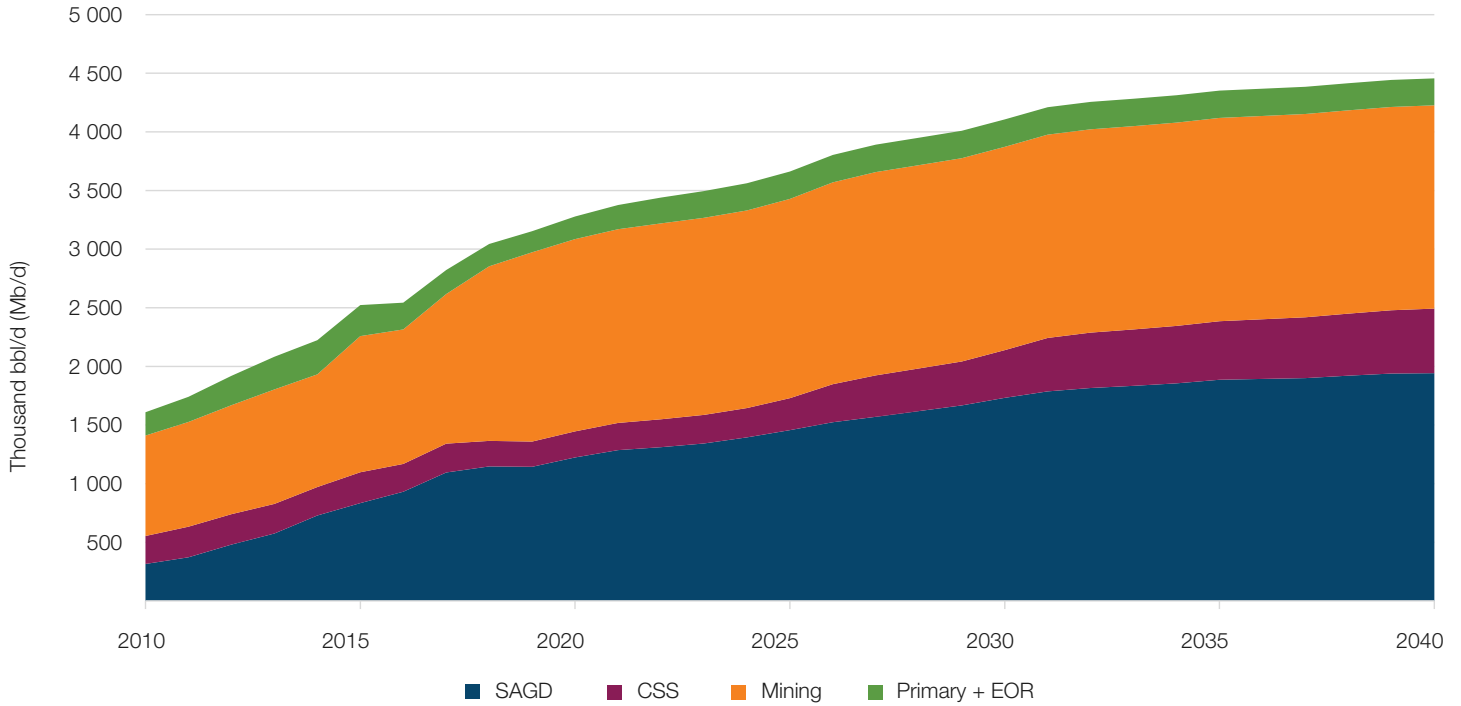




Oil Sands

Canada's Energy Future 2019

Raw Bitumen Production by Type



Raw bitumen production from the oil sands increases throughout the outlook period, albeit at a slower pace than in previous years. Production growth is dominated by Steam Assisted Gravity Drainage (SAGD) which increases by 795 Mb/d from 2018 to 2040, making up 44% of production by 2040.

	2010	2015	2020	2025	2030	2035	2040
Raw Bitumen Production (Mb/d)	1 609	2 523	3 278	3 662	4 106	4 352	4 456
<i>Mining</i>	857	1 161	1 640	1 699	1 734	1 734	1 734
<i>In Situ</i>	752	1 362	1 639	1 963	2 372	2 618	2 722
<i>Diluent Use</i>	287	506	757	829	937	949	989

