Contribution ID: **178** Type: **oral**

Remediation of a Former Uranium Mining and Milling Area and Its Knowledge Management: An Overview

Wednesday, 9 November 2016 10:00 (15 minutes)

For 25 years now, the federally-owned Wismut GmbH has been remediating the legacies left behind by former uranium ore mining and processing operations in Eastern Germany. In that area, the former Soviet-German stock company SDAG WISMUT had produced a total of 216'000 tonnes of uranium during a period of more than forty years. It had evolved into the world's fourth largest uranium producer at that time. The large number of sites (7) and individual objects (> 400) and the long period, needed for the following complex remediation process, forced the establishment of a comprehensive data, information and knowledge management system. The present paper describes the WISMUT KM system and its implementation in current activities. A technical data base named AL.VIS/W serves as platform for the storage, search and exchange of data and information. It also provides information required to fulfil post-remedial long-term tasks including institutional control. Case studies are given to illustrate the efficiency of the tools developed by Wismut GmbH and its partners. In detail, the environmental data base and its operational features are described. Further, the experience in developing and implementing the object-related remediation documentations is presented.

Country or International Organization

Germany

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Session Classification: Technical Session 7

Track Classification: Track 4: Managing knowledge for decommissioning, environmental remediation and radioactive waste management projects, including in countries with phase-out plans