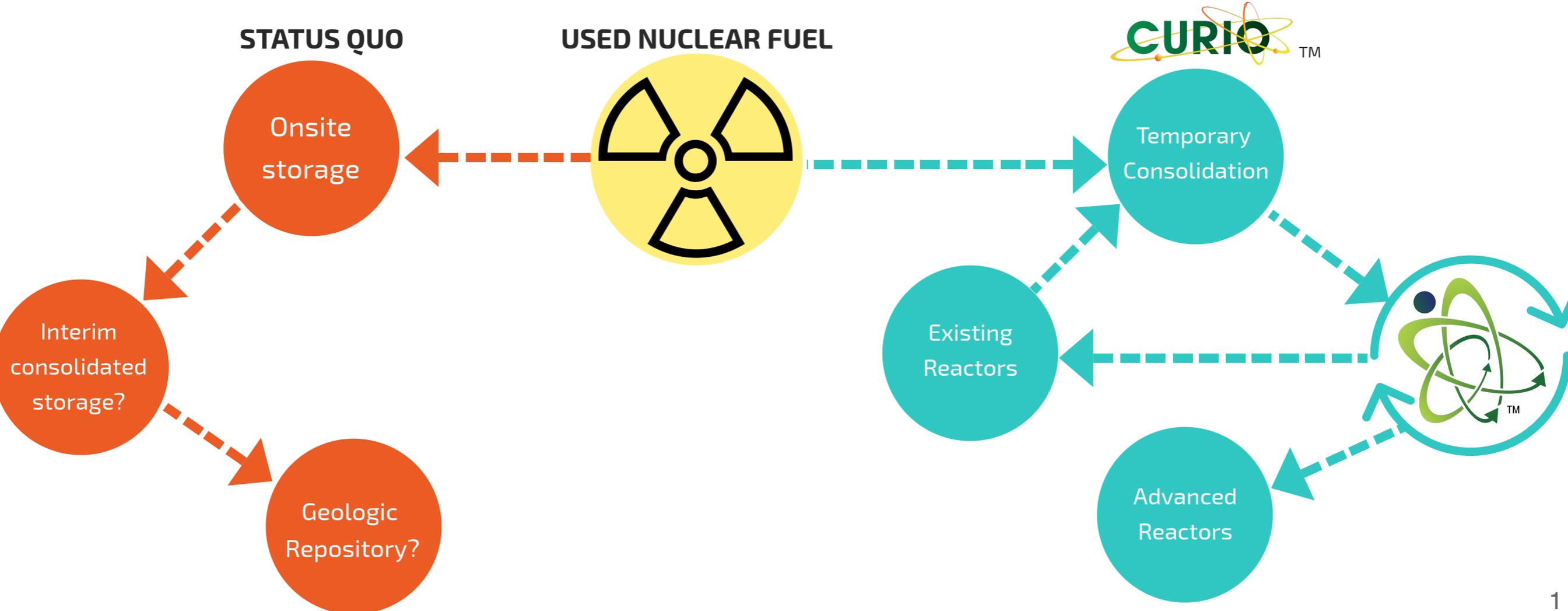


LEGACY MEETS DESTINY

CLOSING THE FUEL CYCLE WITH NuCycle™

a novel solution for nuclear waste recycling, that eliminates nuclear waste and produces the fuel of the future



STATE-OWNED VS PRIVATE ENTERPRISE

With its modular, compact, scalable, and proliferation resistant design, the **NuCycle™** facility would be the size of Soldier Field, Chicago, in comparison, to the facility in LaHague, France, which has a footprint the size of Downtown Chicago. This outdated and uneconomical solution makes the case for **Curio's™ NuCycle™** technology.



The LaHague Facility has an approximate footprint of 2.3 sq mi.

NuCycle facility has a projected footprint of 0.62 sq mi.

THE NUCYCLE™ PROMISE

- The **NuCycle™** process will reduce quantity of waste by more than 95% and radiotoxic lifetime by more than 99.7%
- Products include feed for uranium enrichment plants, fuel for advanced reactors, feed for Pu-238 production, and material for next-gen nuclear batteries
- Enormous upsides for consenting state including nuclear fuel exports and guaranteed tax revenues for the lifetime of the **NuCycle™** plant

RADIOTOXIC LIFETIME

above background levels (in years)

Status quo

After NuCycle

130,000

300

PRODUCTS FROM NUCYCLE

(in MT)

Uranium 3.5 wt%

TRU_{fuel}™

Np-237 feed

Beta-emitters

800

40

1.6

2.4



reduction in the
quantity of initial
waste



THE SECOND NUCLEAR ERA™