



An Oklahoma Solution to a National Challenge

A proposal to the U.S. Department of Energy

Oklahoma's Process

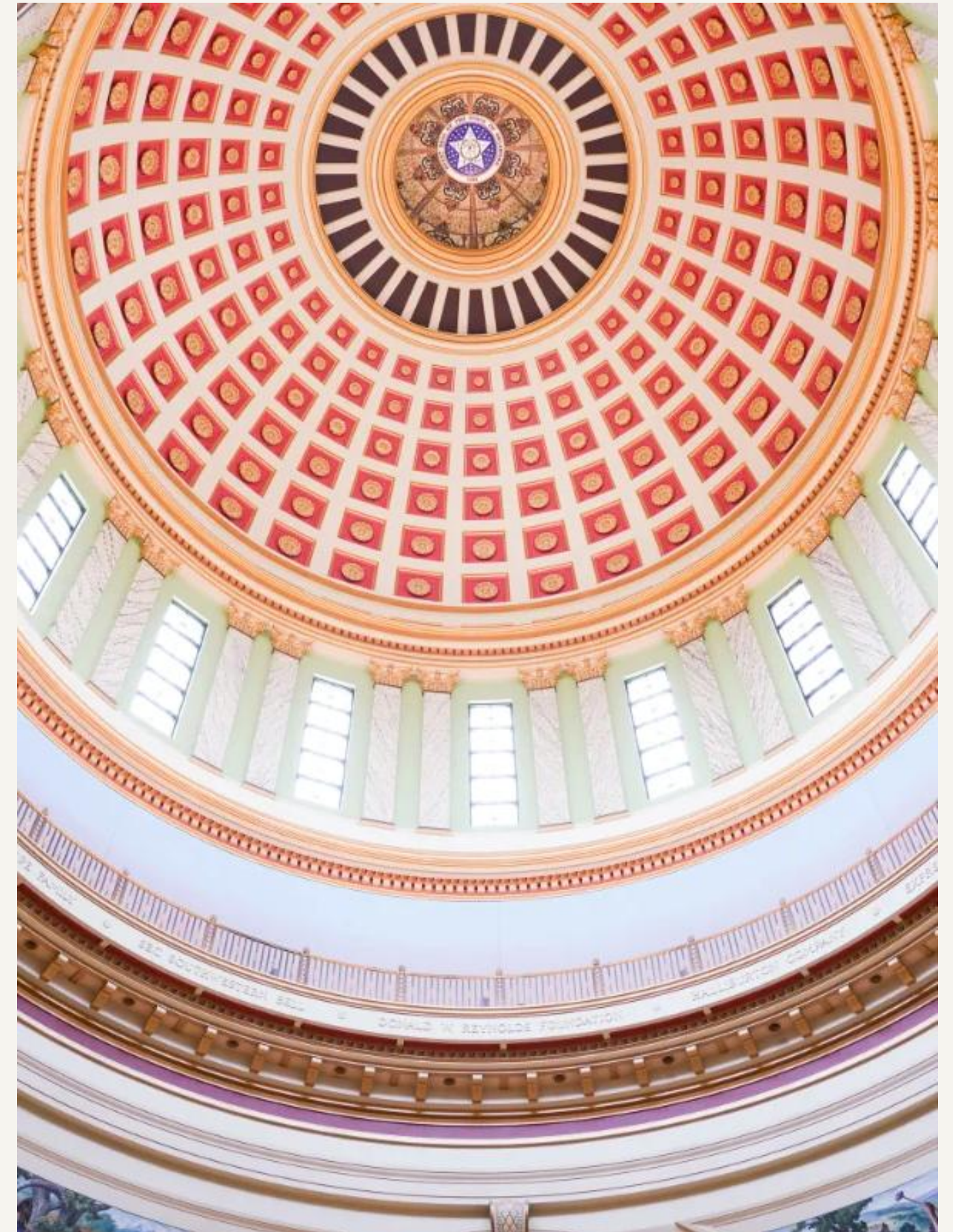
Voluntary and transparent

Widespread Support for NLIC by Oklahoma's Leaders

Substantial Economic Opportunity and Development

Community Needs and Social License

Oklahoma sought this opportunity to provide a solution —
and with Oklahoma communities we will succeed



