



NEWSLETTER #1

The Journey Begins Here!

Dear Readers and Stakeholders of the GOODBYO Project,
We are thrilled to officially launch this inaugural newsletter! This marks the starting point of a journey where we will share with you the developments, results, and key initiatives of our ambitious European project, GOODBYO.

GOODBYO (you can find more details here: goodbyo.eu) aims **to develop a next-generation biorefinery that transforms agro-food waste, biogenic CO₂, and industrial wastewater into sustainable products, addressing the growing need to reduce the environmental impact of the manufacturing industry.**

This first edition signifies the beginning of an open and transparent dialogue. Through this newsletter, we will keep you updated on the progress made, the opportunities for engagement, and the concrete impact that GOODBYO is generating.

In upcoming issues, you can find:

- [Project objectives and purposes](#)
- [News from the Project: First biogas sampling campaign](#)
- [News from the Project: Kick-off meeting and First Partner meeting in Brno](#)
- [Meet the Partners](#)
- [First 6 months: attended events and conferences](#)
- [Next issue topic!](#)

We encourage you to stay connected and follow us on this exciting journey. Your interest and support are fundamental to the success of GOODBYO.

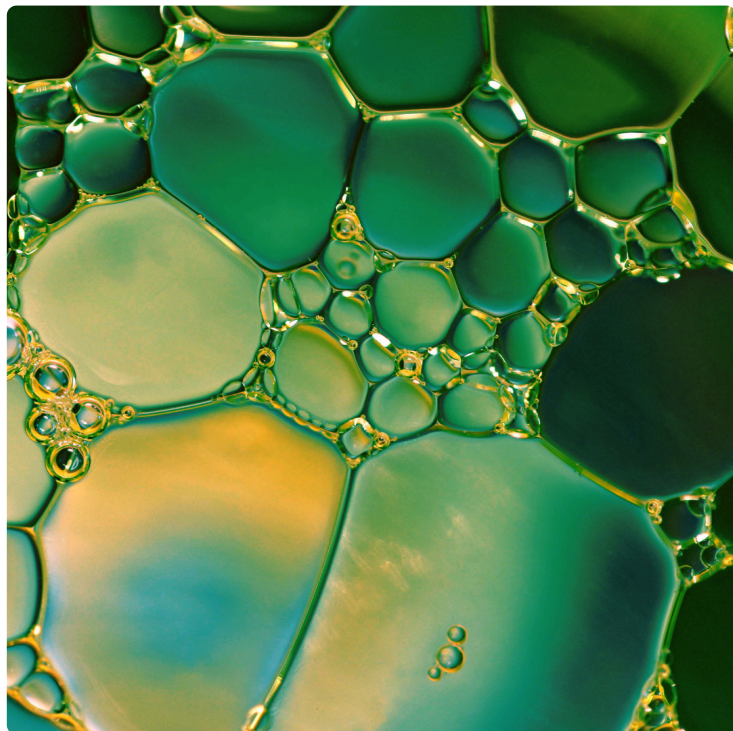
Happy reading!

The Communication and Dissemination Team of the GOODBYO Project

#PROJECT OBJECTIVES AND PURPOSES

Over the next three years, [GoodByO Project](#) will develop and validate 4 innovative microbial factories at pilot scale, leveraging ChainCraft biorefinery side-streams as feedstocks. These gaseous and liquid waste streams will be used to produce bio-octanoic acid, bio-hexanol, carotenoids, bio-fertilizers, and microbial proteins. These products have applications in industries such as cosmetics, nutraceuticals, food, agriculture, and animal husbandry.

The goal is to demonstrate the long-term stability of these bioprocesses on a pilot scale, collecting useful data for industrial-scale expansion. As part of the energy transition, GoodByO is also developing a renewable energy-based system to efficiently store and use energy, reducing dependence on fossil fuels. Another key objective is to make "bio" products competitive in the market, challenging petroleum- and palm oil-derived products and encouraging companies to adopt more sustainable solutions.



#NEWS FROM THE PROJECT

Kick-off meeting and 1st Consortium meeting in Brno

On 17th and 18th of October, the kick-off meeting was held in Turin. The meeting was hosted by the [Italian Institute of Technology](#), the project leader. During the two days, each partner reported on its activities and structured the work for the coming months.

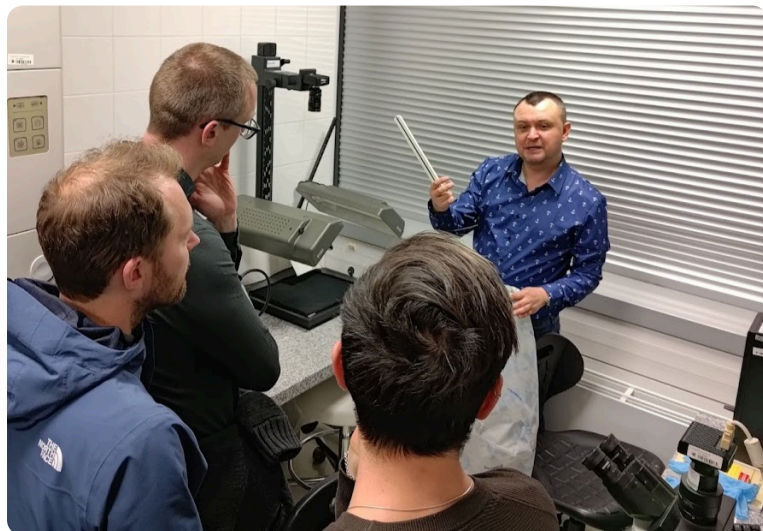
Six months later, on the 10th and 11th of April, the First Partner Meeting took place in Brno, hosted at [Masarykova univerzita Brno](#). It was a great opportunity to reflect on the first six months of work, strengthen our collaboration, and look together towards the next steps. On the second day, we had the pleasure of visiting the laboratories of Masaryk University, where research meets innovation.



