

**CEFDA04-1161
TW4-TES-COLABA**

**Task Title: EUROPEAN ITER SITE STUDIES 4 - CADARACHE
CADARACHE SITE FOR ITER - COLLABORATION WITH
LOCAL AUTHORITIES**

INTRODUCTION

The most important fact in 2005 was the announcement, the 28th of June in Moscow, by the ITER Project's partners of the decision to build ITER in Cadarache. During the second semester of 2005, the President of the French Republic Mr Jacques Chirac, the European Commissioner for Science and Research Mr Janez Potocnik and the Director General of the future ITER Organisation Mr Kaname Ikeda visited Cadarache (see photographs).



EISS activities have their own steering process with regular meetings and exchange of information with EFDA and the Commission. The EISS4 contract covers the period from 1st January 2004 to 31st December 2005. A final deliverable (ref. GA41-DEL-2004-0008) refers to 41 specific deliverables covering all the topics of the EISS4 contract. The reader who would wish extensive information is requested to ask for these documents.



The following pages are given for reminder and are covering only the main aspects of the contracts. The EISS project (and its corresponding tasks) is, as for previous years, structured to progress on all items on the critical path, with an emphasis on the licensing schedule.

On the 14th of September 2005, after taking note of the report of the ITER International Team Leader on the licensing process, the ITER Preparatory Committee mandated the CEA:

- to act as designated legal entity in order to represent and act on behalf of the International Team in front of the competent authorities regarding the licensing process and pending establishment of the ITER Organisation. To ensure consistency and continuity all submitted documents will need to be formally undersigned by the ITER International Team Leader. During meetings the ITER International Team will be appropriately represented.
- to represent and act on behalf of the International Team regarding the public debate. Written documents will be jointly signed and, during public meetings, both CEA and the ITER International Team will jointly participate.



The CEA was requested to keep all Parties fully informed on the activities undertaken under the Committee’s mandate.

2005 ACTIVITIES

SAFETY & LICENSING

As it was the case in previous years, the writing of the first version of the main technical document in support of the Safety Authority’s instruction, the “Rapport Préliminaire de Sûreté” (RPrS) was followed. The writing of this document by EFET is supported by many studies, performed at European level in parallel.

All chapters have been finalised and the RPrS needs to be reviewed in 2006, following a wider project review. The R&D to be launch within the framework of EISS5 will also allow to complete and detail the writing of several chapters.

The risk analysis studies and the DAC and DARPE specification have been continued. According to the French regulation and the 10th of august 1984’s Order, the Safety and Licensing process concerns these 3 main documents RPrS, DAC and DARPE (figure 1).

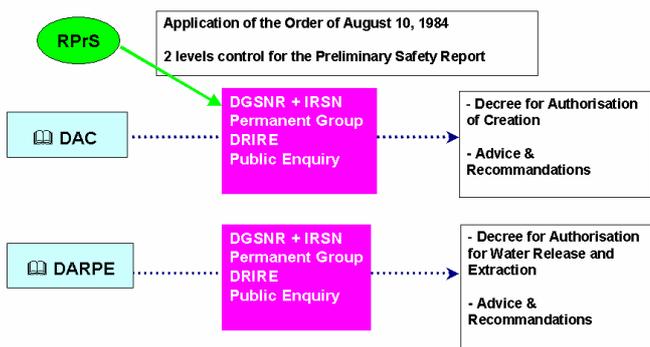


Figure 1

Several studies were performed to support these Safety and Licensing area, for example the aspects concerning an ITER waste management strategy, in particular for tritiated waste.

PUBLIC DEBATE

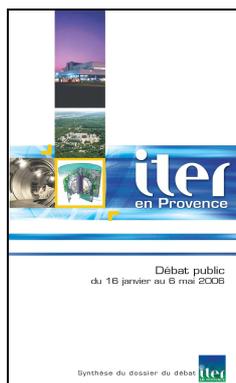


Figure 2

The relevant authorities, the “Commission Particulière du Débat Public” (CPDP) was put on hold in 2004, until a decision on the site choice. The CPDP has been reactivated in July 2005. The final version of the file of the Public Debate (figure 2) has been completed and sent to the “Commission Nationale du Débat Public” (CNDDP). The Public Debate will take place during the first semester of 2006, in particular the CPDP will organise about sixteen public meetings in all the Provence region.

Different media, prepared for the Public Debate (e.g. multimedia interactive terminal, different types of models) with the financial help of the local authorities completed by EFDA within framework of the TWA-TES-COLABA task, were completed.

<http://debatpublic-iter.org> (in French)

IN-FENCE STUDIES

The site drawings were updated, taking into account the interfaces with the ITER International Team. A survey of the hydrogeology is performed, with a synthesis report every year. This survey will be used to design the draining system. A new interactive model of the ITER site was also realised (figure 3).



