



Press Release

Barcelona, 13 April 2010

## Fusion for Energy signs the ITER Architect Engineer contract, one of the biggest engineering contracts in Europe.

One of the biggest engineering contracts ever in Europe was signed today by Fusion for Energy (F4E). Worth approximately 150 million Euros, the Architect Engineer contract for ITER Buildings and Civil Infrastructures was awarded to the Engage consortium. It represents a total of around 1,700,000 hours of work, spread over the 8 years foreseen for the design and the construction of ITER buildings. The Health and Safety Protection Coordination and Legal Inspection Services contract was also signed, worth approximately 9 million Euros and was awarded to Apave.

Frank Briscoe, Director of F4E, said: “F4E has the full responsibility of the construction of the technical buildings necessary for the implementation of the ITER reactor. The signature of the two contracts is a big step towards ITER’s construction phase. They are a clear demonstration of Europe’s capacity to deliver and involve industry in the biggest energy experiment of our time”.

The Architect Engineer will assist F4E during the entire construction process, from the elaboration of the detailed design to the final acceptance of the works, including the ITER buildings, as well as the site infrastructures and the distribution of the power supplies. At the peak of the design activity, more than 230 engineers and designers will be working under this contract. While most of these teams will be working in F4E’s premises in Cadarache, some specific design tasks will be performed in one of the ENGAGE Consortium’s companies’ offices in Spain (Empresarios Agrupados), United Kingdom (Atkins) or France (Assystem and Iosis).

In addition to signing the Architect Engineer contract today, F4E also signed the Health and Safety Protection Coordination and Legal Inspection Services contract with Apave. The contract will review the design during conception phase, establish the health and safety plan and follow up the work during the construction phase. The ITER project will comply with French legal requirements regarding the solidity of Nuclear and Non Nuclear buildings.

### Background information:

MEMO: F4E Signing Ceremony 13 April 2010

## **Fusion for Energy**

Fusion for Energy (F4E) is the European Union's organisation for Europe's contribution to ITER.

One of the main tasks of F4E is to work together with European industry, SMEs and research organisations to develop and provide a wide range of high technology components together with engineering, maintenance and support services for the ITER project.

F4E supports fusion R&D initiatives through the Broader Approach Agreement signed with Japan and prepares for the construction of demonstration fusion reactors (DEMO).

F4E was created by a decision of the Council of the European Union as an independent legal entity and was established in April 2007 for a period of 35 years.

Its offices are in Barcelona, Spain.

<http://www.fusionforenergy.europa.eu/>

## **ITER**

ITER is a first-of-a-kind global collaboration. It will be the world's largest experimental fusion facility and is designed to demonstrate the scientific and technological feasibility of fusion power.

Fusion is the process which powers the sun and the stars. When light atomic nuclei fuse together to form heavier ones, a large amount of energy is released. Fusion research is aimed at developing a safe, limitless and environmentally responsible energy source.

Europe will contribute almost half of the costs of its construction, while the other six Members to this joint international venture (China, Japan, India, the Republic of Korea, the Russian Federation and the USA), will contribute equally to the rest.

The site of the ITER project is at Cadarache in the South of France.

<http://www.iter.org/default.aspx>

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