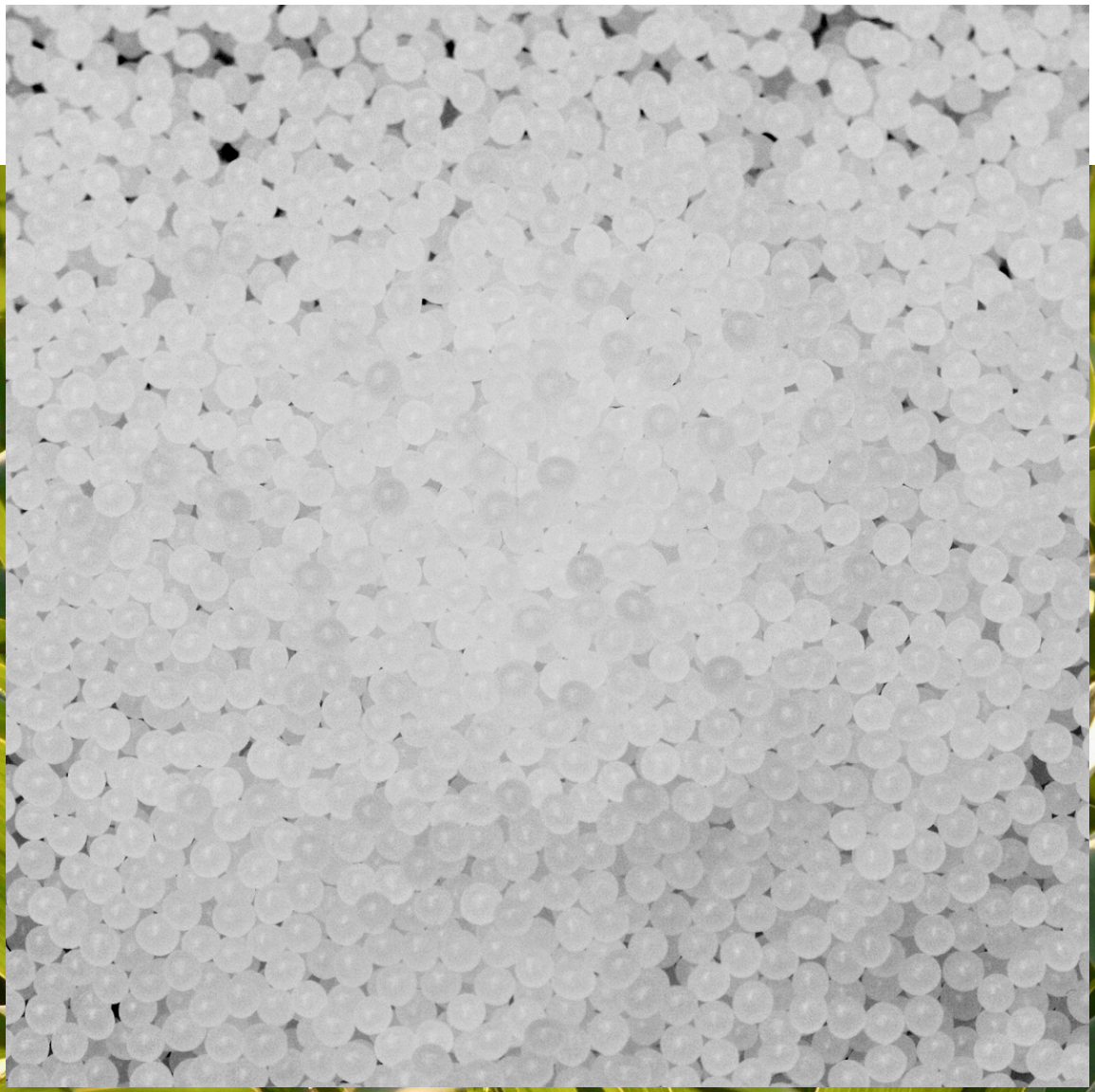
futerro

PRESS KIT



2025

ABOUT US

Active in the field of **green chemistry**, Futerro researches and produces sustainable alternatives to fossil-based platform molecules* and plastics. The company provides **concrete and viable solutions to support the ecological transition** of the chemicals and materials sector.

More specifically, Futerro is a pioneer in producing **lactic acid** (LA) and **lactide** (LD), two bio-based platform molecules, as well as **polylactic acid** (PLA), a bio-based, recyclable and industrially compostable plastic.

More than
300
PATENTS

Currently the
2nd
largest PLA
PRODUCER

More than
30
YEARS OF EXPERIENCE

Planned investment of
500
MILLION EUROS

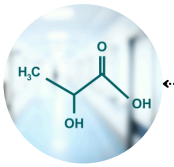
* Platform molecules, also referred to as “building blocks,” are key chemicals that serve as substrates for producing higher value-added products.

OUR SOLUTIONS

Futerro is **the only company in the world with complete mastery of the entire PLA production chain**: from fermenting starch into lactic acid, cyclizing it into lactide, polymerizing it into **Futeon™** PLA, to managing its end-of-life through **patented chemical recycling technology, Loopla™**.

