



BioAmber Sarnia Inc.
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BioAmber Sarnia – Plant Fact Sheet

Quick Facts

- Plant feedstock: glucose from agricultural sugars, principally derived from Ontario's agricultural community
- Project was announced August 29, 2011, construction commenced in the Fall of 2013 and the plant was mechanically completed in June, 2015
- Capacity: 30,000 tons/year of succinic acid
 - Succinic acid is produced in a crystalline form, similar to table salt
- The fermentation technology is using a proprietary yeast
- BioAmber Sarnia is built on technology proven out in a demonstration plant in France for the past 5 years
- Plant will be food grade certified for production, packaging and Warehouse
- Lab capability on-site for production inputs and product quality control testing
- Logistics
 - Inbound trucks deliver sugar feedstock
 - Pipeline connection deliver steam and cooling water from LANXESS
 - Electric power from TransAlta cogeneration plant
 - Outbound trucks and containers deliver succinic acid to customers world-wide and agricultural coproducts to farms and energy producers in the region
- No lost time injuries during construction with over 630 000 hours worked; building a strong Safety culture
- Approximately 300 construction and 60 full-time jobs were created by the project; a majority of the plant operators are graduates from Lambton College
- Environmental footprint of the plant represents a 100% reduction of GHG's compared to petrochemical production
- Fully integrated participant with Industrial Educational Cooperative (IEC), Sarnia Construction Association (SCA) and the Sarnia-Lambton Environmental Association (SLEA)