

WISUTEC and the IAEA ENVIRONET

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Overview

1. Background and projects of WISUTEC
2. Contributions WISUTEC may bring to Environet
3. Benefits expected from Environet

Background of WISUTEC

- Roots in Wismut
 - 1945 – 1990 Soviet-(East) German joint venture, 3rd largest uranium mining and milling company in the world
 - Since German re-unification owned by the German government
 - Implementing a multi-billion cleanup program of environmental and radioactive liabilities

Background of WISUTEC (2)

- WISUTEC founded in 2002 as **Wismut Umwelt-Technik GmbH** (Wismut Environmental)
- Mission: to make Wismut's vast knowledge in environmental rehabilitation and radiation protection commercially available on the international market
- Headquarters in Chemnitz, Germany
- 30 staff, € 4 m turnover

Project portfolio

- Lermontov (Russia): uranium mine and mill remediation concept
- Mailuu Suu (Kyrgyzstan): remediation of uranium waste rock and mill tailings, design, EIA and supervision
- Ust-Kamenogorsk (Kazakhstan): groundwater remediation of large industrial complex, concept, design and EIA
- Kitwe (Zambia): relocation of uranium mill tailings, design and monitoring

Project portfolio

- Romania, Bulgaria, ex-Yugoslavia: Investigation of NORM and uranium mining/milling sites, drafting of new regulations for NORM, training
- Norway: NORM in abandoned mines
- Kara Balta (Kyrgyzstan): U and Mo recovery from mill tailings, feasibility and EIA
- Germany: Re-processing of filter dust contaminated by Cs-137 from scrap smelter
- *...and many others*

Contributions we may bring to Environet

- Experience and know-how in the fields of
 - Natural radioactivity
 - Remediation of large sites
 - NORM/TENORM in wide range of industries
 - Monitoring and data management
- Knowledge of technical, regulatory and methodological approaches and solutions from around the world
- Stimulation of information exchange through workshops

Benefits we expect from Environet

- Broaden our professional network
- Learn, learn, learn
 - Innovative techniques
 - New methodological approaches
 - Approaches under financial constraints
 - Other regulatory frameworks
- Access to other Environet members will leverage our own capabilities, both geographically and technically