JAEA as the Implementing Agency of the Broader Approach Activities in the field of Fusion Energy Research

Progress

1985.11 Summit of USA & USSR

2005. 6 Decision of ITER Site,

and implementation of Broader Approach Activities

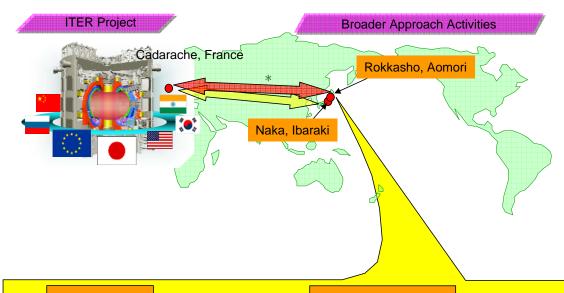
2006.11 Signatures to the ITER Agreement

2007. 2 Signatures to the Broader Approach Agreement

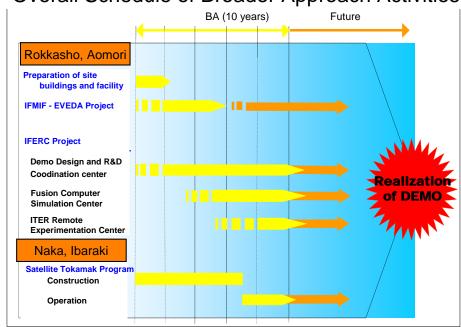
2007. 4 Revision of the JAEA Law establishing JAEA as the Implementing Agency in Japan.

2007. 5 The Diet Approval of the ITER Agreement and the Broader Approach Agreement.

2007. 6 Entry into force of the Broader Approach Agreement, selection of the Implementing Agency in Japan.



Overall Schedule of Broader Approach Activities



Naka, Ibaraki

Satellite Tokamak Program (JT-60SA)

Upgrade of the tokamak experimental equipment (JT-60) to an advanced superconducting tokamak (JT-60 SA) and its exploitation, to support the exploitation of ITER and research towards DEMO by addressing key physics issues for an efficient start up of ITER experimentation and for research towards DEMO.



IFMIF-EVEDA Project

The Engineering Validation and Engineering Design Activities (EVEDA) to produce a detailed, complete and fully integrated engineering design of the IFMIF and all data necessary for future decisions on the construction, operation, exploitation and decommissioning of IFMIF, and to validate continuous and stable operation of each IFMIF subsystem.



IFMIF: International Fusion Materials Irradiation Facility.

Rokkasho, Aomori

International Fusion Energy Research Centre (IFERC) Project

Research and development activities including DEMO Design and R&D, Computer Simulation Center, ITER Remote Experimentation Center at IFERC aiming at contributing to the ITER Project and at promoting a possible early realisation of a future demonstration power reactor(DEMO).



and R&D Coordination Center

Super Compute Fusion Compute Simulation

erimentatio Center