

URENCO USA America's Enrichment Plant

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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





 **People**
Employer of Choice

 **Plant**
Most Efficient Producer of Enriched Uranium

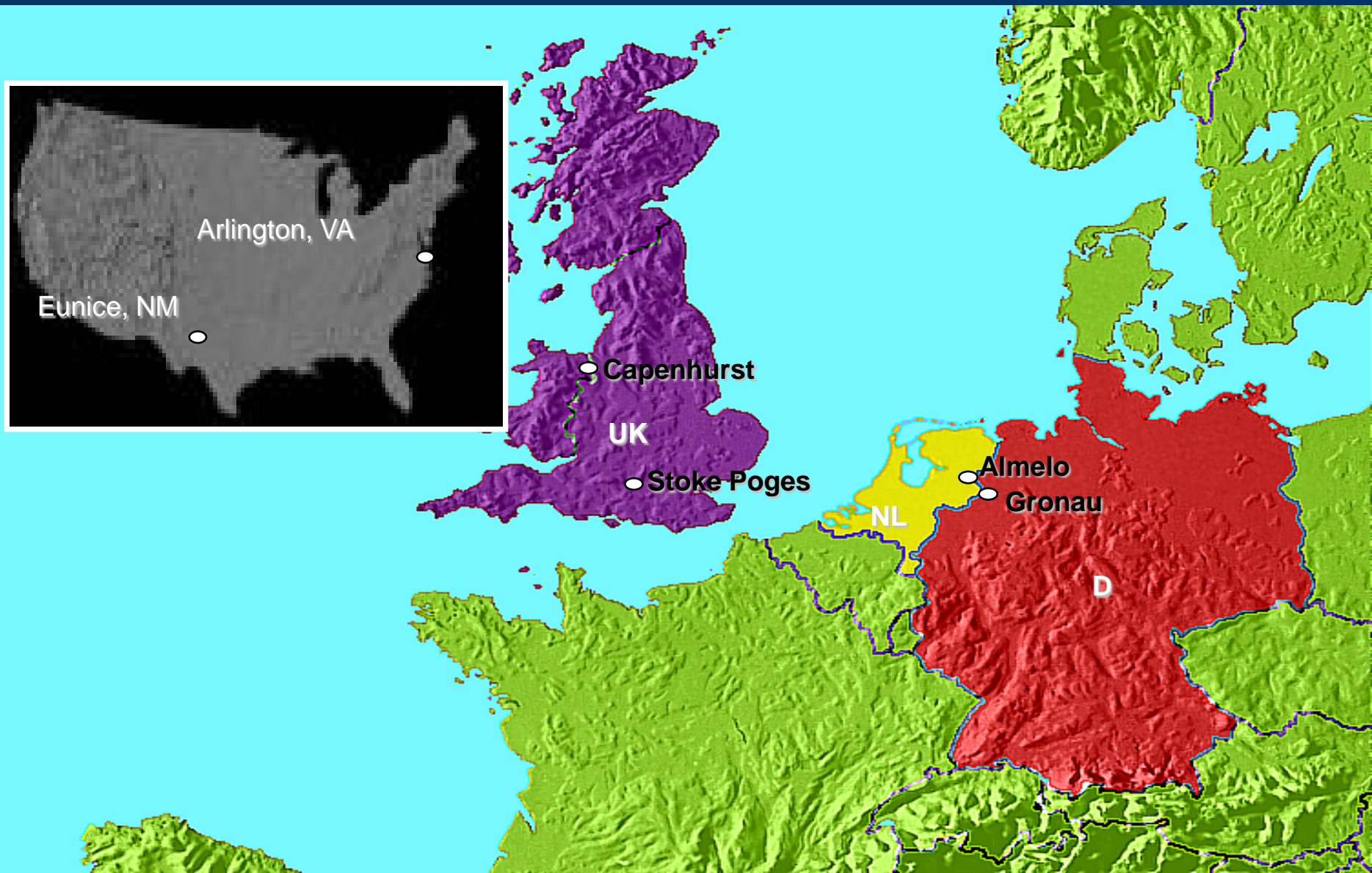
 **Community**
Trusted Community and Industry Leader

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 in Europe for more than 40 years



