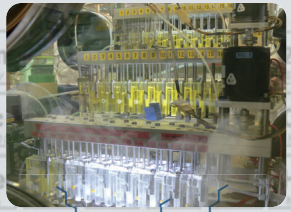
Extraction of Valuable Metals from High-Level Liquid Waste

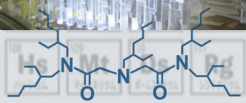
Recovery of valuable metals like Am from high-level liquid waste.

- Recovered elements are reused in energy technologies.
- Reducing waste volume and promoting resource efficiency.
- Enabling sustainable and peaceful use of radioactive materials.

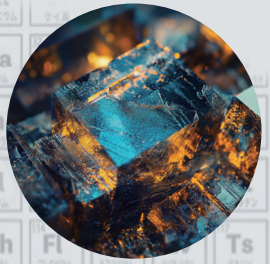
High-Level Liquid Waste

Solvent Extraction System





Extraction



e.g., Rare-earth Elements

Catalyst	Heat source	Medical care	Functional materials	RI battery
Ru, Rh, Pd	Cs	Sr, Mo	Zr, Ce, Nd	Am

Turning waste into something valuable - the future of resource creation.