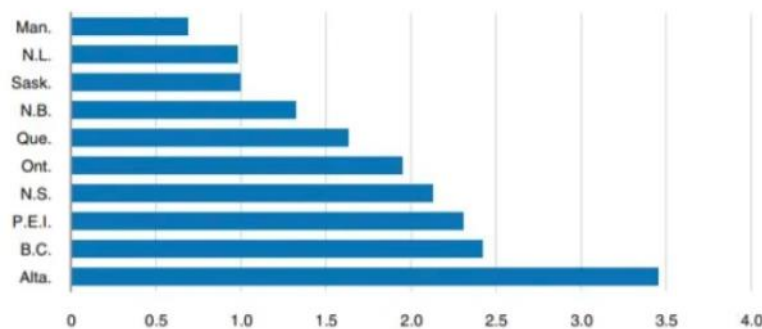


2019 AB Labour Market Review

General AB Workforce/Economy Information

- In 2020, Alberta is predicted to surge to first place from last place among the provinces in terms of economic growth. (Conference Board of Canada, 2019)

Real GDP by Province, 2020
 (percentage change*)

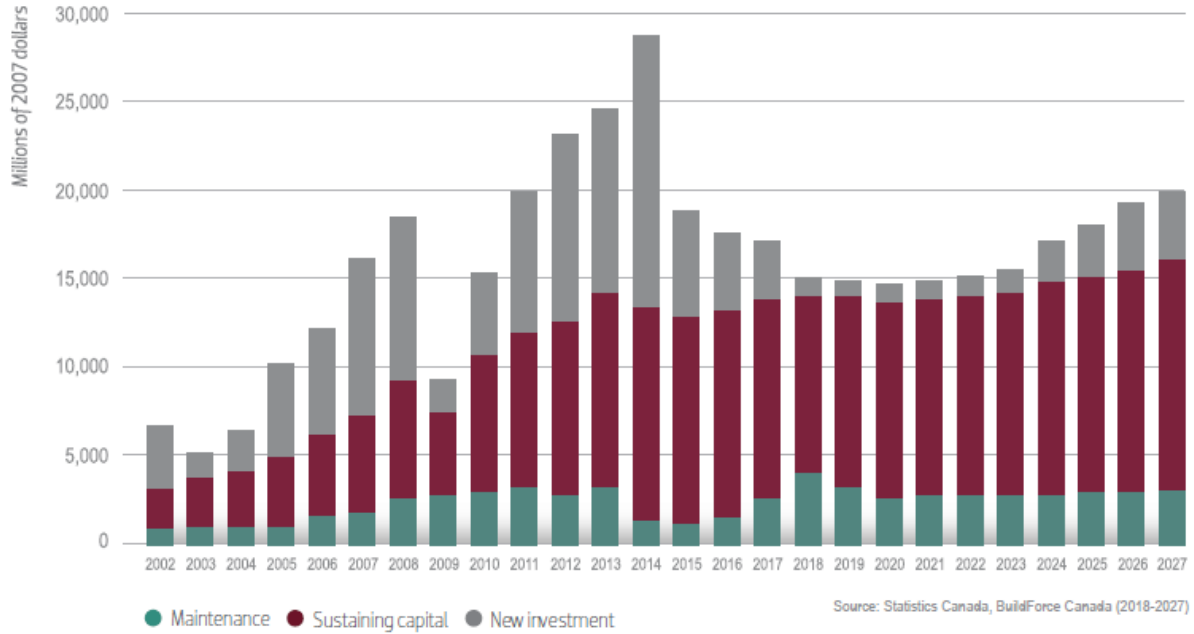


- In 2018, there were almost 300,000 more jobs created within AB than in 2007, despite the recession that hit Alberta in 2015/16.
 - 18% of all jobs created in Canada were within Alberta during this time
- There was an increase of over 50,000 jobs between 2015 to 2019
- Growing future economy impossible without immigration into AB
- Alberta unemployment rate drops a full percent from 2016, now at 6.8%
- AB Trucking Industry is thriving, but in desperate need of workers
- \$191M over five years to support jobs in the softwood lumber industry
- The average annual unemployment rate in Alberta from 2007-2017 was 5.6% compared to 7% for the national average.
- **According to BMO, Alberta's economy will expand by 2.5 percent in 2020**

