

A clean environment approach to uranium mining

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Uranium is the raw material used to produce fuel for long-lived nuclear facilities, necessary for the generation of significant amounts of baseload low-carbon electricity for decades to come. Given expectations of growth in nuclear generating capacity and the associated uranium demand, enhancing awareness of leading practices in uranium mining is indispensable. Managed well, uranium mining delivers sustainable value for economic growth, employment and infrastructure, with specific attention given to the preservation of the environment. In the early phases of the industry, however, downside risks existed, which created legacy environmental and health issues that still can be recalled today. This presentation addresses key aspects of modern uranium mining operations that have been introduced as regulations and practices have evolved in response to societal attitudes about health, safety and environmental protection.