

URENCO USA for
New Mexico Legislature Radioactive &
Hazardous Materials Committee

Presented by:
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Vision, Mission and Values



Our **Vision**

We believe the future needs nuclear power to meet the demand for sustainable global energy.

Our **Mission**

Enriching the future is our commitment, through the global deployment of our nuclear products, services and technology to support sustainable nuclear energy.

Our **Values**

Safety



Integrity

Flexibility



Development

Profitability



Safety and Quality

- Safety and Quality remain THE guiding principles at URENCO USA site.
- 648,615 hours worked without a construction related lost time accident.

- URENCO USA corporate headquarters is located in Eunice, NM
- Approximately 350 full-time URENCO USA employees
- Facility currently has approximately 1000 construction-related staff

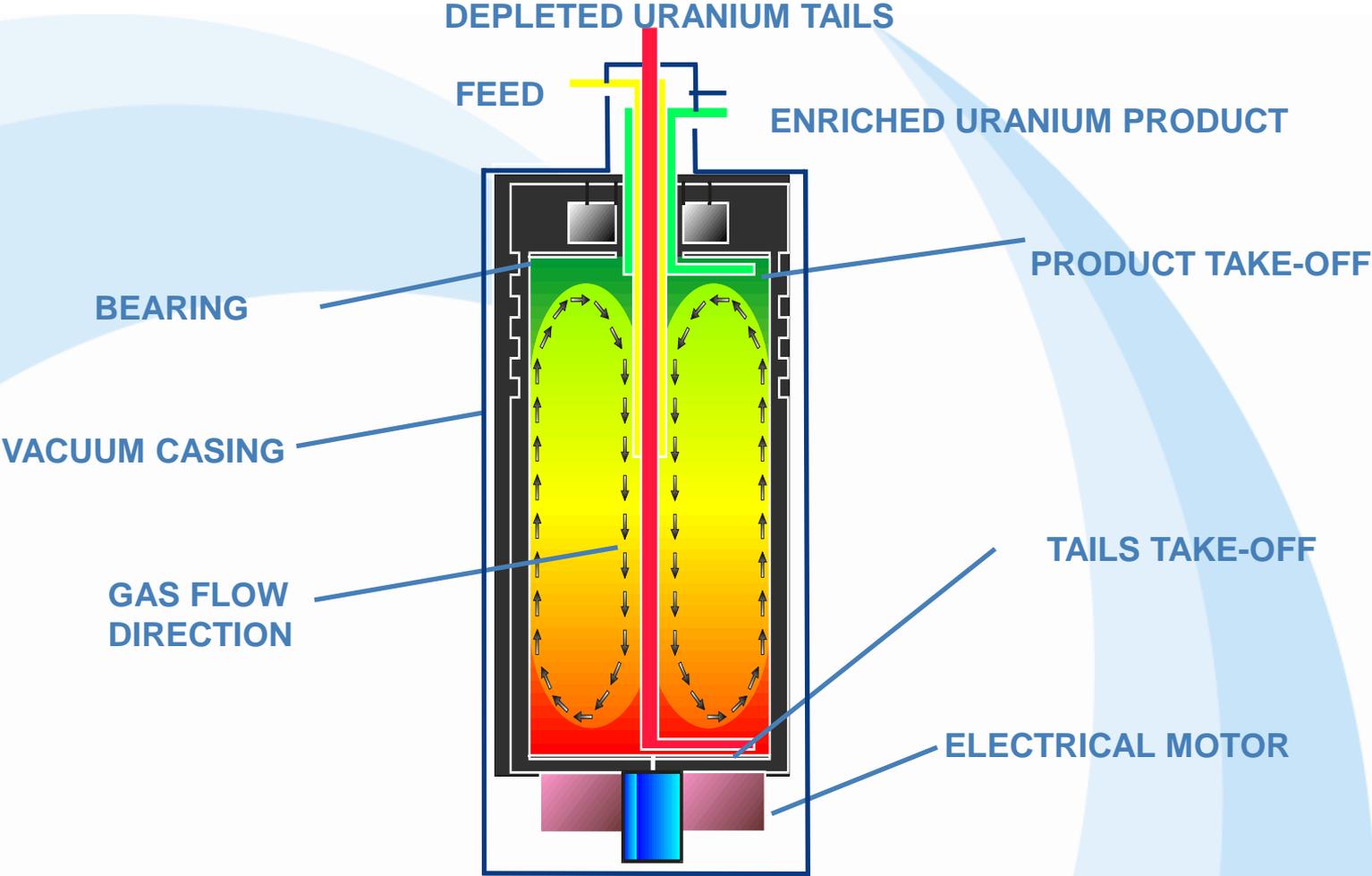
Centrifuge Technology



- Developed by URENCO, a consortium of British, Dutch, and German governments
 - 1970 Treaty of Almelo
 - 1992 Quadripartite Treaty
- Proven to be world's most advanced, energy-efficient, and cost-effective technology for enriching uranium
- Deployed successfully for more than 40 years