Construction Forecast – Heavy Equipment Operators

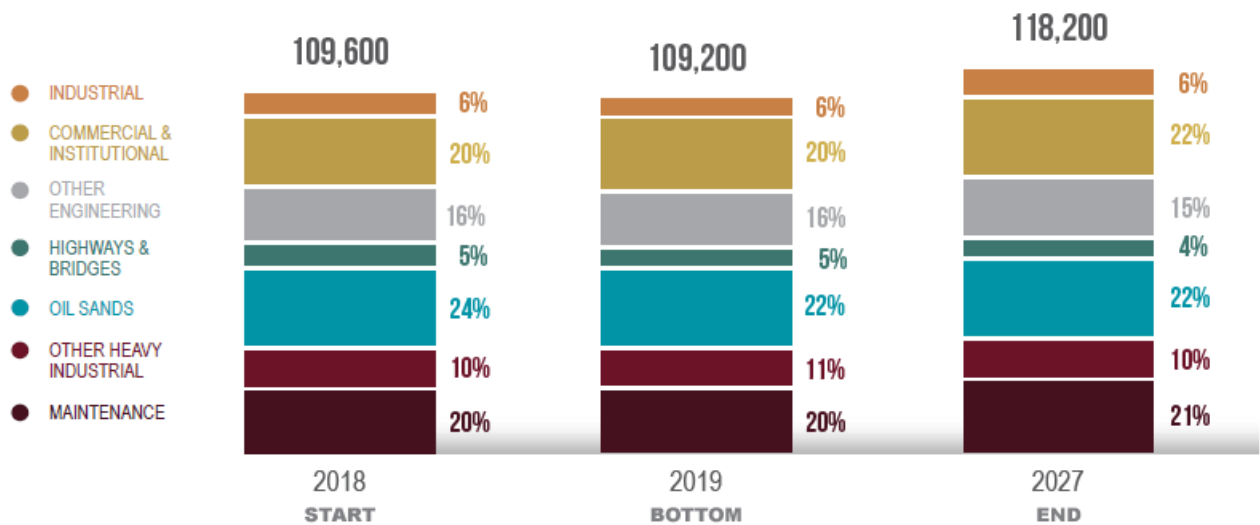
- Utilities saw 14.8% increase in number of jobs in 2018.
- As of April 2019, crude oil at roughly \$59 per barrel, forecasted to hit \$70 per barrel by 2021
- The 2018-2027 outlook scenario projects that total constructions employment will decline in 2018 before broader growth returns and gains momentum – gaining 8,300 jobs by 2027
- By 2027, 19% of the current construction workforce will be lost to retirement
- The housing industry started to recover at the end of 2017, helping to offset declines in oil-and-gas investment

Figure 1: Alberta oil sands investment – construction, machinery, and equipment
 (millions of 2007 dollars*)



* \$2007 millions indicates that the investment values are in year 2007 dollars (base year), that is, adjusted for inflation. This is used to calculate the real physical year-to-year change of the value of construction, factoring out growth (increase value) due to increases in prices.

Figure 2: Non-residential employment distribution by sector, Alberta, 2018, 2019, and 2027



AB's's Major Projects Inventory (MPI)

"The MPI lists construction projects in AB valued at \$5 million or greater including a status category: Proposed, Under Construction, Completed, or On Hold. Project information is obtained from public and private information sources (AB, 2019).