URENCO Overview

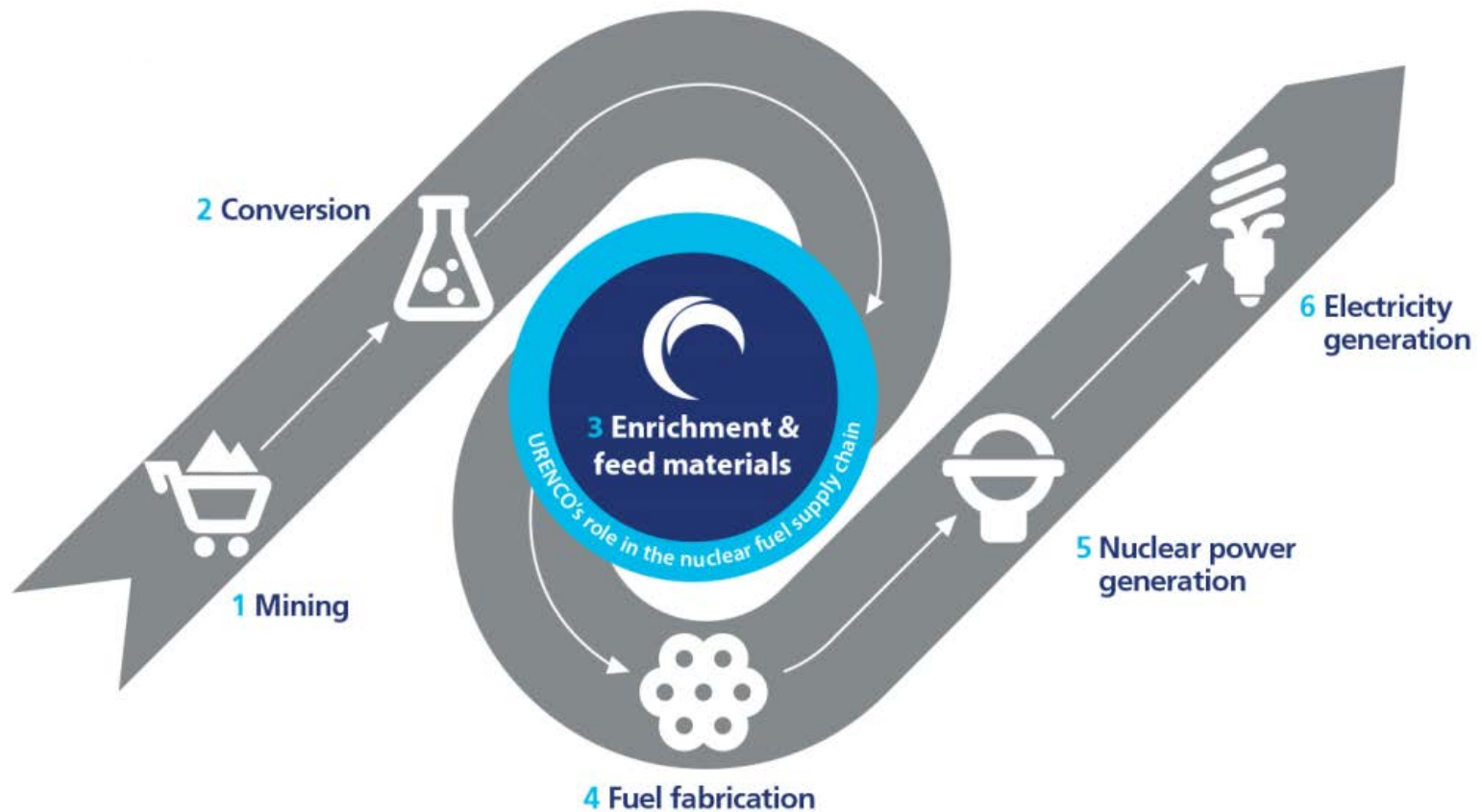


Supply Diversity and Flexibility

URENCO Global Operations



Nuclear Fuel Cycle



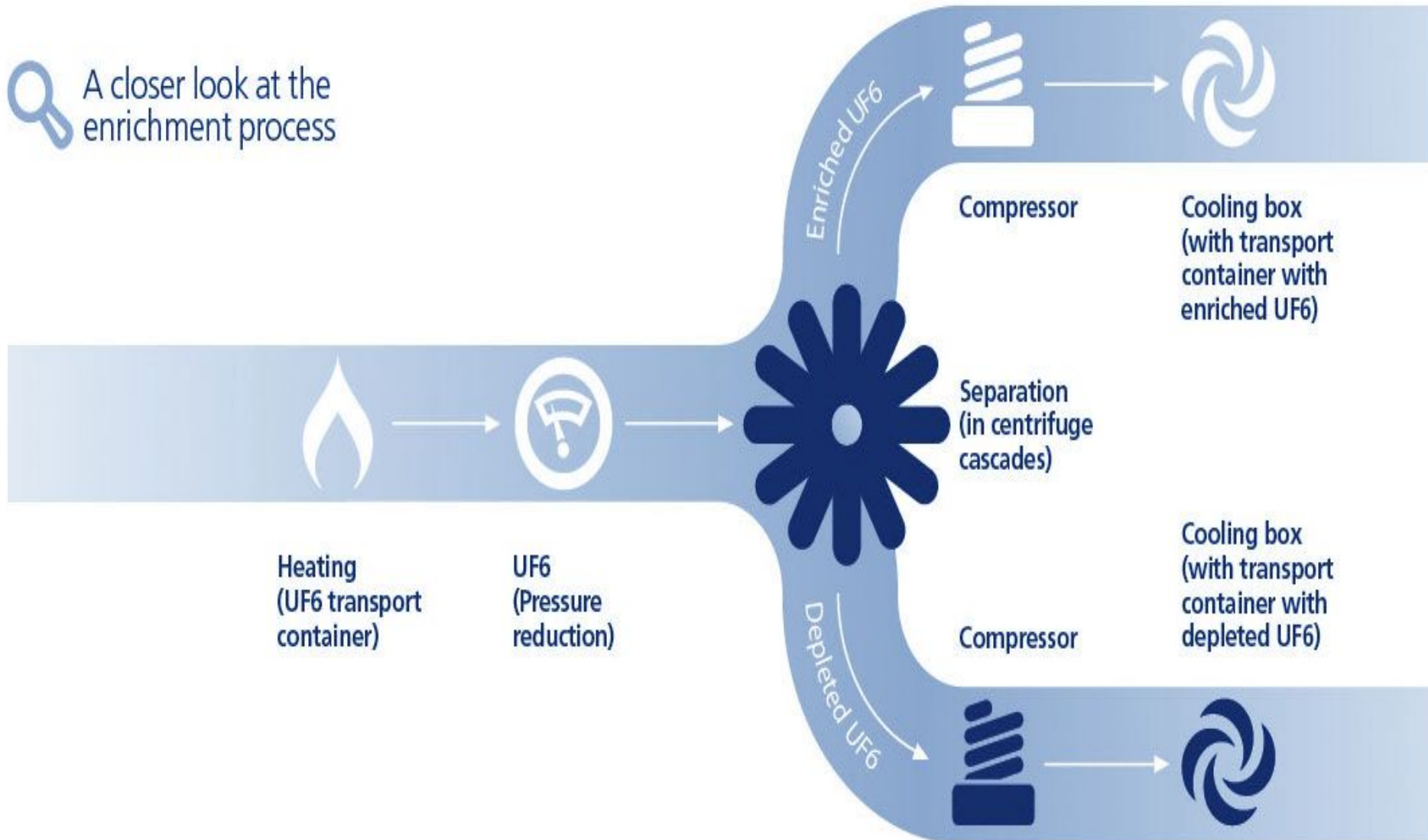
Feed Receipt



The Enrichment Process



A closer look at the enrichment process



What is SWU?

- A SWU (separative work unit) is how much effort it takes to squeeze oranges (feed) in order to get orange juice (product). What's left is orange skins (Tails).



Product Shipment

ureenco



Project History



- URENCO USA corporate headquarters is located in Eunice, NM
- Approximately 280 full-time employees
- Facility currently has approximately 100 contractor related staff

Project History of URENCO USA

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.
- 2014, March: Phase II fully operational
- 2015, January: first cascade on-line in SBM 1005
- 2016, July: Current Capacity Attained

URENCO USA in the Early Stages



2006, Greenfield Site



2007, Groundwork begins



Current Capacity: 4.8 M SWU
Roughly 1/3 US annual demand
Planned Capacity: 5.7 M SWU

Community Engagement

Community Engagement



- Annually, on average 1-2 tours are provided weekly
- Over 1,000 people visit the site annually
- Tour groups include state and federal elected officials, area students, New Mexico state wide leadership & community organizations

Community Engagement

- Participation in local/state/national professional associations and community service organizations
- Presence at key community events and hosts a community service fair for employees
- As part of our Internship program, Interns are encouraged to participate in community service activities. To the right, the 2016 Interns helped Manna Outreach with a yard sale to raise money for food & clothing for those in need



