



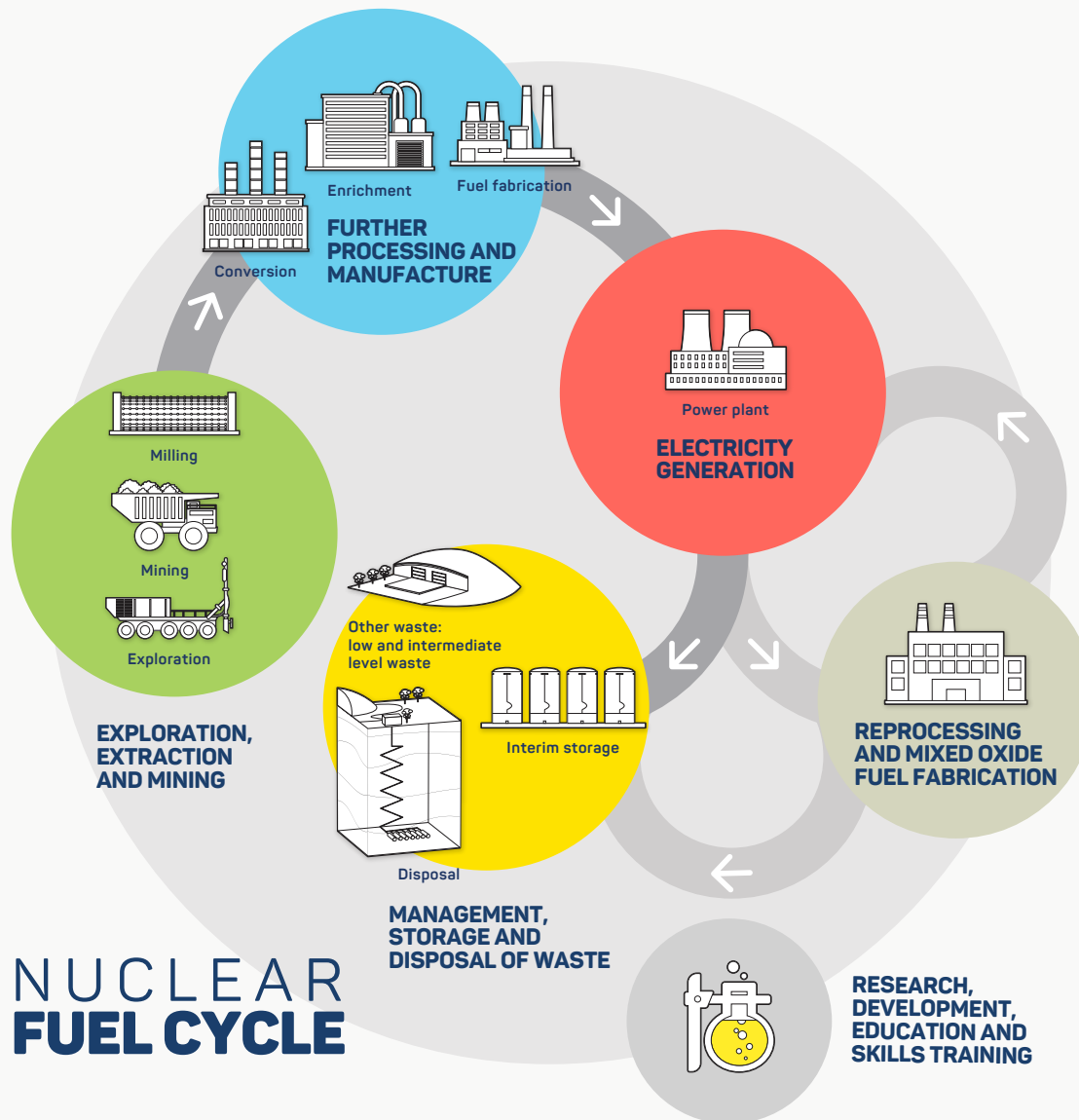
Final report

May 20**16**

nuclear**rc**.sa.gov.au



[Terms of Reference and the Nuclear Fuel Cycle]





[Management, storage and disposal of waste]

