



The Global Bioeconomy's Key Enabling
Technologies | Conference & Exhibition

March 11 to 13, 2025
Brussels, Belgium 

Showguide
2025



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AFTER-BIOCHEM led to the construction of a plant that turns agricultural processing co-products into multiple natural and high added value molecules. Applications target various markets such as fragrances & flavorings, personal care, food & feed, pharmaceuticals, and industrial chemicals.

The project core technology, based on 10 years of R&D at AFYREN, is an all-in-one cutting edge fermentation process coupled with separation and transformation steps. This is a non-GMO, environmentally friendly, and zero-waste process, resulting in a five-fold reduction in carbon footprint emissions compared to petro-based benchmarks.

Visit AFTER-BIOCHEM at booth 57



This project has received funding from the Bio Based Industries Joint Undertaking (BBII-JU) under grant agreement No 887432. The JU receives support from the European Union's Horizon 2020 research and innovation programme and the Bio Based Industries Consortium.

More on
after-biochem.eu



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AT INDUSTRIAL SCALE
FINE CHEMICALS**



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BIOKET : Your Gateway to the Future of Bioeconomy

BIOKET is more than just a conference—it's a dynamic platform that aligns technology, policy, and industrial innovation to drive the bioeconomy forward. Positioned in Brussels, the epicenter of European policy-making, BIOKET offers a unique opportunity to engage with all facets of the bioeconomy, from cutting-edge innovations to the latest regulatory frameworks.

This year, BIOKET expands its scope, integrating policy and regulation into its already robust program, which includes B2B meetings, inspiring plenary sessions, technical workshops, networking events, start-up showcases, and industrial site visits. We are proud to welcome EFIB by EuropaBio as a strategic partner, strengthening our mission to connect innovation with policy and reinforcing advocacy efforts for a sustainable, thriving bioeconomy.

Whether you're a CMO, CDMO, equipment manufacturer, or service provider, BIOKET is the ideal venue to promote your company, showcase your portfolio, and connect with industry leaders. For producers in the chemical, agro-industry, bioenergy, and bio-based sectors, BIOKET is the ultimate platform to discover new market trends, innovative feedstocks, and cutting-edge technologies that can propel your business forward. This is your chance to anticipate industry shifts, forge strategic partnerships, and lead the charge in the next wave of bioeconomic innovation.

We are also honored to launch the first-ever Christian Patermann BIOKET Bioeconomy Award, celebrating breakthrough innovations that will shape the bioeconomy of tomorrow. Named after Christian Patermann, the father of the European bioeconomy, this award recognizes pioneering achievements in bio-based technologies and sustainable industrial processes. Our sincere gratitude goes to Christian Patermann for allowing BIOKET to carry this prestigious award and to our esteemed partners and sponsors who make this initiative possible.

BIOKET is where innovation meets industrialization, and where your business can find the partners and strategies needed to succeed in a competitive and rapidly evolving market.

At the forefront of the bioeconomy revolution, BIOKET represents, more than ever, an unparalleled opportunity to shape the future of the bioeconomy.

Boris DUMANGE
General Manager





The Global conference dedicated to Processes and Technologies Applied to Biomass

Key Enabling Technologies (KETs) catalyze innovation in the circular bioeconomy, fostering industry-wide convergence and integration. Essential for Europe's leadership and vital for sectors like food, bioenergy, and biomaterials, KETs are pivotal in enhancing health, safety.

Their successful implementation offers a transformative approach to mitigating climate change.

The BIOKET conference is a key event for advancing KETs in the bioeconomy, providing a unique forum for stakeholders to collaborate and explore innovative biomass conversion technologies. This gathering is instrumental in driving the transition to high-value, sustainable products.

www.bioket.eu | info@bioket.eu

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compétitivité**Innovation Collaborative, Croissance CollectiveREPUBLIQUE FRANÇAISE

2025 Advisory Board



Florent ALLAIS
Director - *URD ABI*

Florent ALLAIS, director of URD ABI and President of the CEBB, investigates the combined use of biotechnologies, green chemistry and downstream processing for the development of sustainable processes and high value-added products from biomass.



Goizeder BARBERENA IBAÑEZ
Biomass Strategy & BD Manager - *CENER*

Goizeder Barberena is at the moment implementing and developing growth opportunities in biomass and bio-based products sector within Biomass Area of CENER and its BIO2C Biorefinery as Product Manager.



