On 13 November 2014, Agence ITER France, Baker and contractors consortium (AIF and Esco) signed their agreement by signing a joint convention. This document lists the operational, administrative, financial and legal conditions applicable to the ITER project (construction of the ITER tokamak in the area of Lacanau-Conservatoire), and the ITER site and the sector of the municipalities of Saint-Paul-lez-Durance, and its kick off. It also sets out the conditions for teams two hours before the operation. The council, undercooked measures and measures to limit the impact of the construction on local residents and road users. The first concrete is expected in January and February 2015.

**IN BRIEF**

**ITER ROBOTS 2015, 20 CANDIDATES ON TRACK**

The fourth edition of the ITER Robots has started. Among the secondary schools, many are expected from the Provence-Alpes-Côte d’Azur International School (EIPACA), Pierre-Gerardin (St Talat), Prosperity Gardens, Jean-Bernard (Salas-de-Provence), Mohoys (Gaasterland-Frois, Monét-Dame-S-da-Tour d’Algues), Yves Montand (Vixen-la-Verberie), Louise Michmich (Marseille), Charles Rieu (Mont Saint-Martin de Cristo), Rup de Esparres (Marseille), Fernand Lagier (Berre-l’Etang) and Roger Corsolesse (Pélissanne).

**VISITS**

Workshops to discover the biodiversity on the ITER site.

An experimental and fun approach to the discovery of the biodiversity of the ITER site.

Since January 2014, 4,395 students primary and secondary schools have been welcomed as part of the scientific population program run by Agence ITER France. School visits are based on an experimental, creative and fun approach. The program and general organization are established together with teachers. Applications for school visits should be sent to Agence/ITER France.

**ITALIAN ROBOTS 2015, 20 CANDIDATES ON TRACK**

The third edition of the ITER Robots has started. Among the secondary schools, many are expected from the University of Pisa, Teachers’ School, and other public and private schools.

Since January 2014, 4,395 students primary and secondary schools have been welcomed as part of the scientific population program run by Agence ITER France. School visits are based on an experimental, creative and fun approach. The program and general organization are established together with teachers. Applications for school visits should be sent to Agence/ITER France.

**LOCAL NEWS**

**JOB FORUM, JOUQUES**

On 28 November 2014, nearly 220 participants were welcomed to the job forum organized in Jouques and bringing together the municipalities of Meyrargues, Whitney, Pontevie-Pons-en-Provence, Rene and Saint-Jean-Isidore. Candidates went from stand to stand to meet the different companies and organizations. For some, such as the temporary works agencies Waypower and Power, it was an opportunity to target potential candidates for recruitment in industry, mechanics and mechanics. For others, such as the Progyma company, it was an opportunity to present potential candidates to companies without qualifications or experience.

Finally, for those such as the Vinci-Ferrovial-Razel consortium, the forum enabled them to collect new applications to put on file. For everyone, it was an opportunity to obtain advice about how to make a CV more effective, prepare for an interview and be best equipped to find a job.

**A MILESTONE REACHED**

After installing the about ten-meter-long and five-meter-high shuts, the teams of the Vinci-Ferrovial-Razel consortium poured the first wall of the ITER tokamak building. The first new concrete and was cast at the initiative of the ITER Organization. The concrete was cast on the ITER site and is a step forward for the realization of the ITER project, particularly for the top 40 meters and will require a volume of 80,000 m³ of concrete in total. Another 50 meters of wall is due to be poured before the end of the 20 years on land acquired by the CEA (118 ha) as part of the compensatory measures for the development.

**SIGNING HIGHWAY CONVENTIONS**

The form-setters installing the 6-meter-high shutters. The form is currently being used on the ITER construction site.

This practical on-site training is under the auspices of the Dwarf training course, which is part of a local employment project to create the ITER.(EIPACA)

**NEWS**

**FACES**

**ITER BOTS 2015, 20 CANDIDATES ON TRACK**

The fourth edition of the ITER Robots has started. Among the secondary schools, many are expected from the Provence-Alpes-Côte d’Azur International School (EIPACA), Pierre-Gerardin (St Talat), Prosperity Gardens, Jean-Bernard (Salas-de-Provence), Mohoys (Gaasterland-Frois, Monét-Dame-S-da-Tour d’Algues), Yves Montand (Vixen-la-Verberie), Louise Michmich (Marseille), Charles Rieu (Mont Saint-Martin de Cristo), Rup de Esparres (Marseille), Fernand Lagier (Berre-l’Etang) and Roger Corsolesse (Pélissanne).

The high schools include: Antioch Academy, Philippe Girard (Avignon), Altitude school (Brignoles), Charles de Gaulle (Hyères), George Dufy (Hyères-En-Provence), L’Esprit Recontre (L’Isle-sur-la-Sorgue), Saint-Laure-Carte Marie (Cugnet-la-Nerthe) and Léo Boinet (Manosque). The qualifying rounds are scheduled for the 28 and 27 March 2015. All qualifying teams will meet in the final on May 20, 2015 at Les foires high school in Manosque.

**A MILESTONE REACHED**

After installing the about ten-meter-long and five-meter-high shutters, the teams of the Vinci-Ferrovial-Razel consortium poured the first wall of the ITER tokamak building on 20 November 2014. “On that day, the comings and goings of the site were a real show and made work,” says Michallet, a formwork contractor for this long concrete pour on the ITER site. The new concrete and was cast at the initiative of the ITER Organization. The concrete was cast on the ITER site and is a step forward for the realization of the ITER project, particularly for the top 40 meters and will require a volume of 80,000 m³ of concrete in total. Another 50 meters of wall is due to be poured before the end of the 20 years on land acquired by the CEA (118 ha) as part of the compensatory measures for the development.

