

Joint Paper

The roles of the Host and the non-Host for the ITER Project

Japan has presented a written proposal on the roles of the Host and the non-Host for the ITER Project on 9th September 2004.

The European Union has presented its vision of a privileged partnership among those two Parties on 26th November 2004.

Japan and the European Union have reached common views on the following roles of the Host and the non-Host in the implementation of ITER within the six Party framework:

A- ITER construction

- Funding

The Host will contribute 50% of the estimated cost of ITER construction, while the non-Host will contribute 10% of the estimated cost of ITER construction, equal to the contribution pledged by other ITER negotiation Parties. In addition to its share of the construction cost, the Host will bear the costs of site preparation.

- Transfer of Procurement responsibilities

From the non-Host and its industries, the Host will make additional procurement of components equivalent to 10%¹ of the total procurements for ITER construction out of its contribution of 50%. As a result, the non-Host will be able to provide the components corresponding to 20% of the total procurements for ITER construction with 10% contribution.

The choice of components procured through this method will be decided jointly, based upon the wishes of the non-Host as long as this serves the goal of promoting the project smoothly. The methods of transfer of procurement allocation, which should assure the above transfer based on the cost estimates in the ITER Final Design report, will be elaborated between the Host and the non-Host. These methods should ensure the efficient implementation of the project and comply with the Parties' applicable regulations for the use of public money.

- Staffing of the ITER Organisation

The Host will transfer to the non-Host an allocation of the staff equivalent to 10% of the total staff out of the 50% percentage of staff that the Host is supposed to provide to the ITER Organisation. As a result, the Host will provide 40 percent and the non-Host 20 percent of all staff.

- Senior Management

The Host will support a suitably qualified candidate for the post of Director-General from the non-Host.

- Headquarters functions

Headquarters functions of ITER will take place partly in the Host and partly in the non-Host. Thus certain Headquarters functions, such as a significant number of the

¹ This corresponds to 302.1K ITER units of account

meetings of the ITER Council, will take place in the territory of the non-Host.

- *Weighted voting*

The Host will accept the adoption of a weighted voting scheme for decision making in the ITER Council that would preclude its predominance.

B- Broader Approach

- *Funding*

The Host and the non-Host will each make contributions of 46 bn¥ /328 mn€² to joint broader approach activities in the territory of the non-Host, on a time frame compatible with the ITER construction phase.

- *Arrangements*

The Host will make contributions to the Broader Approach projects in cash and in kind under the arrangements between the Host and non-Host.

Candidate projects identified in final report of the six-Party Broader Approach workshops in January 2004 include:

- IFMIF (EVEDA and/or facility)
- ITER research centre(s): including,
 - a computational simulation centre for fusion science
 - a centre for remote experimentation
- Fusion power plant technology co-ordination centre, including a centre for international design activities for the demonstration reactor
- a new plasma experimental device (Satellite Tokamak)

The Broader Approach project(s) will be chosen by the non-Host from the above-mentioned projects.

Projects which are not included in the above list could be chosen at the initiative of the non-Host provided that they contribute to a rapid realization of fusion energy and the Host and non-Host jointly decide to undertake them.

C- DEMO Reactor

If the future demonstration reactor, DEMO, is realized in the framework of an international co-operation, the Host will support the candidature of the non-Host to host DEMO.

² These figures are fixed at their equivalent values as at 5th May 2005. The figure should be eventually calculated by reference to the currency of the non-Host.