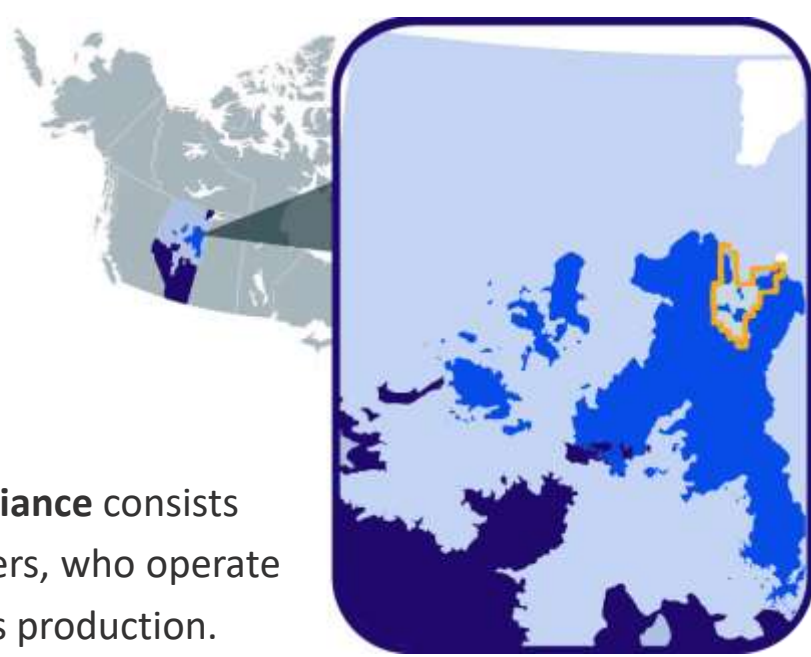


# SMRs for Canadian Oil Sands Applications

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## The Pathways Alliance

- The **Oil Sands Pathways to Net Zero Alliance** consists of Canada's six largest oil sands producers, who operate facilities accounting for 95% of oil sands production.
- The **Pathways Alliance goal**, working collectively with the Federal and Alberta governments, is to achieve **net zero greenhouse gas (GHG) emissions from oil sands operations by 2050** to help Canada meet its climate goals, including its Paris Agreement commitments and 2050 net zero aspirations.
- Our plan includes reducing current oil sands GHG emissions by about **22 Mt of CO<sub>2</sub>e/yr<sup>1</sup>** by 2030 towards achieving net zero 2050.

# Overall plan to get to net zero

No single solution gets us to net zero – multiple parallel pathways are needed.

Proposed emissions reductions by phase, Mt CO<sub>2</sub>e/yr<sup>1</sup>

<sup>1</sup> Magnitude of reductions in each decade can be adjusted based on chosen investment level.

<sup>2</sup> Carbon capture in Phase 1. In Phase 2 or 3, could include carbon capture technology, small modular reactors and/or hydrogen

