BioAmber Sarnia Inc.
NYSE : BIOA

Mailing Address
105 Christina St. South
P.O. Box 2658
Sarnia (Ontario) N7T 7V8

Delivery Address
Bio-Industrial Park
1201 Vidal Street South
Sarnia (Ontario) N7T 7M2

w: 519.344.0065 e: info@sarniajv.bio-amber.com

BioAmber Inc. and BioAmber Sarnia – Our Story

- **Biotechnology** - BioAmber Sarnia Inc. is the largest succinic acid plant in the world – petroleum based or biobased.
    - BioAmber Inc. uses industrial biotechnology to convert renewable feedstocks into chemicals. Our process has a lower carbon footprint and energy consumption than the identical petroleum-derived chemicals, with zero compromise on performance and quality;
    - The feedstock for the plant is glucose, principally from Ontario agriculture;
    - The production process is based on fermentation technology that uses a proprietary yeast;
    - BioAmber Sarnia Inc. will produce succinic acid in a crystalline form, similar in appearance to table salt

- **Environment** - Sustainability can be hard to describe, even harder to imagine; this is sustainability come to life, both economic and environmental – succinic acid is a "building block chemical" with common applications in the automotive and electronics industries, biodegradable plastics, paints and coatings, lubricants and as well as food-grade certified products
    - Bayer MaterialScience named BioAmber as its supplier for a new product line called IMPRANIL® eco, a series of bio-based waterborne polyurethane dispersions with renewable content that reaches as high as 65%.
    - At full capacity (30,000 tons of succinic acid per year), the Sarnia plant will reduce Green House Gas emissions by over 210,000 tons per year relative to the petroleum-derived process, the equivalent of taking 45,000 cars off the road.

- **Exports** - Over 95% of BioAmber Sarnia Inc. production will be exported to customers in Europe, Asia and the United States.
    - Over 50% of the production of the Sarnia plant has already been sold under take or pay contracts, and the remainder is committed to various customers under supply agreements.

- **Financial** – The investment in the plant is over US $140 million.
    - In January of 2014, Export Development Canada (EDC) issued its first US $300 million Green Bond, which was oversubscribed.
    - BioAmber Sarnia's loan facility will be part of EDC's Green Bond portfolio.
- The plant has received support by the Canadian and Ontario governments through low interest and no interest loans, and from grants.

- **The Global Value Chain** - BioAmber Inc. has "A list" partnerships: Mitsui & Co., Dupont, Cargill, JM Davy, Vinmar, Mitsubishi Chemical, and PTT PLC.

- **The Sarnia-Lambton Chemical Cluster** - Approximately 300 construction and 60 full-time jobs were created by the BioAmber Sarnia project and approximately 18 of the plant operators are graduates of Lambton College.
    - The emergence of commercially viable biochemistry is a demonstration of the beginning of the transition of the traditional chemical industry to renewable chemistry.
    - The plant is a fully integrated participant in the Sarnia Lambton cluster including relationships with the Industrial Educational Cooperative (IEC), Sarnia Construction Association (SCA) and the Sarnia-Lambton Environmental Association (SLEA).
    - For Sarnia Lambton, BioAmber is a jobs and export story with the potential to attract other manufacturers here to co-locate. Succinic acid production fills a significant product portfolio gap for the Canadian chemistry sector. It is an opportunity to build a renewable chemical cluster in chemical valley