



26 March, Barcelona

F4E and DAHER sign a multimillion contract for the global logistics of ITER components

Europe is the host of the biggest international energy collaboration- ITER. Its in-kind contribution is by far the largest out of the seven parties, reaching a level of up to 50% of the costs, and in simple words this means thousands of high-technology components and equipment. F4E, the European Union's organisation managing Europe's contribution to ITER, has entrusted DAHER, a French company counting more than 150 years of experience in the fields of manufacturing and integrated logistics, with the transport of its share of components. The prestigious deal signed between the parties is in the range of 100 million EUR and is expected to run for at least two years.

Through this contract, DAHER is named Europe's exclusive logistics service provider for its impressive share of ITER components. Its mission will be to deliver them to the project's site, in Cadarache, from many different international locations. As host, Europe will pick up the bill for the services of DAHER used by the other ITER parties- China, Japan, India, the Republic of Korea, the Russian Federation and the US- to transfer their components from Marseille's Marignane airport or Fos-sur-Mer, its sea port, to Cadarache. The condition, however, is that the other ITER parties will have to use DAHER as logistics provider to ship their equipment to France. Bringing together the different contributions is putting together the pieces of the biggest energy puzzle. Rigorous planning, adaptability and excellent co-ordination between ITER parties, suppliers and French authorities will underpin the implementation of this contract and will reinforce the image of Marseille as an international hub.

The scope of the contract

Approximately 4,000 European loads will be transported through this contract, which will be divided between exceptional loads, as it was the case for the delivery of the water detritiation tanks earlier this month, and conventional loads, such as pumps or more conventional equipment that could fit in containers. In addition, 220 highly exceptional loads will also be transported through this contract. These are components that due to their exceptional weight and size will need to be transported at night, following a specific itinerary, and accompanied by representatives from the forces of the gendarmerie so as to minimise any disturbance that may be caused to locals. Two successful convoy rehearsals have already been conducted in September 2013 and April 2014 for the transportation of such loads. They were carried out by DAHER in collaboration with F4E, ITER International Organization (IO), Agence ITER France and the French local authorities. The arrival of the US transformer in January 2015 made history being registered as the first real highly exceptional load entering the ITER site.

Background information

F4E film: View the arrival of the first ITER test convoy [here](#)

View the arrival of the first Highly Exceptional load [here](#)

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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>

 <http://www.youtube.com/user/fusionforenergy>

 <http://twitter.com/fusionforenergy>

 <http://www.flickr.com/photos/fusionforenergy>

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. It is expected to produce a significant amount of fusion power (500 MW) for about seven minutes. Fusion is the process which powers the sun and the stars. When light atomic nuclei fuse together 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 parties 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 in Cadarache, in the South of France.

<http://www.iter.org>

For F4E media enquiries contact:

Aris Apollonatos

E-mail: aris.apollonatos@f4e.europa.eu

Tel: + 34 93 3201833 + 34 649 179 429