

Energy in Motion: Atoms on Wheels - Safe, Monitored Transportation of Microreactors

Goal: Providing knowledge of future large-scale microreactor transportation in the U.S.

Technical Landscape: A digital twin enabled with real-time sensing and active data transmission from the transportation unit.

Problem Addressed: Knowledge gap of safe and efficient microreactor transportation.

Key Metrics: Demonstrate reduction in training time and provide real-time driver informed information

Approach and Plans: phase 1 proof-of-concept demo; phase 2 full scale digital twin

Commercialization & Transition: Partner with microreactor startups via NDA or MOU agreement

