



Moltex technology and plans

Turning once-used nuclear fuel from a liability to an asset

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WATSS
(Waste To Stable Salt)
A facility in which nuclear waste is recycled to produce fuel suitable for a fast reactor.

GridReserve
A series of tanks used to store thermal energy from the reactor and dispatch it to the grid when needed.

SSR-W
(Stable Salt Reactor - Wasteburner)
A fast reactor that uses recycled nuclear waste as fuel.

Potential Location for Moltex



WATSS waste **recycling** is *not* conventional reprocessing

Conventional reprocessing plant

vs.

WATSS facility

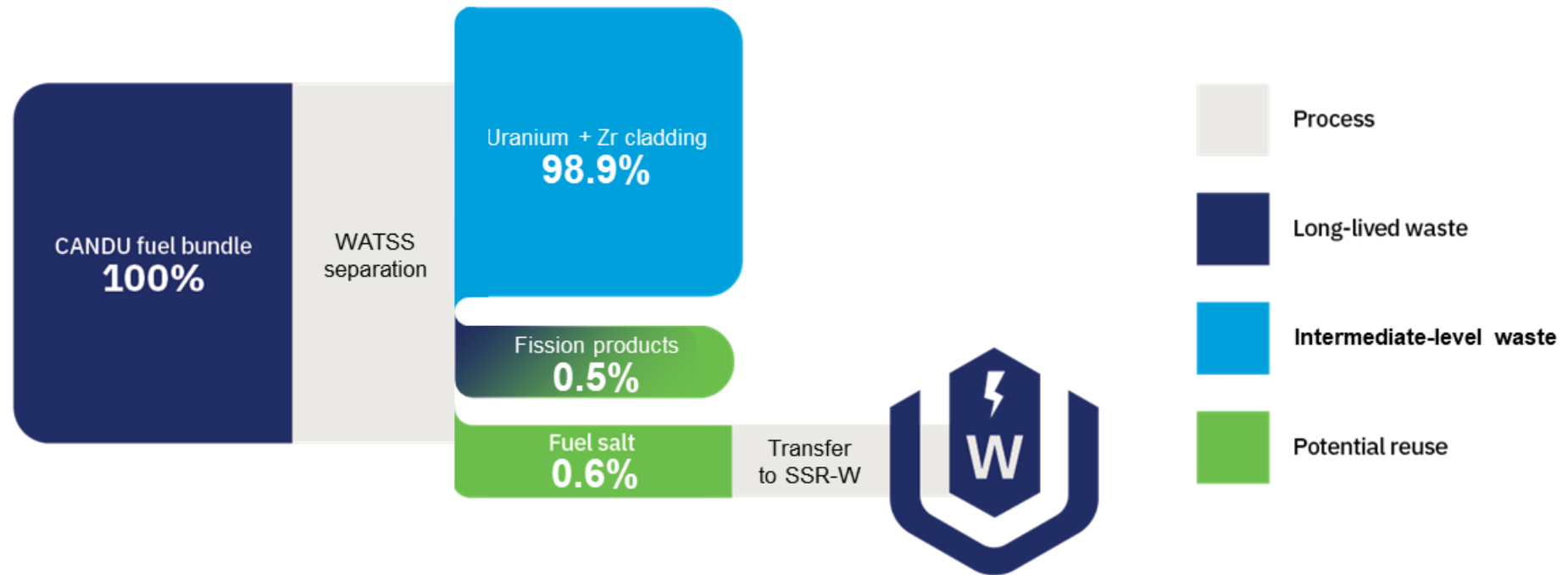


Designed to produce weapons grade Pu
Size of large airport
>\$2B Capex

Note vehicles
for scale

CANNOT produce weapons grade Pu
Size of hockey rink
\$0.3B Capex

WATSS: The safe, affordable approach to recycle spent fuel



Overview of the SSR-W

- High temperature, molten salt reactor
- 300-500 Mwe per reactor
- Small land footprint (20 acres for reactor and all ancillary buildings)
- No pressure to contain
- Dramatic reductions in complexity of management, safety and containment systems

