

URANIUM- RARE EARTHS KEYNOTE PRESENTATION

THE WHAT'S AND WHYS OF URANIUM ORE PROCESSING INNOVATIONS PAST, PRESENT AND FUTURE

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ABSTRACT

The presentation tracks uranium ore processing innovation from the early formative period in the 1950s through to the 2022. It is divided into the following periods:

1950-1970 Early Process Development Period
1970-1980 Innovation To Combat Changing Conditions
1980-2000 Innovation During Prolonged Industry Downturn
2001-2022 Innovation During An Up And Down Period

The major drivers and major process developments in each period are briefly reviewed.

The presentation concludes with the 2023+ Prognosis for Innovation.

Keywords: Uranium ore processing, innovation, major drivers, future prognosis

(Note: This presentation was first made at the IAEA “Technical Meeting to Collect and Document Innovations in the Uranium Production Cycle”: (Virtual Event), 6-10 June 2022.)