for the operational and running costs on its specific FCH budget line. The running activities were supported by the Commission *budget line* 08.010441 and the operational activities were supported by the Commission *budget line* 08.050200. The breakdown of expenditure is detailed in the tables below.

Annual Account – Commitment appropriations Execution FCH JU 2008*				
Description	ABAC Ref	Date	Amount	Budget line
Call I (Global Commitment)	SI2.515853	21/11/2008	28 771 590.00	08.050200 (operational)
China EU Energy conference	SI2.514125	06/11/2008	1 000.00	08.010441 (running)
1 <sup>st</sup> meeting states representatives	SI2. 520674	11/12/2008	1 242.22	08.010441 (running)
		Total	<b>28 773 832.22</b>	

\*The amounts include European Free Trade Area (EFTA) contributions 2.4% from countries associated to the 7<sup>th</sup> Framework Programme.

Annual Account – Payment appropriation Execution FCH JU 2008*				
Description	ABAC Ref	Date	Amount	Budget line
Call I (Global Commitment)	SI2.515853		0.00	08.050200 (operational)
China EU Energy conference	SI2.514125		0.00	08.010441 (running)
1 <sup>st</sup> meeting states representatives	SI2. 520674		0.00	08. 010441 (running)
		Total	<b>0.00</b>	

\*The amounts include European Free Trade Area (EFTA) contributions 2.4% from countries associated to the 7<sup>th</sup> Framework Programme.

The Annual Accounts of FCH JU have been included in the Annual Financial Report from DG RTD for discharge under the Community Financial Regulation. The Commission produces the provisional consolidated annual accounts for the year ended 31 December by no later than 31 March of the following year. Following an audit by the Court of Auditors, the final accounts are issued by 31 July and published in the Official Journal by 15 November, together with the opinion (DAS) of the Court.

**10. INDICATORS**

The key expected output for 2008, the setting up of all the bodies of the FCH JU and the start-up of operations through the first call were accomplished. The key activities for 2008 have been described in the Annual Implementation Plan 2008. Table 2 below describes the status with reference to these activities.

Table 2: Status of key FCH JU activities as described in the Annual Implementation Plan 2008

<b>Key activities 2008</b>	<b>Planned</b>	<b>Status</b>
Adopt/approve the key documents for starting FCH JU's operations: 2008 Annual Implementation plan, 2008 Annual budget, Financial Rules, Staff Policy Plan, Staff Implementation measures, Reference documents relating to Call for proposals. (Governing Board)	Q3-4	Completed
Start the process to define selection criteria and appoint the Scientific Committee members <sup>13</sup> (Governing Board)	Q3-4	In progress (Completion Q1 2009)
Adopt the practical arrangements for implementing Regulation (EC) No 1049/2001 regarding transparency and access to EU documents. <sup>14</sup> (Governing Board)	Q4	Reported to 2009
Adopt the practical arrangements for implementing Regulation (EC) No 1073/1999 in relation to the prevention of fraud, corruption and any illegal activity detrimental to the communities' interest. (Governing Board)	Q4	Reported to 2009
Make appropriate provisions for the internal auditing function <sup>15</sup> (Governing Board)	Q4	In progress
Approve to start the selection process leading to the appointment of the Executive Director (Governing Board)	Q4	Completed
Receive nominations to the States Representatives Group from Member States and Associated Countries (Programme Office)	Q3	Completed
Start up of the process to convene the SRG, prepare rules of procedures, elect the chair, prepare work programme etc. (Programme Office)	Q4	In progress (Completion Q1 2009)
The States Representatives Group to propose members to the Scientific Committee	Q4	In progress (Completion Q1 2009)
The 1 <sup>st</sup> Stakeholders General Assembly meeting	Q3	Completed
Publication of the first call for proposals	Q4	Completed

<sup>13</sup> FCH JU Statutes Article 8.4

<sup>14</sup> FCH JU Council Regulation No 521/2008, Article 14

<sup>15</sup> FCH JU Statutes Article 11