South Australia has
attributes and **capabilities**
to safely undertake
international **waste disposal**

Opportunity to draw on
international experience
from existing programs

Potential for **significant**
inter-generational economic
benefit to the community

Significance of **social** and
community consent

Recommend:

Pursue purpose-built
waste storage and disposal facility

Remove legislative **constraint** to
considering this opportunity

Remove legislative **prohibitions**
to enable **fuel leasing**



[Key considerations]

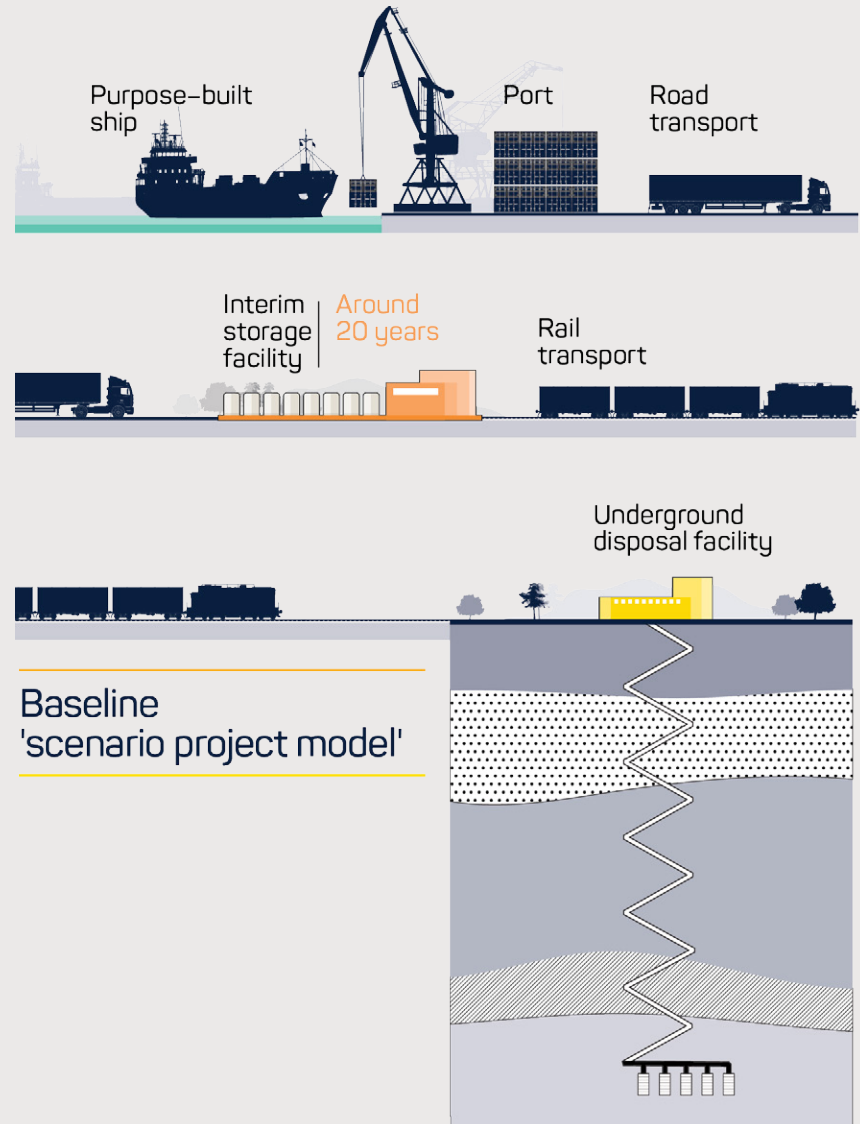
Submissions, responses and
community engagement

Key themes identified:

