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## **Outreach Education and Training in Nuclear Safeguards and Non-Proliferation of the European Commission, Joint Research Centre**

*Tuesday, 6 November 2018 09:25 (5 minutes)*

The Nuclear Security Unit of the Department of Nuclear Security and Safeguards of the Joint Research Centre of the European Commission in close collaboration with the Training and Knowledge Management Working Group of the European Safeguards Research and Development Association (ESARDA) is providing yearly a one-week well-established specialized course on Safeguards and Non-Proliferation. Over the last almost two decades, this course takes place in Ispra (Italy) and is open to audiences of an average of 50 students, in particular nuclear engineering students, but also to young professionals in nuclear regulations or operations and International Relations. The course is known best as the "ESARDA Course" and aims at complementing not only nuclear engineering studies by including nuclear safeguards and non-proliferation in the academic curriculum in Europe but also to contribute to efforts of international organization such as IAEA, JAEA, etc to enhance and harmonize safeguards and non-proliferation approaches. It combines lectures from experts with group exercises and offers also an exam and essay compilation to the students seeking for academic recognition.

Due to its success, ESARDA Course has been out-reached, with financial support of DG DEVCO under the Instrument for Nuclear Safety Collaboration, over several worldwide regions. This paper reports especially also on the feedback of the one week course, which was organized in Pretoria (South Africa) in February 2018 for the south African region (13 participating countries). The way the course was tailored with respect to original content to best fit the needs of the region and the intention to make it a sustainable initiative in the region is included. The follow-up activities in this region and transfer of this course to other regions (Northern Africa and Caucasus e.g.) will also be discussed.

### **Which "Key Question" does your Abstract address?**

SGI3.9

### **Which alternative "Key Question" does your Abstract address? (if any)**

CHA1.1

### **Topics**

SGI3

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