Nelson BARTON
CTO - *Geno*

Nelson has been at Geno since 2011. He leads Research Develop & Engineering at the San Diego Innovation Center from ideation through delivery of the process design package.



Ed de JONG
VP Development - *AVANTIUM*

VP Development – responsible for Public-Private partnerships, Ed is involved in feedstock selection and pretreatment, Catalytic Biomass Conversion of carbohydrates into building blocks for polyesters (PEF) and the valorization of side products.



Ludo DIELS
Senior Advisor - *VITO*

He is Dr. in chemistry & biotechnology, professor emeritus at Antwerp University, scientific advisor sustainable chemistry at VITO, in the Advisory & Program Group of Processes4Planet and the chair of the advisory group of the shared research center Biorizon.



Sandra HOFMANN
Consultant - *AAO*

International marketing & business development exec, consultant at AAO. Strong, innovative leader with 22+ years in MNCs, turning business challenges into tech solutions.



Alois KINDLER

Research Fellow bei - *BASF*

Dr. Alois Kindler studied organic chemistry. Focusing on acetylene chemistry he worked in the development of new processes for intermediates and vitamins. He's now scientific expert at BASF basic chemicals research, focused on renewables based raw materials for BASF value added chains.



Michael KREL

Partner - *SOFINNOVA PARTNERS*

Michael, partner at Sofinnova Partners, invests in early-stage deals in Europe & North America, focusing on chemicals, materials, agriculture, food, feed, and synthetic biology.



Juliette MARTIN

Scientific Communication Manager - *SEQENS*

Dr Juliette Martin is scientific communication manager for Seqens. She has over 20 years' experience in R&D for the fine chemicals and pharmaceutical industry, with several leading positions in chemistry and advanced biotechnologies.



Filippo Giancarlo MARTINELLI

CEO - *MAGFI CONSULTING*

Filippo G. Martinelli (MBA, EngD, MSc) is Director and Owner of Magfi «sustainability in action». He focuses in supporting biotech, foodtech and cleantech businesses identifying and securing new clients, public grants and private investments.



Alex MICHINE

Managing Director - *METGEN*

He is Professional Manager and Board Member of Life Science companies. He is consultant in strategic development issues. He is working as Managing Director of MetGen. He is also member of Board of BIC & CBE JU.



Kevin O'CONNOR

Director - *BEACON SFI*

Prof. Kevin O Connor is director of BiOrbic SFI bioeconomy research centre, headquartered at University College Dublin. His research interests are sustainable production & consumption, integrated biorefining, biobased chemicals & biodegradable polymers, biocatalysis & protein engineering.



Rafael PELLICCIOTTA

Strategy, Innovation & BD manager - *BRASKEM*

Rafael Pellicciotta is Strategy, Business Development and Product Development Leader at Braskem Specialty Chemicals & Renewables



Babette PETERSEN
VP Europe - *LANZATECH*

International marketing & business development exec, VP Europe at LanzaTech. Expert in tech-driven growth, global teams, and transforming innovation into business.



Achim RASCHKA
Head of Technology Department - *NOVA INSTITUTE - BIO*

Dipl. Biol. Achim Raschka is head of the technology & markets department at nova-Institute, Germany. He focus on alternative carbon sources and conversion technologies especially in biotechnology, green chemistry and CCU technologies.



Claire SKENTEL BERY
General Director - *EUROPABIO*

Dr Skentelbery is EuropaBio DG and Chair of the International Council of Biotech Associations and has worked to champion biotech for over 20 years.



Simon TRANCART
Head of Altar Adaptive Laboratory Evolution - *LESAFFRE*

Simon Trancart is Head of Adaptive Laboratory Evolution at Ginkgo Bioworks. He served the sugar industry before he co-founded Altar which was acquired by Ginkgo Bioworks in 2022.



Luuk VAN DER WIELEN
Director - *BERNAL INSTITUTE*

Luuk van der Wielen is Director of the Bernal Institute and Professor for Biosystems Engineering and Design at the University of Limerick, Ireland, and Distinguished Professor in Biobased Economy at TU Delft's Dept. of Biotechnology.