Starch

Extracted from renewables resources

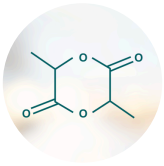


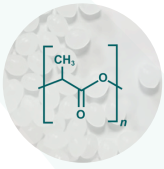
Lactic Acid

Lactic acid, naturally present in living organisms and in our environment, is a platform molecule which can be used to synthesize numerous chemical intermediates. You'll find it in preservative ingredients, but also in disinfectants, adhesives, pharmaceutical products, cosmetics...

Lactide

Lactide is also a platform molecule, from which various polymers can be obtained, including, but not limited to, PLA.





Polylactic Acid (PLA)

PLA is a bioplastic used in a wide range of applications. Biobased, circular, non-toxic and with a limited carbon footprint, it is considered a promising alternative to traditional fossil-based plastics.

Loopla

Futerro has developed and patented a PLA chemical recycling technology called *Loopla*, that recovers lactic acid from PLA-based waste. The biopolymer can thus be recycled endlessly with virgin quality, promoting a circular and sustainable use of resources.

PLA: A SUSTAINABLE ALTERNATIVE TO PETROPLASTICS

BIO-BASED

PLA is produced from biomass, **eliminating the need for fossil-based materials.**

CIRCULAR

PLA can be **industrially composted** or recycled **mechanically** and **chemically.**

NON-TOXIC

PLA is made from biobased lactic acid, which is a molecule naturally present in the environment and in the human body. Additionally, PLA does not produce persistent microplastics* and is approved for food contact.

*Source: Holland Bioplastics, Hydra Marine Science. (2024)

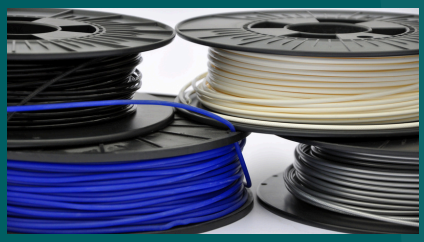
LOW CARBON FOOTPRINT

PLA's carbon footprint is lower than that of traditional fossil-based plastics.

APPLICATIONS

PLA's mechanical properties are compatible with many plastics processing techniques, enabling its use in a wide range of applications, including packaging, textiles and non-woven, 3D printing, films, coatings, consumer products, tableware, and more.






FUTERRO'S MULTI-PRODUCT BIOREFINERY

After establishing its first production capacity in Asia in 2020, Futerro's ambition is to build **Europe's first fully-integrated and circular biorefinery** utilizing its patented technologies. Situated on a 26.5-hectare site in Saint-Jean-De-Folleville, **Normandy, France**, the project involves a **500 million euro investment.**

The biorefinery, set to be fully **operational by 2028**, will leverage Futerro's expertise to produce lactic acid, lactide and PLA. It will also include mechanical and chemical **recycling units** for PLA-based waste, ensuring material circularity.

Futerro aims to revitalize and **reinvent European chemistry for a more resilient future** and greater competitiveness in the bioeconomy.

Annual production of

75K

tons of

PLA

7K

annual tons of

RECYCLING CAPACITY

500

million of euros of

INVESTMENT

Estimated creation of

250

DIRECT FTE

and 900 indirect FTE

Site of

26,5

HECTARES

SOME PRESS APPEARANCES

- Futerro plans to build new PLA biorefinery with yearly output of 75,000 tons - Link
- Futerro, Tereos partner on production of PLA - Link
- Futerro, K.D. Feddersen sign PLA distribution agreement in Europe - Link
- Reinventing plastics: the final opportunity of the Busan final negotiations (in French) - Link
- The Most Innovative Bioeconomy CEO 2024 is Frederic Van Gansberghe, CEO of Futerro - Link

TO LEARN MORE ABOUT FUTERRO

For more information about Futerro, please visit our website at futerro.com. There, you can find our press releases and learn more about our team and the milestones we have achieved.

For details about our biorefinery project (available in French only), please visit our dedicated website.

If you need further details, don't hesitate to reach out to us directly.

PRESS CONTACTS

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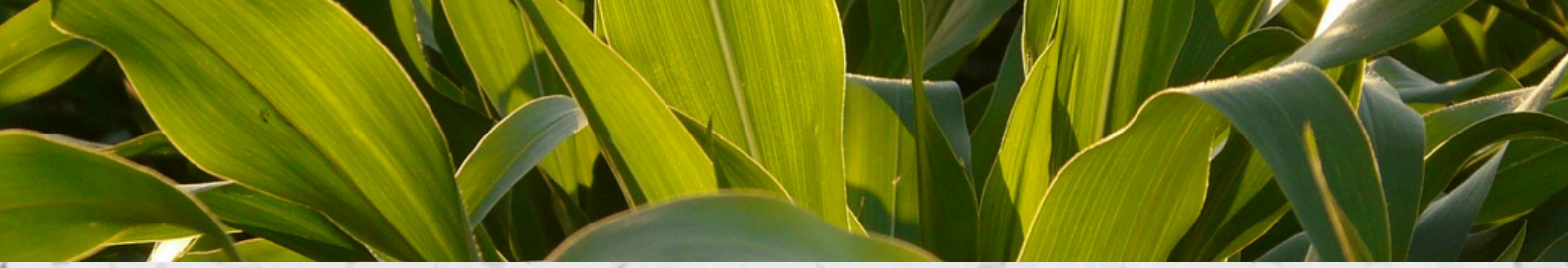

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