

ITER - Harnessing Controlled Fusion Energy on Earth

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ABOUT US

ITER-India is the Indian Domestic Agency (IN-DA) responsible for delivering India's contributions to the ITER Project. It is a specially empowered project within the Institute for Plasma Research, which is an autonomous institute under the Department of Atomic Energy (DAE), Government of India. ITER-India has 9 procurement packages to be delivered to ...

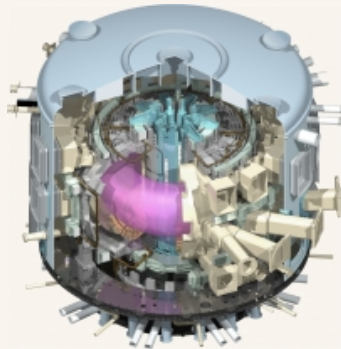
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ITER



ITER, meaning the way in Latin, is an experimental Fusion Reactor being constructed presently at Cadarache, in the South of France. ITER is a step towards future production of electricity from fusion energy. Nuclear Fusion is the process in which the Sun and the stars produce the energy by fusing light nuclei of hydrogen. ITER will produce at least ten times more energy than the energy required to operate it. In future demo or commercial reactors based on fusion, this energy can be converted to electricity.

An unprecedented international scientific and technological collaboration representing more than half the worlds human population is presently involved towards construction of ITER. The ITER partners are presently the People's Republic of China, the European Union, India, Japan, the Republic of Korea, the Russian Federation and the United States of America.

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ITER-India



ITER will be built mostly through in-kind contributions from the participant countries (Parties) in the form of components manufactured by the Parties and delivered/installed at ITER.

ITER-India is the Indian Domestic Agency (DA), formed with the responsibility to provide to ITER the Indian contribution.



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