

## Genomatica delivers on plant performance guarantees

*Novamont confirms Bottrighe plant meets performance parameters*

**San Diego, CA, June 28, 2017** – [Genomatica](#) announced strong results for its GENO BDO™ biobased process technology regarding overall process performance and production volume to date for bio-based 1,4-butanediol (BDO).

### Novamont plant meets performance targets

Novamont, Genomatica's first GENO BDO licensee, has officially confirmed that its new industrial plant in Bottrighe, Italy has met all performance guarantees committed to by Genomatica. The guarantees include technical and economic parameters, such as efficiency of converting feedstock sugars to Bio-BDO product and product quality. The process runs as designed, as modeled, and as represented.

These results are in large part due to the strong support received from Novamont. Novamont successfully constructed and currently operates an energy-efficient and highly innovative flagship industrial site producing Bio-BDO.

The plant is designed to use Genomatica's licensed process technology to produce BDO from renewable feedstocks. Following startup in late 2016 the plant operations have been notably smooth.



*Novamont has opened the world's first commercial-scale plant for the bio-based production of a major intermediate chemical. The plant uses Genomatica's GENO BDO™ process.*

## **Genomatica process surpasses 10,000 tons of Bio-BDO produced, an industry milestone**

Genomatica also confirmed that more than 10,000 tons of Bio-BDO have been produced worldwide using its GENO BDO™ process. Novamont's new Bio-BDO plant has added to volumes previously generated during production campaigns in 2012 and 2013. The earlier campaigns generated a few thousand tons and validated commercial scale performance. They helped pave the way for the first dedicated Bio-BDO plant that uses the GENO BDO licensed technology.

The speed of hitting 10,000 tons represents a milestone for the industry in the biological production of widely-used intermediate chemicals.

## **Positive outlook based on proven process and market trends**

"Our GENO BDO technology is fully de-risked and is continuously producing at scale," said Christophe Schilling, Genomatica's CEO. "Its reliability, attractive economics, sustainability advantages and continually-improving performance make GENO BDO a leading choice for new BDO plants. GENO BDO plants look even better given four straight quarters of increasing costs to produce petroleum-based BDO. Bio-BDO is here for brands and consumers of derivative products increasingly looking for greater sustainability and performance." More molecules are on the way as Genomatica develops and commercializes additional processes to produce existing and new molecules using advanced biotechnology.

## **About Genomatica**

Genomatica is a widely-recognized leader in bioengineering. It develops biobased process technologies that enable a "better way" to produce widely-used chemicals, from alternative feedstocks, with better economics, sustainability and performance. Genomatica has earned widespread acclaim for its technology and commercialization achievements. Awards include the [Kirkpatrick Award](#), for "the most noteworthy chemical engineering technology commercialized in the world". To learn more, see <https://www.genomatica.com/>.

## **For more information**

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