Kick-off meeting in Turin at IIT - Istituto Italiano di Tecnologia



1st Consortium meeting in Brno at Masarykova univerzita



At the ChainCraft biorefinery in Amsterdam, Krajete GmbH carried out the first biogas sampling campaign

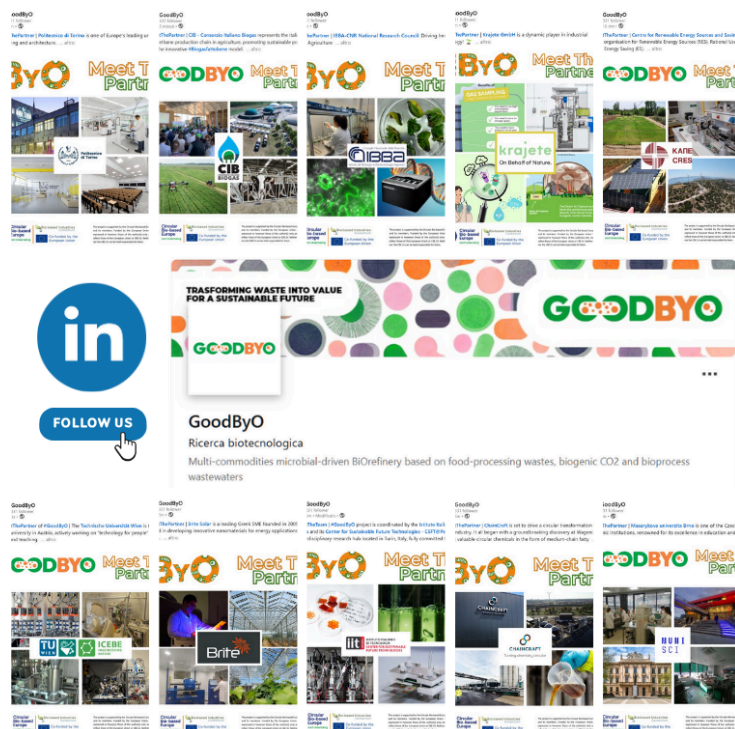


[Krajete GmbH](#) has conducted the first biogas sampling campaign at the [ChainCraft](#) biorefinery in Amsterdam, marking a significant milestone for the GoodByO project.

[Center for Sustainable Future Technologies - CSFT@Polito](#) and [Technische Universität Wien](#) are now ready to optimize the acetogenic bacterium to enhance its growth and bio-hexanol production from the CO₂ fraction present in biogas through "Gas Fermentation" technology (Microbial Factory 2). Meanwhile, [Masarykova univerzita Brno](#) (Czech Republic) will initiate a screening campaign on anaerobic photosynthetic microorganisms to select the most suitable one for developing an anaerobic biogas desulfurization process (Microbial Factory 3).

One of the main objectives of GoodByO is to develop new bioprocesses using real sources of unpurified biogenic CO₂, bridging laboratory research with their future industrial applications right from the early stages.

#MEET THE PARTNERS



On our [LinkedIn page](#) we have launched the #meetthepartner campaign, which allows you to learn a little more about the key players in the project. The GoodByO Project brings together a Europe-wide multidisciplinary combination of complementary expertise aligned with its objectives.

The resulting team is compact and lean, while able to handle the foreseen activities of the project and accomplish the expected results and impacts. 10 partners have been selected from five European countries: Italy, Greece, Netherlands, Austria and Czech Republic, including 3 Small and Medium-sized Enterprises, 6 research organizations or universities, and 1 no-profit association.

Follow us on LinkedIn for updates on project activities!

#FIRST 6 MONTHS: ATTENDED EVENTS AND CONFERENCES

ECOMONDO
The green technology expo.



From the stage of the renewable energy exhibitions of Ecomondo (November 5th to 8th), we discussed the role of the biogas plant as a biorefinery for the production of renewable molecules.



The fair, which took place on February 12th and 13th last, was a precious opportunity to discuss the challenges and opportunities related to microalgae cultivation and to present the innovative solutions developed by GoodByO.



The European project GoodByO (IIT) participated in the PLAY Festival. Valeria Agostino presented the role of games in communicating climate change, focusing on the playful approach of the project for sustainability.



See you in the next issue with:

- Project updates
- Preliminary results achieved
- Planned dissemination events and initiatives
- Success stories and testimonials from the partners
- News from related projects