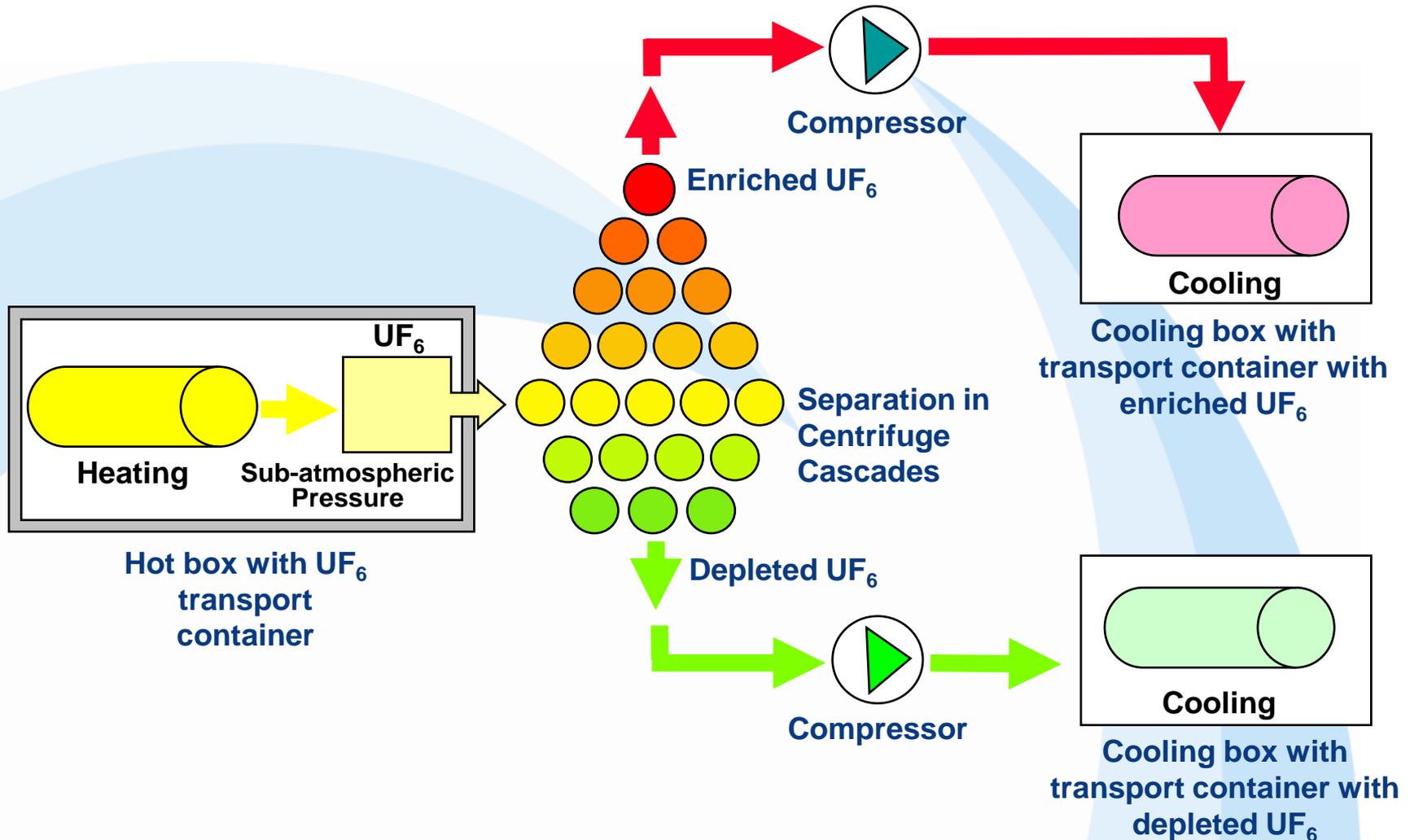
How the Ultracentrifuge Works



URENCO PROPRIETARY

Chart 138.6

Uranium Enrichment Process



URENCO USA Project History



June to June – Combined License (COL) approval to production in 4 years

- 2003: License application to build in New Mexico
- 2006, June: COL issued by the NRC
- 2006, August: ground breaking
- 2007, July: first concrete placement - Central Utilities Building
- 2008, October: access to the Centrifuge Assembly Building
- 2009, September: first centrifuge installed
- 2009, December to 2010, May: NRC Operation Readiness Review
- 2010, June 10: NRC authorized URENCO USA to operate
- 2010, June 30: Full enrichment production in the first Cascade.
- 2012, August 14: First Project Phase II centrifuge in operation.

Current Operating Cascade Status

24 Cascades (TC12) in operation in SBM 1001

16 Cascades (TC21) in operation in SBM 1003

3.0M SWU Capacity (current)

Future Capacity

2013 3.1M SWU/ 41 Cascades

2014 3.7M SWU/ 48 Cascades

2015 4.8M SWU/ 61 Cascades

long-term 5.7M SWU/ 72 Cascades

URENCO USA Plant Eunice, New Mexico Summer 2013



- 3.1 M SWU capacity today
- 40 cascades in operation
- Phase I & II 3,700 tSW/a
- Phase III 2,000 SW/a
- > 1000 feed cylinders received

Phase III: Separation Building Module 1005 September 2013



Phase III: UF6 Handling Area September 2013



Phase III: Utility Service Module September 2013



Phase III: Cascade Halls 1005 & 1006 September 2013



Feed Receipt



Product Shipment



Questions?