Safety

Economics

Industry impacts, transport,
security and non-proliferation



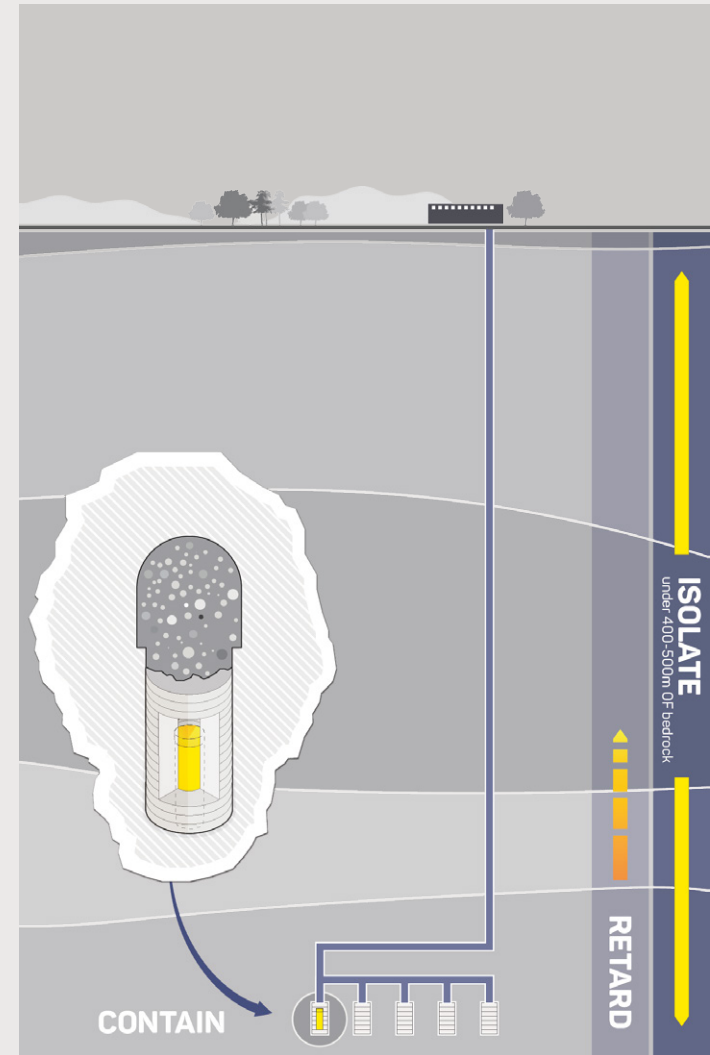
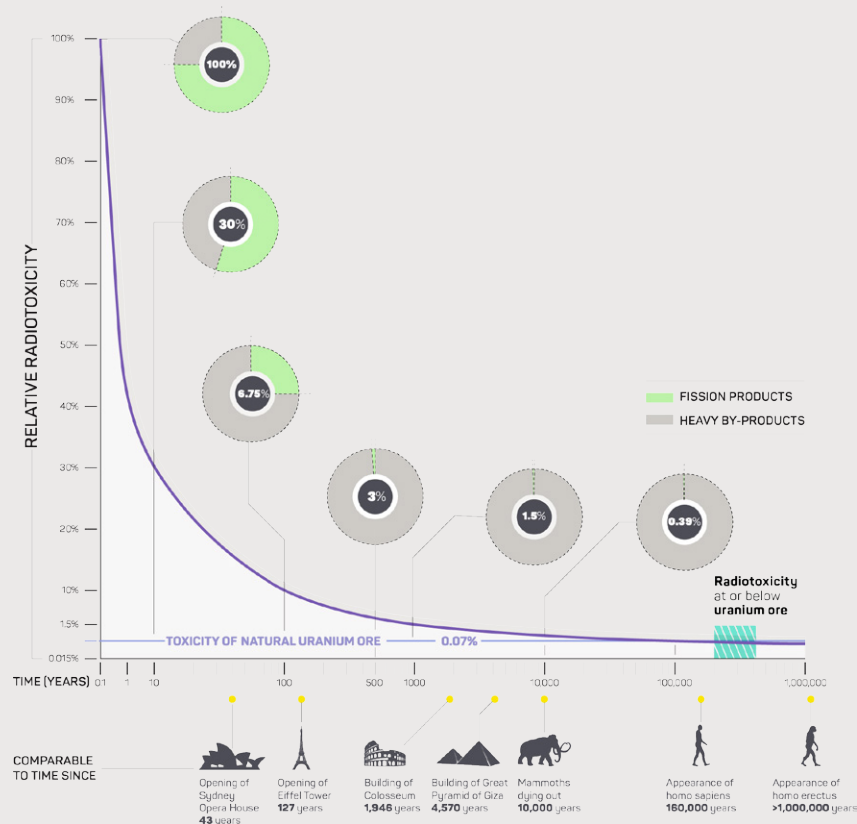