25

Active In Situ projects

6

Active Mining projects

121

Active Primary and Enhanced Recovery projects

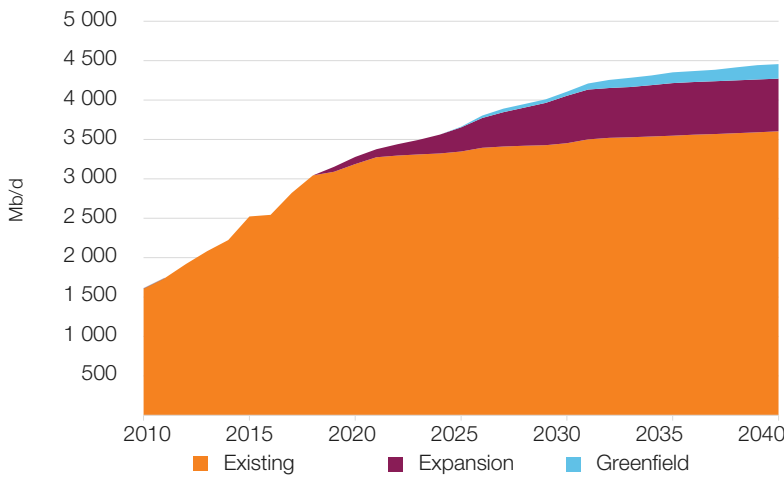
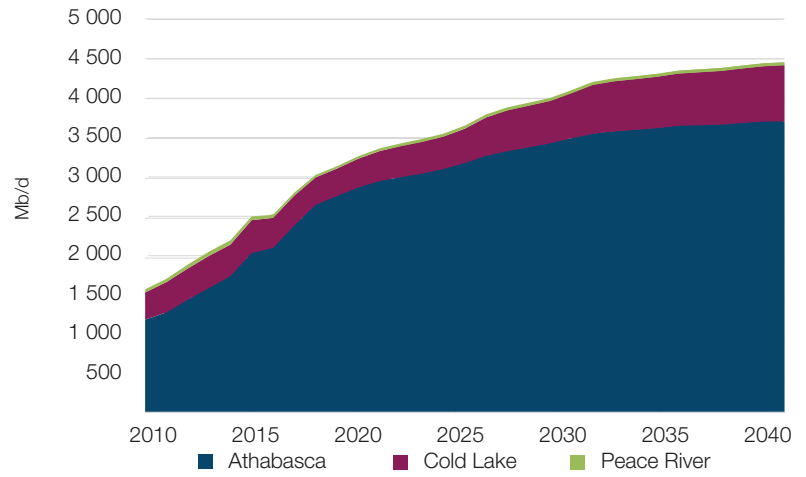
30

Average percentage of diluent in 1 barrel of dilbit

Oil Sands Production by Area

The Athabasca region produces the majority of raw bitumen, both now and throughout the outlook.

By 2040 it will be responsible for 83% of all production.

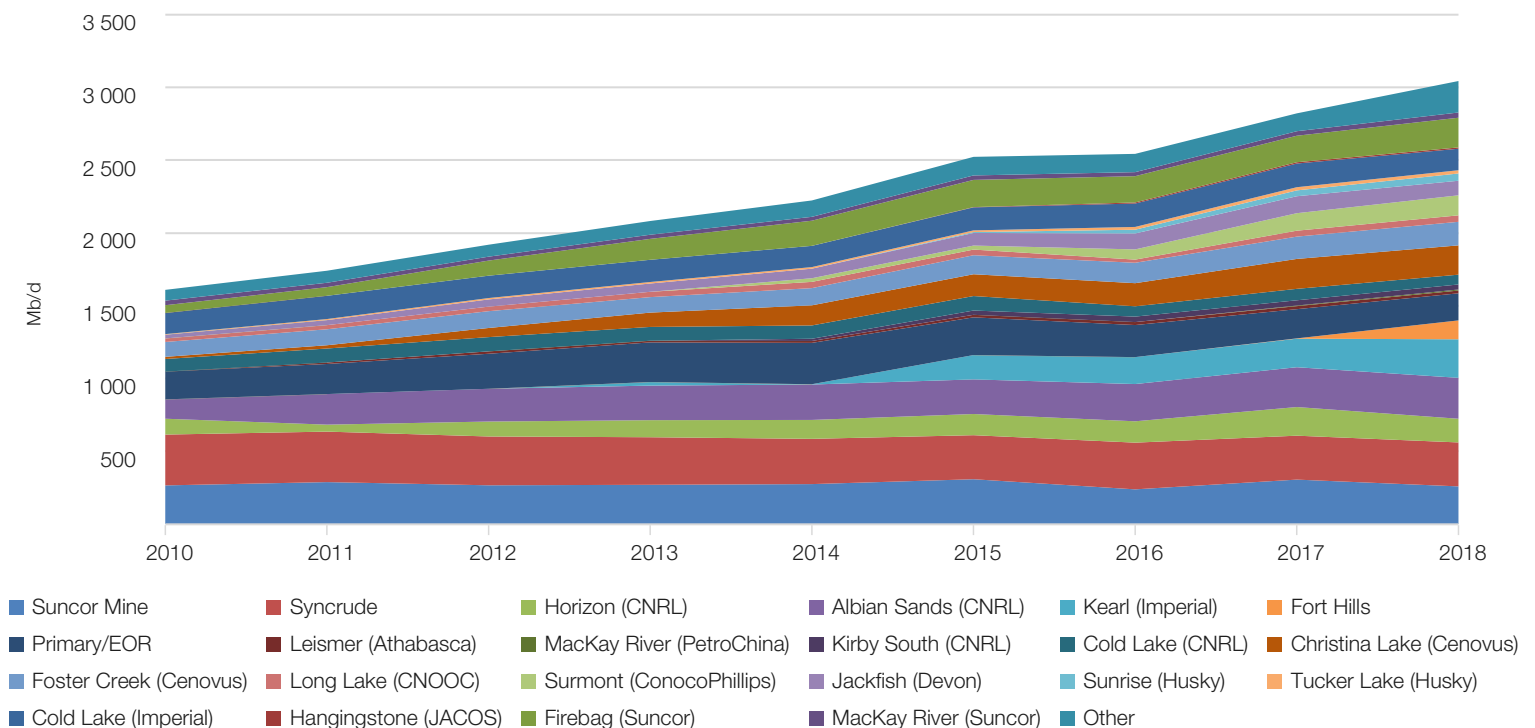


New vs. Existing Oil Sands Production

Oil Sands projects have very low decline rates, meaning that projects that are started can run at or near their initial production rates for 25-40 years.

Many of the projects that are producing today will continue to do so through 2040.

Raw Bitumen Production by Project: 2010-2018



Find these figures, and additional data and figures, in the downloadable Excel file at:

www.cer-rec.gc.ca/nrg/ntgrtd/fr/2019/snds/index-eng.html