

# **Progress in Romania on Regulatory Supervision and Decommissioning of Uranium Production Sites**

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The paper presents an overview of the legislative framework in Romania that regulates the remediation of sites contaminated by uranium mining and the current state of remediation work. In Romania the complete cycle of nuclear fuel was considered, including the mining and milling of uranium ores, the production of uranium dioxide powder, the manufacture of CANDU-type nuclear fuel, CANDU-type nuclear power reactors and facilities for intermediate storage of spent nuclear fuel. More than 50 sites currently require remediation and rehabilitation work as a result of geological research and mining operations of uranium deposits. Some of these sites require remediation and rehabilitation activities of great complexity generated by the size of the contaminated surfaces, the significant volume of excavated sterile rocks and ore with low uranium content excavated and finally the large volume of mine waters with elevated uranium and radium concentration located at some of these sites. In order to manage the remediation and rehabilitation activity of these sites, a set of laws, norms and guides was created that regulate the following: the obligation to carry out the remediation and rehabilitation, the responsible national institutions, the financing method, the technical documentation necessary to authorize the remediation works, the criteria of issuing under the authorization regime of the remediated sites and the post-remedial institutional control.