Figure 3

The technical specification for the “First office building”, for the arrival of the International ITER Team has been completed and a call for tender was launched, in order to build this 100 offices building during the first semester of 2006. This building will have around 100 offices, several meeting rooms and will host the ITER International Team before the construction of the main office building on ITER site.

OUT-FENCE STUDIES (TRANSPORT OF THE HEAVY COMPONENTS)

The five diagnostic studies concerning the transport of the ITER components (Initial status of the environment, Characterisation of bridges, Detailed maps and longitudinal profiles, Construction of an unloading dock and Feasibility of a localised dredging) were finalised within the framework of the Regional Steering Committee. All the files were transmitted to the “Direction Régionale et Départementale de l’Équipement” (DRDE) in charge of the

realisation of the improvements of the itinerary: a call for tender was launched by these State Services to choose a “maître d’oeuvre” to study in detail all the modifications needed.

SOCIOECONOMIC ASPECTS

Just after the decision, the implementation of a “Welcome Office” was launched at “La Bergerie”, an ancient building

close to the “Château de Cadarache”. This “Welcome Office” is composed of 7 offices and a meeting room. It has been presented to the Negotiators the 12th of september during the N10 Meeting (figure 4).

Within the framework of the TWA-TES-COLABA task, the aspects concerning education were followed. It has been decided that the International School will be implemented at Manosque and fully paid by the Region.

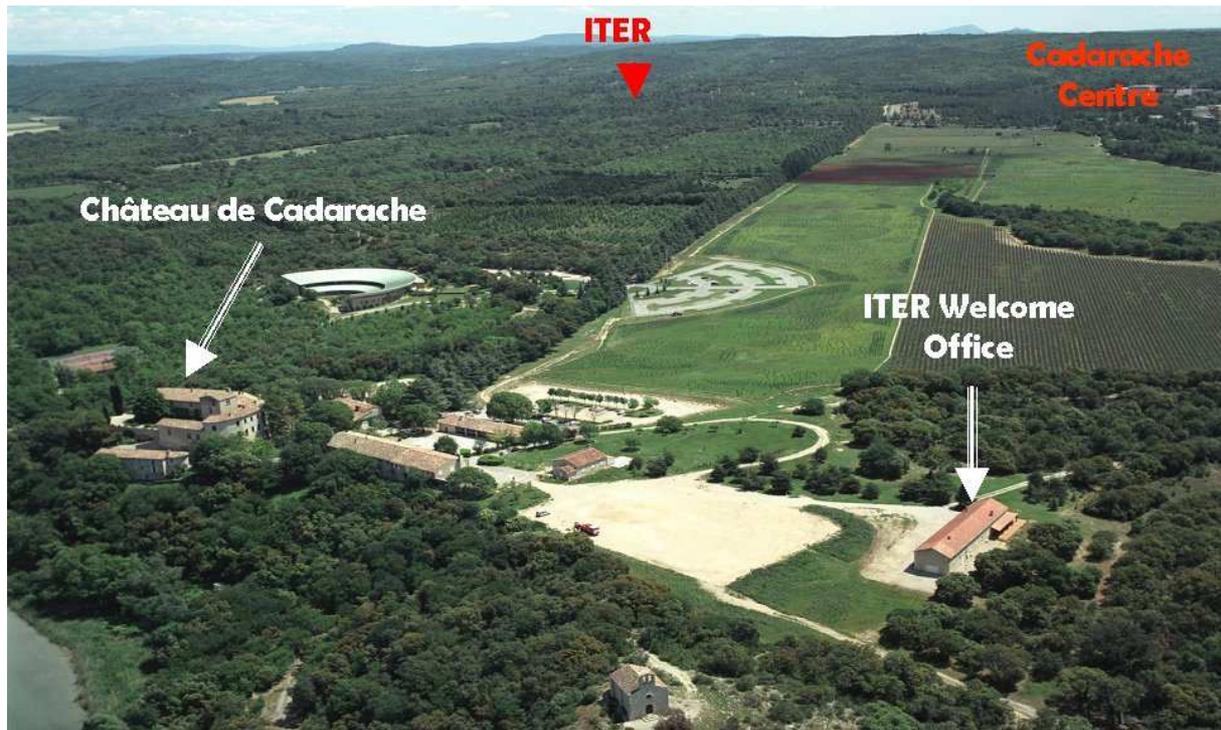


Figure 4

REPORTS AND PUBLICATIONS

EISS2 final report delivered in march 2004
EISS3 stage 1+2 report delivered in june 2004
EISS4 M1 report delivered in january 2005
EISS4 M2 report delivered in march 2005
EISS4 final report delivered in march 2006
Contract n° FU06-CT-2004-00120 (RPrS written by EFET)

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