**RIBIERS: THE MONITORING COMMITTEE IS OPERATIONAL**

The first meeting of the Ribiers monitoring committee was held in the town hall of Ribiers on 9 December 2014. This information shows, for example, that (3395) at the Regional Directorate of the Environment, Land and Housing (Dreal) and (AIF) to carry out, in coordination with the ITER site, the monitoring of biodiversity over a period of 20 years on a sector of 118 ha, as part of the compensation measures for the development of the ITER site at Cadarache. The committee is in charge of monitoring the implementation of the biodiversity indicators and the monitoring of the biodiversity of the ITER site.

**VISITS**

Workshops to discover the biodiversity on the ITER site.

An experimental and fun approach to the discovery of the biodiversity of the ITER site.

Since January 2014, 6,785 students (primary and secondary schools) have been welcomed as part of the scientific population program run by Agence ITER France. School visits are based on an experimental, creative and fun approach. The program and general organization are established together with teachers. Applications for school visits should be sent to Agence/ITER France.

**LOCAL NEWS**

**JOB FORUM, JOUQUES**

On 28 November 2014, nearly 220 participants were welcomed to the job forum organized in Jouques and bringing together the municipalities of Meyrargues, Whitney, Pontevie-Pons-en-Provence, Rene and Saint-Jean-Isidore. Candidates went from stand to stand to meet the different companies and organizations. For some, such as the temporary works agencies Waypower and Power, it was an opportunity to target potential candidates for recruitment in industry, mechanics and mechanics. For others, such as the Progyma company, it was an opportunity to present potential candidates to companies without qualifications or experience.

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UPDATE

I
n the construction industry, changes are constantly happening. Whether they be twenty or fifty years old, they are all training in the On-site training, preparing to work at ITER

A TRAINING SITE

Patrick André worked in business for 40 years. After long discussions, his professional experience made him decide to work in construction as a team leader. A few years later, he was changed director. He set up a technical director’s office, and then he got back to construction in 2004 when the work on the construction of the ITER was launched in Vinon-sur-Verdon. Patrice de la Porte suggested him to follow form-setter training and he did it. “This training gives me new knowledge and an open door to employment,” he hopes.

TER

The Vinci-Ferrovial-Razel (VFR) consortium believes that civil engineering training is an important way to get back to employment. Patrice de la Porte, a member of the Compagnons du Devoir, is training in civil engineering and he is hoping to get a job on the ITER site in the weeks and months ahead.

A FOUR-WAY PARTNERSHIP

The establishment of the three training centers opened on October 21, 2010 in January 2011 brings together the Compagnons du Devoir, the CEA site in Cadarache and the ITER construction site. The agency has been working to find funding for the project through the government’s Regional Development Fund.

MERSEN

The French manufacturer Mersen (6,500 employees, including 1,500 in France) was selected through a tender launched by the French Atomic Energy Commission with the desired thickness of the wall. While the concrete is poured, a casting ring is inserted into the concrete to make the air bubbles. On the ITER construction site, a special method is being used to construct the buildings of the tokamak. The framework is designed to be used for the construction of new buildings. For everyone involved, these are important training conditions making it possible to experience the actual construction site set up with new technology and practice. The construction of a building is not the result of good luck. In front of a group of people, he has already been meticulously planned in paper. As with the on-site training centre, actions speak louder than words.

LARSEN & TOUBRO

The first electric transformer on its way

Having left the warehouse of the French manufacturer Hydrea Heavy Industries on 16 November 2014, the first of the electric transformers is expected to arrive at the Cadarache site by the beginning of 2015. This block of 60 m³ will be accompanied by the delivery of 40 boxes containing the accessories for assembly, fans, transformers, insulators and “circuit breaker” protection. It is the first of a series of four transformers which will be delivered from the end of 2014 to the beginning of 2015 in order to complete the substation.

THE FIRST ELECTRIC TRANSFORMER

ON ITS WAY

The company also uses simulation software that allows it to verify the feasibility and electrical safety of the project and the elimination of obstacles related to particularly complex environments.

THREE TRAINING AREAS TARGETED

The construction taking place on three on-site training centers will allow the region’s and the country’s training needs to be met. A fifteen minute professional interview procedure seeks to know what one is sufficiently motivated for the training proposed by the job center, backed by the CEA site in Cadarache. The training workshops cover the construction sector, safety and the professional future for the training candidates. The workshops are designed to provide the training candidates a real experience of different training centers, including the Job Center and the educational programs linked to the European project ITER. From November to January the candidates are receiving a real training experience on the ITER construction site, as well as safety rules for handling formwork and drying concrete.

COMPAGNONS DU DEVOIR

They are the heart of the companionship movement dating from the time of Charlemagne, the Germanic Ages, when cathedrals were built. Moving from site to site, they work on the construction site with the know-how. Classed as part of the UNESCO Intangible Cultural Heritage of Humanity, the companionship is recognized as a knowledge and interpersonal skills acquired through the work of their companions. The companionship will build a new transmission network that supplies the ITER’s off-site buildings and the construction site.

THE FRENCH MANUFACTURER

The company says that “simulation software enabled us to verify the feasibility and electrical safety of the project and the elimination of obstacles related to particularly complex environments.”