

Advanced Biofuels Canada - Members



- ◆ Production
- Processing
- Office/Research



Advanced Biofuels Canada: Member Profile

Technologies:

Innovation

- Bio-chemical
- Biomass co-processing
- CAT-HTR™
- Catalytic de-polymerization
- Catalytic upgrading
- Ecofining™
- Ensel™
- Gas fermentation
- Hydrofaction™
- Hydrotreating
- RTP™
- Thermo-chemical
- Transesterification

Products:

Low Carbon Fuels

- Advanced Ethanol
- Biocrude
- Biodiesel
- Biogas (H₂, RNG)
- Biojet
- Bio-methanol
- Renewable Fuel Oil
- Renewable Gasoline
- Renewable Hydrocarbon Diesel
- Synthetic Diesel

Co-Products:

Bio-Products

- Animal feed & nutritional supplements
- Bio-chemicals
- Fatty acids
- Glycerin
- Green polymers
- Light & heavy fuel 'ends'
- Liquid CO₂
- Phosphate
- Renewable naphtha
- Renewable Liquid Petroleum Gas (R-LPG)



Advanced Biofuels - Capital Projects Profile (2018)

\$6.0 B
CAPEX
52
Projects

Estimated Capital Cost (CAPEX)

\$0-10 M \$10-50 M \$50-100 M > \$100 M



Production Capacity

Million Litres	2020	2025	2030
Renewable Gasoline Products ¹	50	250	620
Renewable Diesel Products ²	560	2,270	2,580
Biocrude ³	60	520	1,100

¹ Includes ethanol, methanol, renewable gasoline

² Includes biodiesel, renewable hydrocarbon diesel, biojet, synthetic diesel, renewable fuel oil

³ Processed biomass to biocrude (excludes oilseeds, rendered fats)