

Closing remarks and conclusions

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So far, the PRACLAY Heater Experiment has met its pre-defined success criteria with highly positive results

Succes Criteria

1. Thermal Impact on the Clay

Assess heat dissipation from heat-emitting waste

Evaluate THM effects on damaged/disturbed host rock

Confirm absence of Boom Clay liquefaction

2. Structural Stability Concrete

Assess concrete lining stability under thermal stress

3. Migration of radionuclides

Strengthen evidence of limited thermal impact on radionuclide transport

4. Monitoring & Strategy

Advance monitoring under realistic conditions

Develop a robust monitoring strategy

5. Communication & Integration

Embed PRACLAY experiment in overall communication strategy

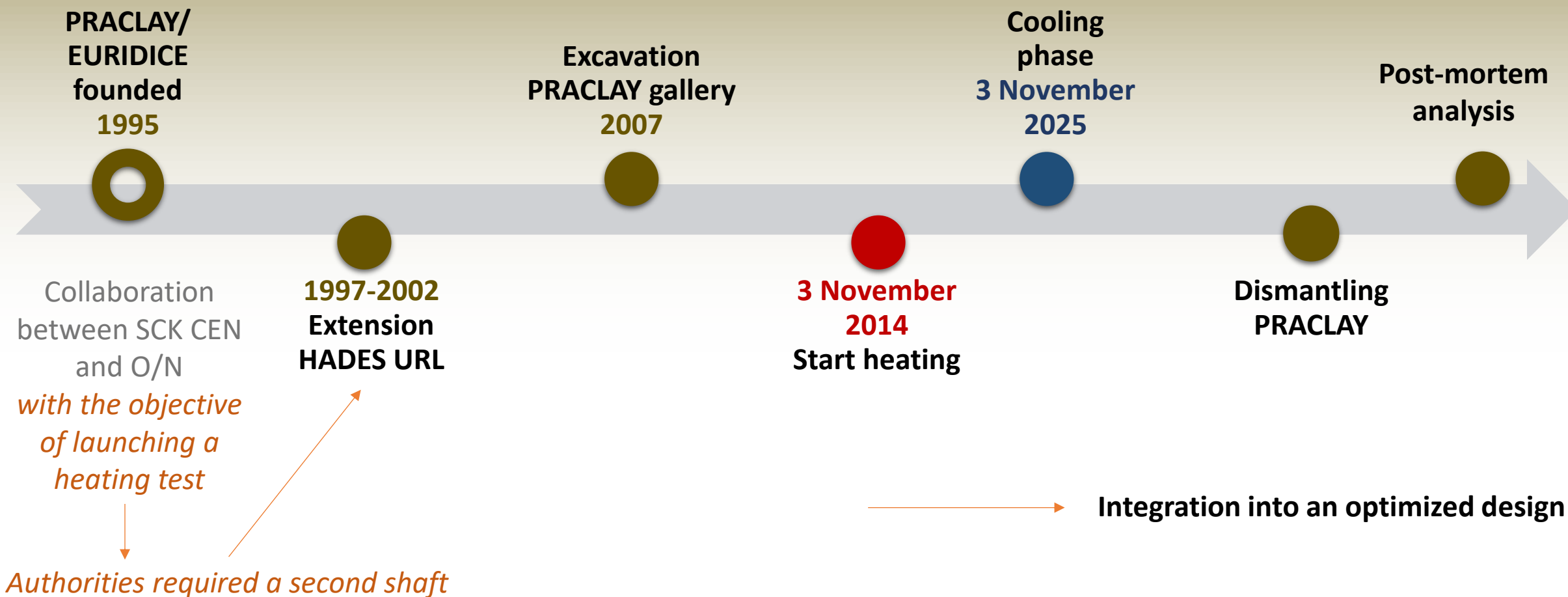
Positive Evaluation

The success criteria set before launching the PRACLAY Heater Experiment are met

But it takes time

- **Commitment to Quality:** Not a lack of effort, but a deliberate, evidence-based approach
- **Stepwise Demonstration:** From laboratory to large-scale, ensuring feasibility and safety
- **Rigorous Validation:** Long-duration experiments are essential in this context

Timeline of PRACLAY



A warm Thank You to everyone who contributed!





PRACLAY 2025

CLOSING THE HEATING CHAPTER,
OPENING THE COOLING PHASE