

Planned oilsands projects in Canada				
Company	Project	Cost, USD*	Startup date*	Other details
Upgraders				
Canadian Natural Resources (CNRL)/North West Upgrading	Upgrader	4.1B	2013	Proposed feedstock is Alberta's royalty-in-kind bitumen
Suncor Energy/Total	Voyageur 3 upgrader	11.8B	2016	Highest estimated cost of all oilsands projects
Synchrude Canada	Phase 4 upgrader expansion	2.3B	N.A.	Phase 2 of Aurora South mine trains also under pre-engineering study
Mines				
CNRL	Horizon Phases 2, 3	1.0B	N.A.	N.A.
Fort Hills Energy	Mine	9.1B	N.A.	Project is a j.v. of Suncor, Total, and Teck Cominco
Imperial Oil/ExxonMobil	Kearl River Phase 1	8.1B	2012	Under construction
Silverbirch Energy	Equinox	2.5B	N.A.	Proposed
Silverbirch Energy	Frontier Phase 1	6.1B	N.A.	Proposed
Suncor/Total	Joslyn North mine	6.1B	N.A.	N.A.
In-situ projects				
Cenovus Energy	Christina Lake Phases 1E, 1F, 1G	3.0B	2016	Steam-assisted gravity drainage (SAGD) project
ConocoPhillips/Total	Surmont Phase 2	2.0B	N.A.	Under-construction SAGD project
Husky Energy/BP	Sunrise Phases 1, 2	4.5B	2014 (Phase 1)	SAGD project; Phase 2 postponed for cost review and project optimization
Imperial Oil	Nabiye (Cold Lake)	1.3B	2015	SAGD project
Japan Canada Oil Sands/ Nexen	Hangingstone	1.2B	2014	Proposed SAGD project
Larcina Energy	Germain	253.9MM	2012	Proposed commercial demonstration project would involve solvent and SAGD
MEG Energy	In-situ Phase 2	1.4B	N.A.	SAGD project
Osum Oil Sands	Taiga	1.6B	2018	SAGD project
Petrobank Energy and Resources	May River Phase 1	253.9MM	N.A.	FEED underway for toe-to-heel air injection project
Shell Canada	Carmon Creek (Peace River)	3.5B	2016	SAGD project
Value Creation/BP	Terre de Grace	3.6B	N.A.	SAGD project; on hold
*Estimated				