The Proposal: One Campus, Three Nodes

*An integrated approach —
not a single facility*

NODE 1

Reactor Deployment and Isotope Production

Clean baseload power, co-located
medical and industrial isotopes

NODE 2

Fuel Cycle: Enrichment Through Recycling

The full middle of the fuel cycle on
one site

NODE 3

Used Nuclear Fuel Management

Permanent management via deep
borehole technology

Named partners are anchor partners, not the full and final roster. Every figure in this deck is the floor, not the ceiling — each node is designed to support additional operators as the campus grows.

Reactor Deployment and Isotope Production

The power engine of the campus

PROPOSED

- Advanced nuclear reactors providing clean, reliable baseload power
- Co-located medical and industrial isotope production
- Room for research and academic reactor use as the node expands

REQUIRES

- Grid interconnection
- Reactor fleet site footprint
- Rail access for isotope distribution

PARTNER STATUS

- Anchor partner in place
- Sized to add operators — the ~500 acres is a floor, not a ceiling

1,050 MW

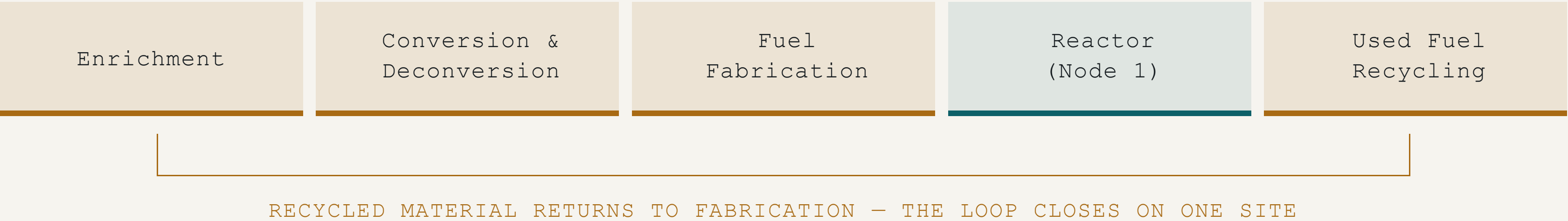
Total generation capacity

~500 acres

Site footprint — floor, not ceiling

Fuel Cycle: Enrichment Through Recycling

The function that closes the domestic fuel loop



REQUIRES

- Rail access in and out
- ~500 acres combined, and the highest grid demand of any node
- Room for additional acreage, to be determined as the enrichment partner is determined

PARTNER STATUS

- Fuel fabrication and recycling: anchor partner in place
- Enrichment and conversion: active conversations, near-term priority — this is where the node grows

