The 2013 edition of the ITER Business Forum (IBF) was held on 21 and 22 March in Toulouse bringing together over 1,500 representatives from 350 companies and organizations from 44 countries, including 35 industrial and industry service companies. One of the main objectives of this event was to encourage partnerships between industries working on the ITER project, particularly between the first contract winners and the potential subcontractors. The success of the IBF 2013 is clear with 1,500 business meetings. The first results of the satisfaction survey, conducted by the ITER Industrial Committee (C2I) on behalf of the event, are in favour of ITER and the consortium. Organizations (35% for F4E, 50% for domestic agency and 59% for industries) and the business meetings were rated highly with 76% of those surveyed saying that they were successful for their activity in general.

ITER's robots 2013

Work

Rehabilitation

The ITER Organization members (99% for F4E, 90% for domestic agencies and 98% for domestic agency) reveal that of the 210 people questioned, 82% were satisfied with presentations made by ITER organizers, 78% for their activity in general). While 49% had contracts with ITER (84% direct and 24% subcontracted), 89% place access to ITER Tenders (94% direct and 16% subcontracted). 76% would like ITER to be held every year and 27% every 18 months.

The winners of ITER Robots 2013

The College of Sainte-Taille and Spole Thiès are the winners of the ITER Robots 2013 competition. The final was held on May 16, 2013 at the Teniers school in Wannanac and was highly competitive with each team giving their very best throughout all the tests. The test of mobility showed their ability to follow a trajectory with several curves while the rest of the mobility handling test was to remove obstacles from the heart of the machine and drop them into the maintenance area. All the participants showed their great inventiveness and creativeness, sometimes in the form of naming their robots or with the Sainte-Taille team who baptised their robot ‘Tolbridge’, a combination of ‘Tokamak and Helios’.

ITER Business Forum, Visitor Satisfaction Survey

School Workshops: Record in March

More than 400 students were welcomed in March 2013. The program of visits, organized by the teams of Agence ITER France in partnership with the ITER Organization, is unique in Europe. It links secondary to university level and includes two workshops. During the energy workshop, students can examine existing ITER plants, discover the world of ITER and fusion energy, whereas the biodiversity workshop focuses on students and teachers. A whole natural history and an unexpected world. Once again the world of multidisciplinaires in used to captivate them with videos, images and sounds to guide them.

ITER Itinerary

Gloria Quay in Port Saint-Louis du Rhône, within the largest autonomous port of Marcellise, is a new that the Further group assembles the transport test model that will allow measurements to be taken between 16 and 25 September 2013 as it crosses over some twenty structures that have been adapted, reinforced or replaced as part of the adaptation of the ITER itinerary. This series of measurements and tests will allow the validation of each structure that has been long and constructed for the passage of the future ITER convoy separated from 2014.

Tore Supra is 25!

The Tore Supra facility celebrated its twenty-fifth anniversary on 14 May 2013. A perfect opportunity to highlight its transformation and its new challenges.

Comings and Goings in 2013

Since its inauguration, the Agence ITER France’s Welcome Office has been in charge of welcoming ITER personnel, who have taken up office in the new building of the ITER Organization headquarters. In order to draw the teams and to fulfill its mission of facilitating the meetings between the French authorities for administrative formalities, accompanying housing and French language lessons. This year, 210 people are expected to strengthen the role of the international teams and forty departures have already been announced. The next wave of arrivals will not between May and August and will involve about thirty employees, mostly engineers and experienced technicians.

ITER Games, 3rd Edition!

The Western European Sports Club (WEST) had scheduled the third edition of the ITER Games 2013 on 7 September 2013 in Sainte-Vincent-Victor between 300 and 400 people working on the ITER construction site and in members of local sports associations will be expected again this year for football tournaments, tennis, petanque and a kayak discovery activity.

From Monday to Friday!

Tore Supra is 25!

The Tore Supra facility celebrated its twenty-fifth anniversary on 14 May 2013. A perfect opportunity to highlight its transformation and its new challenges.
ITER Itinerary
CAREFULLY PLANNED GIANT STEPS

Bridges and structures which have been replaced or reinforced along the ITER itinerary from Berre to Cadarache have to be tested. An overview of the measurement campaign scheduled from 16 to 20 September 2013.