Community Engagement



- Spearheading diverse community enrichment opportunities such as the annual Women's Symposium and LEGO League Competitions
- URENCO USA employees have volunteered almost 1300 hours in 2016 to support area organizations and provide hundreds of gifts and food to children during the holiday season



9/11 DAY OF SERVICE

- The 9/11 Day of service started with the grassroots efforts of Plant Engineering to repair an elderly woman's home in 2008.
- Since 2008, URENCO USA has made separate repairs on 135 senior citizens homes in the communities where our employees live.





- URENCO USA has been the largest donor to Lea County United Way since 2008. To date, our employees have given over \$1,200,000
- Each year, URENCO USA provides \$500,000 in sponsorships and donations to area non-profit organizations

Scholarships and Internships



SCHOLARSHIPS

- URENCO USA awards approximately \$150,000 in student scholarships annually.
- URENCO USA has awarded approximately \$600,000 in scholarships to local students since 2009.

INTERNSHIPS

- URENCO USA offers approximately 16 paid internships each year to college students in a variety of area within the plant.

Richie Enrichment Science Workshop



- Provides workshops within a 50-mile radius of the plant
- Annually reaches 20 schools and approximately 2,100 students
- Provides workshops during the summer enrichment programs for grades K-3 for 400 students
- Held the first annual Summer Richie Science Camp at UUSA in 2016 (pictured on the left)
- Utilizes 150 employee volunteers



Questions?