Markus WOLPERDINGER
Director - *Fraunhofer IGB*

Markus WOLPERDINGER is Director of the Fraunhofer IGB. He has 25+ years of experience in various management positions in industry. His scientific focus is on bioeconomy, environmental, sustainable and circular solutions and their translation into industrial applications.

B4C PROGRAMMING COMMITTEE

Johan De Coninck – Head of BIOKET
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Program at a glance

March 11

8:30 AM - 9:30 AM	B2B Meetings	
2:00 PM - 5:45 PM		
9:30 AM - 10:00 AM	OPENING CEREMONY	
10:00 AM - 1:00 PM	Keynote session 1 - Biotechnology and Biomanufacturing for Europe: Building a critical EU future	Genopole
12:30 PM - 2:00 PM	Lunch Break	
2:00 PM - 3:35 PM	Start-up pitch session 1	L'Oréal Research & Innovation
2:00 PM - 3:35 PM	Workshop 1 - Biotechnology and biomanufacturing: policy instruments for market access and capacity	Genopole
2:00 PM - 3:35 PM	Workshop 2 - Empowering Users with Innovative Technologies: Optimizing Strain Development and Process Efficiency	Beckman Life Sciences
3:35 PM - 4:05 PM	Coffee break	GS Biomats
3:20 PM - 4:16 PM	Start-up pitch session 2	L'Oréal Research & Innovation
4:05 PM - 5:40 PM	Workshop 3 - Closing the gaps – what's left to do for applied research in bioeconomy?	Fraunhofer IGB
4:05 PM - 5:40 PM	Workshop 4 - Farmÿng Project: Driving the Future of Sustainable Protein through Insect	Farmÿng
4:05 PM - 5:40 PM	Workshop 5 - Boosting the scale-up of European bioeconomy innovations	ShapingBio
6:00 PM - 7:30 PM	WELCOME RECEPTION	DE SMET

Program at a glance

March 12

8:30 AM – 10:00 AM 2:00 PM – 3:35 PM 4:05 PM – 6:00 PM	B2B meetings	
10:00 AM -12:30 PM	Keynote session 2 - The environmental impact of Bio-based products and biomanufacturing	L'Oréal Research & Innovation
12:30 PM – 2:00 PM	Lunch Break	
2:00 PM – 3:35 PM	Parallel session 1 - Unlocking KETs for Sustainable Biomanufacturing	TWB
2:00 PM – 3:35 PM	Parallel session 2 - KETs for Bio-Based Materials and Polymers: Innovating Sustainable Solutions	
2:00 PM – 3:35 PM	Parallel session 3 - KETs for Innovating Sustainable Bio-Based Food & Feed Ingredients	
3:35 PM – 4:05 PM	Coffee break	GS Biomats
4:05 PM – 5:40 PM	Parallel session 4 - Can CDMOs and Key Technology Enablers Accelerate the Industrialization of Bio-Based Solutions?	ARD
4:05 PM – 5:40 PM	Parallel session 5 - Bioenergies of the Future: Biofuels, SAF, and Biohydrogen for a Low-Carbon Economy	Leaf by Lesaffre
4:05 PM – 5:40 PM	Parallel session 6 - KETs Innovating Bio-Based Solutions for Cosmetics, Personal care & Healthcare	
6:00 PM – 7:30 PM	Cheese & Wine Cocktail	Réseau SATT
8:00 PM – 10:30 PM	GALA DINNER	Leaf by Lesaffre

Program at a glance

March 13

8:30 AM – 10:30 AM	B2B Meetings	
9:00 AM -10:30 PM	Parallel session 7 - Biomass of the Future: Organic Waste, Gaseous Emissions, and Securing Resources for Zero Waste Biorefineries	
9:00 AM -10:30 PM	Parallel session 8 - Unlocking the potential of marine biotechnology for bioactive compounds production	SECRETed
9:00 AM -10:30 PM	Parallel session 9 - Transforming Biomass into High-Value Molecules for Net Zero	
10:30 AM – 11:00 AM	Coffee break	GS Biomats
11:00 AM – 1:00PM	Keynote session 3 - Advancing KETs: The Shift to Continuous Enzymatic and Fermentation Processes	Le Réseau des Carnot
1:00 PM – 1:15 PM	Christian Patermann BIOKET Bioeconomy Award	De Dietrich
1:00 PM – 2:00 PM	Lunch break	
1:30 PM – 5:30 PM	Site visit 1 - Ajinomoto Sustainable Solutions	Ajinomoto
1:30 PM – 5:30 PM	Site visit 2 - Puratos	Puratos
1:30 PM – 5:30 PM	Site visit 3 - VITO's LignoValue Pilot Plant	VITO
2:00 PM – 4:00 PM	Workshop 6 - BIOTRANSFORM project: pioneering the circular bioeconomy transition	BIOTRANSFORM
2:00 PM – 4:00 PM	Workshop 7 - Driving Impact in Agri-Food Innovation: Biotech Opportunities with EIT Food	EIT Food



