



Project: International Thermonuclear Experimental Reactor (ITER)

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The ITER Project: “the way” to new energy



Abstract:

- Rapid progress is ongoing in design, manufacturing, construction and R&D activities for the ITER project. The facility is now taking shape in Provence in Southern France, where construction of major buildings is advancing rapidly. Supported by achievements in fusion R&D, manufacturing of major components, such as superconducting magnet systems, vacuum vessel and cryostat, is in full swing. India is playing a critical role as one of seven ITER Members. This presentation offers an overview of the importance of ITER and industrial scale fusion to the future of human society, as a safe, clean, and nearly unlimited source of energy.

About the Speaker:

- Mr. Coblentz’s career has spanned technology, communication, education, and sustainable development. At the US Nuclear Regulatory Commission, he applied probabilistic risk models to enhance safety at nuclear facilities. In the US Congress, he led Senator Joe Lieberman’s effort to create *The E-Government Act of 2002*. At the International Atomic Energy Agency, he collaborated with Director General Mohamed ElBaradei on nuclear diplomacy in Iraq, Iran, and other political hotspots. In New York, he established new university-based and community-based models integrating entrepreneurship and advanced manufacturing. Currently, he leads communication at the 35-country ITER Project, focused on making industrial-scale fusion a reality.

