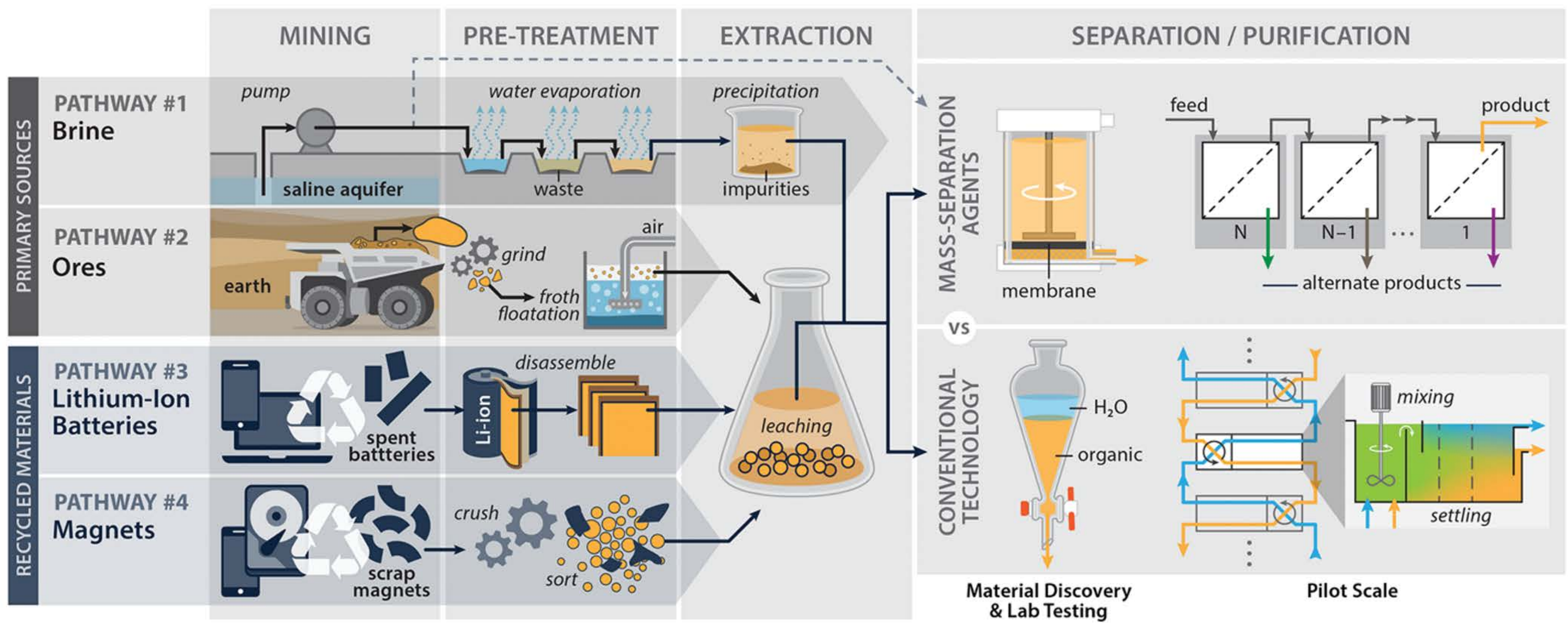


# PrOMMiS: Transforming the National Landscape for Critical Minerals and Rare Earths



PrOMMiS (Process Optimization and Modeling for Minerals Sustainability) is an NETL-led multi-institutional collaboration building a framework and modeling platform to enable design choices with costing, to perform process optimization, and to accelerate development and deployment of extraction and purification processes for critical minerals/rare earth elements at reduced risk. PrOMMiS integrates NETL-associated process tools and models from the Institute for Design of Advanced Energy Systems (IDAES), Carbon Capture Simulation Initiative (CCSI) and other programs, and leverages current and recently completed projects as case studies for testing and validation.

PrOMMiS helps to guarantee national strategic objectives for critical materials:

- Secure supply chains.
- Economic competitiveness.
- Environmental responsibility.

NETL PARTNERS