Safety assured through combination of:

Geology

Engineered **barriers**

Detailed **understanding**
of the radiological **risks**





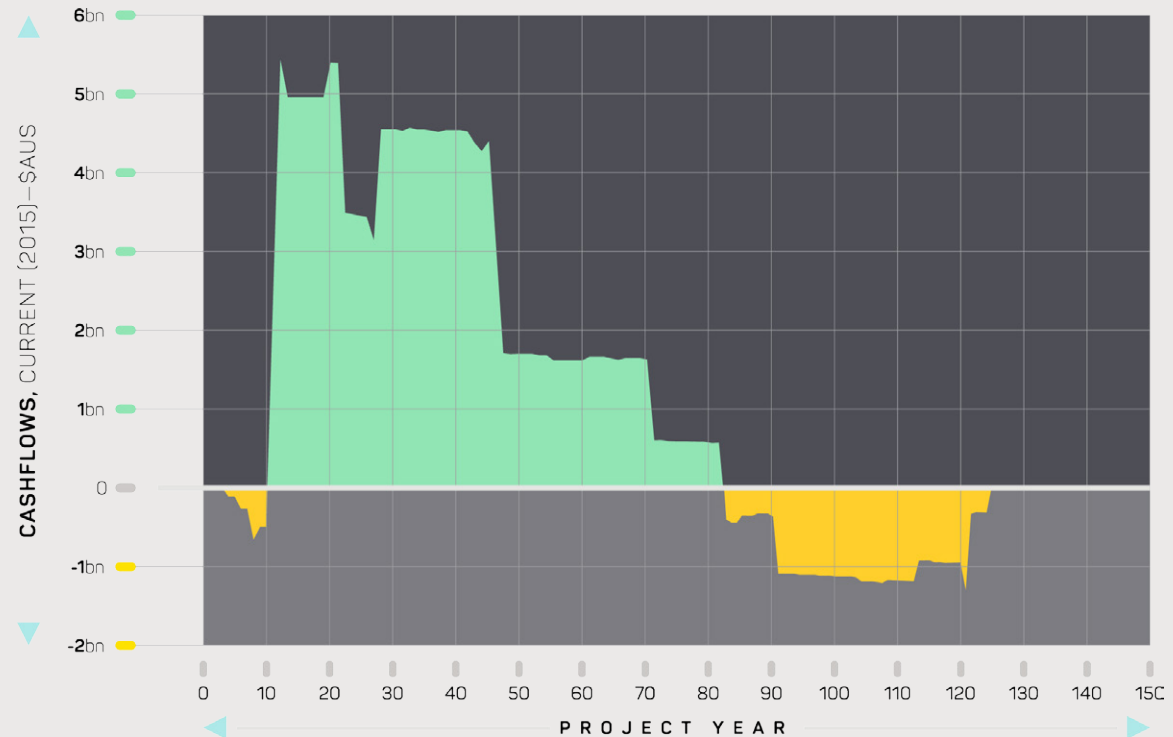
ECONOMIC MODELLING (BASELINE SCENARIO)

\$257 billion revenue, costs
of **\$145 billion**

costs include \$32 billion
reserve fund

equates to \$51 billion
discounted at 4%

State Wealth Fund
could accumulate around
\$445 billion over 70 years





[Next steps: Immediate]

State government to:

Make public the
Commission's **report** in full

Define broad **concept** to
seek community views

Establish agency with
independent board to
undertake community
engagement to assess
social consent

Agency to also:

Prepare draft **concept**
development framework
including initial siting criteria

Seek support and
cooperation of the
Australian Government

Determine
potential **client** nation



[Next steps: Future]

Assuming immediate steps
lead government to proceed
further:

Pass legislation to **facilitate**
and **regulate** proposed
development

Support detailed project
proposal, including consent-
based siting process



QUESTIONS