- **A total of 102 projects are currently under construction or being planned over the next 10 years in Alberta (representing \$178B in investment)**

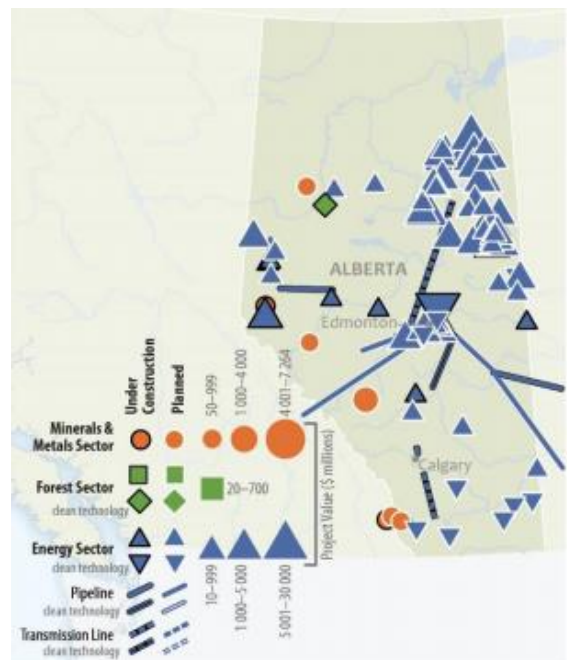
2 Summary Table

Status	Energy		Minerals and Metals		Forest		Total	
	#	\$B	#	\$B	#	\$B	#	\$B
Planned	72	\$143	5	\$3	0	\$0	77	\$146
Announced	20	\$26	2	\$1.4	0	\$0	22	\$27
Under Review	14	\$48	1	\$0.4	0	\$0	15	\$49
Approval Received	34	\$68	0	\$0	0	\$0	34	\$68
Planned – Status Unknown	4	\$0.8	2	\$1.2	0	\$0	6	\$2
Under Construction	23	\$31	1	\$0.08	1	\$0.03	25	\$31
Total	95	\$175	6	\$3.1	1	\$0.03	102	\$178

Source: Major Projects Inventory, as of June 2018.

Note: Totals may not add up due to rounding.

- Energy project account for more that 90 percent of the major project investment within the province
- Notable is the 72 planned energy projects for 2019 and beyond worth \$143B
- In January 2019, there were 21 projects recently added to the MPI list with a combined value of \$2.6B
- There are 6 projects with a combined value of 132.7M which began construction in January of 2019
 - Lister Centre Complex (Edmonton) - \$81M
 - Emergency Operations Center (Edmonton) – \$18.2M
 - Hillcrest Lodge Expansion (Barrhead) – \$17.5M
 - Whoop-up Drive Bridge (Lethbridge) - \$5.5M





Examples of Current Alberta Projects

Southwest Calgary Ring Road - \$1B
Green Line LRT - \$4.65B
Edmonton Calley Line – \$1.8B
Great Spirit Power Project - \$1B
Frontier Oil Sands Mine Project - \$20.6B
Ells River Oil Sands Facility - \$285M
North West Upgrader - \$8.5B
Trans Mountain Pipeline Expansions - \$4.5B
Devon Pike 1 Energy Project - \$1.9B
Imperial Oil Aspen in Site Project - \$2.6B
Pembina Facility - \$4.5B
Infinity Energy – Biodiesel Plant - \$1.9B
Fort McMurray West Transmission Project - \$1.42B
Calgary Cancer Centre \$1.4B
Alberta Carbon Trunk Line - \$1.2B
Grand Prairie Regional Hospital - \$763M
Bonnybrook Wastewater Treatment Plant - \$1B
Petrochemical plant east of Edmonton - \$600M

Works Cited

BuildForce Canada. (2018). *Construction & Maintenance Looking Forward*. Alberta: BuildForce Canada.

Conference, E. a. (2018). *Natural Resources: Major Projects Planned or Under Construction*. Nunavut: Energy and Mines Ministers' Conference.

Information, P. L. (2014). *Oil Sands Construction Maintenance and Operations Labour Demand Outlook to 2023*. Alberta: Petroleum Labour Market Information.

Team, A. F. (2018). *It's off to work we go*. Alberta: Perch.