

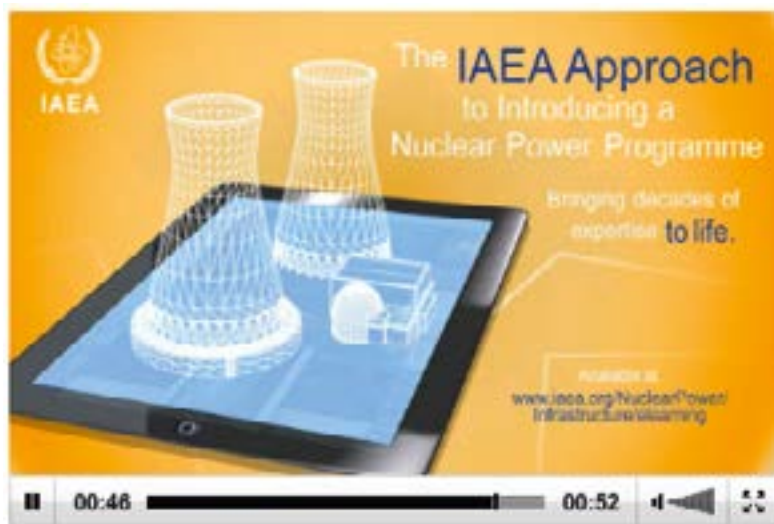
PROGRESS AND DEVELOPMENT THROUGH THE IAEA PEACEFUL USES INITIATIVE



1 A participant of the Eastern European Research Reactor Initiative (EERRI) Group Fellowship Training learns how to start up the TRIGA MARK II research reactor at the Atominstytut, Vienna University of Technology, October 2013. To date, 53 students have been trained through this fellowship programme. The EERRI coalition and the course were developed within a regional IAEA Technical Cooperation (TC) project and fellowships are supported using both TC and Peaceful Uses Initiative (PUI) funding. PUI funds are also being used to expand the fellowship and coalition concept to other regions. (Photo: Atominstytut)



2 Through the Peaceful Uses Initiative (PUI), the IAEA has been assisting Member States in developing the necessary infrastructure to support safe, secure and sustainable nuclear power programmes. IAEA's technical assistance includes technical and expert meetings covering the 19 infrastructure issues, as well as Integrated Nuclear Infrastructure Review (INIR) Missions.



3 An e-learning series based on the IAEA Milestones approach help newcomer countries understand the issues related to developing a national nuclear infrastructure. The first five modules, produced with financial support from the Republic of Korea under the Peaceful Uses Initiative, focus on management, human resource development, stakeholder involvement, and construction management. The modules are available at: www.iaea.org/NuclearPower/Infrastructure/elearning/index.html



4 PUI funds are also being used to support research on the very long term storage performance of spent nuclear fuel and related storage system components. This also includes research into the long term integrity of dry storage concrete systems. Using an experimental setup of LaBr₃ and NaI(Tl) gamma detectors, experts check the confinement integrity of the spent fuel and the structural integrity of the reinforced concrete silos at Embalse NPP's dry storage, Argentina. (Photo: CNEA/NA-SA)

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