Organizing the tests requires detailed preparation involving the local authorities, Daher transport and logistics company, the police and managers of the roads and municipalities concerned in close liaison with local government officials. Information is a key element. Each zone will have a sub-prefect and representatives from the state, have involved widening roads, reinforcing bridges and modifying roadworks in order to adapt to the mass and volume of the components of the ITER machine. The final adjustments carried out in Spring 2014 will facilitate the moving of key points along the route for the test trailer especially developed by Daher. Roundabout borders, road lanes and lane separations have been modified to reduce transport time significantly. A letter will be sent to each municipality concerned by either the test campaign or the deviations: a total of more than 300 letters have been sent.

The test campaign scheduled for mid-September will be the final stage of adjustment work and post-planning: the aim is to validate the key points of the ITER Itinerary It will study the behavior of these structures designed to withstand the real future convoys whose weight (tonne), height (up to 28 meters), length (up to 600 meters) and width (up to 60 meters) are unique. Each structure will be crossed three times and it will take four nights to carry out all the necessary measurements using different tools.

The measurements and controls will be undertaken by the Centre d’Etudes techniques de la Défense (CETAD) and Daher using a motion sensor or laser transmissometer and monitors placed on and off the tested structures as well as a visual inspection before and after the passage of the mock-up.

Deviations and Alternative Routes

While the bridges and structures are being equipped with the sensors to carry out the measurements, the routes will be temporarily closed by national police forces, section by section.

The brochure produced by Agence France will give details of the thirty bypass routes and traffic directions to be used when sections are temporarily closed to traffic. This brochure is available on the internet (www.itercadarache.org) and will be sent by post upon request. 

The conditions used during the rehearsal will be close to those of a real convoy. The aim will be to assess the time necessary for the ‘Barka’ ITER convoys and the accompanying mass. After the rehearsal, one will be ready for the start of the first real convoy in 2015. This first experience will certainly give valuable lessons to program the rehearsal expected before the end of the year 2013. Organizing the tests during the rehearsal will be close to those of a real convoy. The aim will be to assess the necessary time for the ‘Barka’ ITER convoys and the accompanying mass. After the rehearsal, one will be ready for the start of the first real convoy in 2015. This first experience will certainly give valuable lessons to program the rehearsal expected before the end of the year 2013.

What is the result of the first years?

Since works started on the ITER site in 2007, we have hired 600 employees to meet the needs of companies working on the construction site in Cadarache (Bouches-du-Rhône). It has been for jobs such as machine drivers, pipe layers, project managers, services industries (jobs, security, cleaning...).

What are the present prospects for jobs generated directly or indirectly by the project?

Currently, jobs offer more jobs both for employees and project managers.

The needs will evolve in line with the construction phase which will now start (2013-2014) with a strong demand for the construction trades (masons, fitters, welders...) and the phases related to assembly work in the heart of the research facility (2015-2019) which involves a lot of logistics.

We are working on these issues of employment, skills and training in close cooperation with the partners of the convention « Marche autour d’ITER » to deepen the way companies involved in the ITER project.

A forum on “Energy for Employment” is to be held on 14 June 2013 in Cadarache in cooperation with the Deployment Centre, the Paul-Euyang association and Saint-Paul-de-Durance municipality. This employment forum aims to bring together about forty companies working with ITER, the European Domestic Agency F4E, the member companies of the ITER industrial Committee (CII), the Capemeries cluster and companies from the Saint-Paul-de-Durance industrial zone. The objective is to create links between candidates and companies and give information about current and future employment opportunities as well as career opportunities in the nuclear industry, construction, engineering and services.

A conference on the ITER project is planned with the participation of the European Union around ITER (network meeting “ITER Europe”) and ITER (network meeting “ITER International”).

The National Institute of Science and Technology (INSA) in Cadarache is hosting the job fair.

How to apply?

The Employment Center has created a website dedicated to the ITER project where job offers can be found.

It also allows job seekers to become connected and manage their personal space, to receive offers by email and to apply online.

Personnel are present on the ITER construction site in Cadarache to ensure companies running the project and the Employment Centers in Aix-en-Provence, Pertuis, Marseille and Saint-Maximin are also involved with a network of designated officers.