■ NODE 3

Used Nuclear Fuel Disposition

Permanent, safe management using deep borehole technology

KEY ASPECTS

Thorough geological assessment

A defined transportation and licensing pathway

Rail and power access

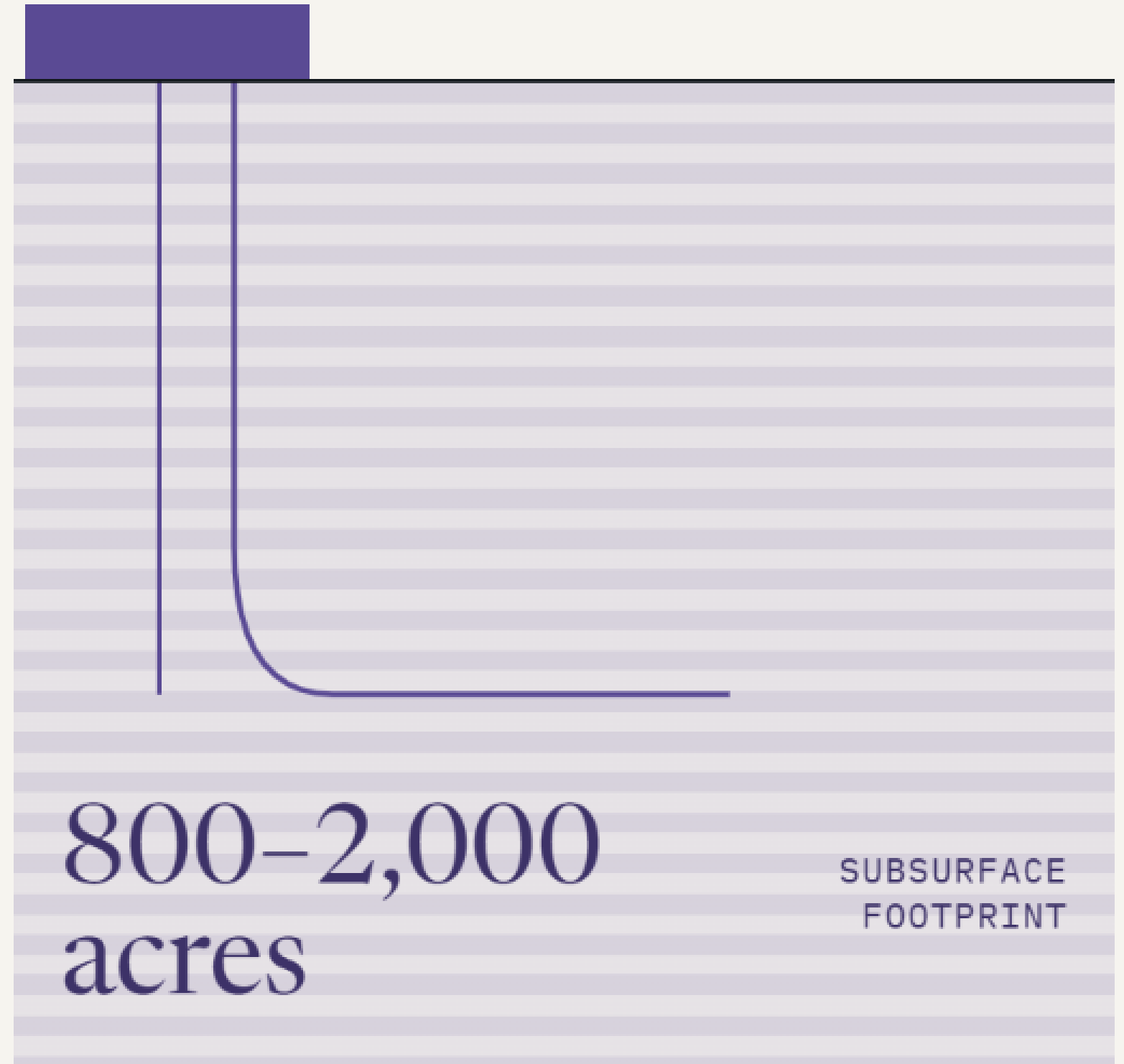
This effort will be the most collaborative with key stakeholders

PARTNER STATUS

Named technology and execution partners in place

40 acres

SURFACE FOOTPRINT



SUBSURFACE RANGE DEPENDS ON SITING — FLOOR, NOT CEILING. SCHEMATIC, NOT TO SCALE

Oklahoma's Readiness

The workforce, infrastructure, and coalition behind this proposal

WORKFORCE

Oklahoma's oil and gas workforce transfers directly to nuclear construction and operations

COALITION

Private-sector and academic partners coordinating together since March 2026

TRAINING

CareerTech infrastructure ready to build nuclear-specific certification on existing trades training

PATHWAY

Oklahoma understands the regulatory and legal questions ahead and has a defined position on them