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*At Genopole,
a growing number of actors
are energizing the development of
a sustainable bioeconomy.*

Thriving on progress in knowledge and technologies and addressing the imperative for industrial transformation, the bioeconomy sector is growing at Genopole, where it increasingly generates research projects and business creations in a nurturing environment of effective accompaniment and pertinent shared-use technologies.

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Gilles Trystram, CEO

«The 21st century's industrial revolution will be born of green chemistry biotechnologies. Genopole supports the development of the bioeconomy and industrial biotechnologies because they drive the innovations that will enable more localized manufacturing methods consuming less fossil fuels and lowering environmental impacts.»



Genopole,
a leading biocluster in the Paris Region,
accommodates, accompanies and connects
companies and laboratories in all fields
of biotechnologies.

Your detailed program

March 11

8:30 AM – 9:45 AM

B2B meetings

9:30 AM - 10:00 AM | Copper Hall

Opening ceremony

General Welcome Speech

- Michel Mangion | President | Bioeconomy for Change

Opening Words

- Marie Sophie Lesne | Vice-Présidente | Région Hauts-de-France
- Philippe Mangin | Vice-Président | Région Grand-Est
- Dr. Andre Baumann | State Secretary | Ministry for the Environment, Climate and the Energy Sector Baden-Württemberg

10:00 AM - 12:30 PM | Copper Hall

Keynote Session 1: Biotechnology and Biomanufacturing for Europe: Building a critical EU future

Sponsored by Genopole

Chairwoman

- Claire Skentelbery | General Director | EuropaBio

Keynote Speaker

- Maive Rute | Deputy Director-General at DG GROW | European Commission
- Johan Weimann | Regional President Europe, SVP Food & Beverage Biosolutions Europe | Novonesis

Round Table

Enabler

- Kevin Wenger | Executive VP | Group Mascoma and Lallemand R&D Corporate team

Shifter

- Christophe Durand | V.P. Sustainable Material Solutions & Partnerships | Michelin

Brand Owner

- Philippe Teissier | R&I Ferment and Fermentation Director | Danone Nutricia Research

Pioneer

- Frédéric Van Gansberghe | CEO | Futerro

Supporter

- Nicolás Giacomuzzi-Moore | Executive Director | CBE-JU

Keynote Speaker

- Olivier Rolland | Global Director Strategic Initiatives - R&I L'Oréal for the Future & Green Sciences | L'Oréal

Advanced Biotech for Sustainability (AB4S) Report from McKinsey

Presentation of the Advanced Biotech for Sustainability Report from EIT Food, Good Food Institute, L'Oréal, Evonik, DSM, Firmenich, Arsenale, Invert, Lallemand, Darwin International, Basecamp Research, Cradle and McKinsey.

AB4S Report presentation & Chairman

- Mark Patel | Senior Partner | McKinsey & Company

Panel discussions with AB4S consortium members

- Richard Zaltzman | CEO | EIT Food
- Luba Protopopova | Chief Operating Officer | Cradle
- Massimo Portincaso | CEO & Co-Founder | Arsenale Bioyards
- Ute Schick | SVP Business Line Head Care Solutions | Evonik Operations GmbH

12:30 PM - 2:00 PM

Lunch Break

2:00 PM - 3:35 PM | Meeting Studio 211-212

Startup Pitch Session 1 : Sponsored by L'Oréal Research & Innovation | Organized in partnership with BioInvest Europe

2:00 PM - 3:35 PM | Meeting Studio 214-216

Workshop 1 : Biotechnology and biomanufacturing: policy instruments for market access and capacity | Powered by Genopole

2:00 PM - 3:35 PM | Meeting Studio 213-215

Workshop 2 : Empowering Users with Innovative Technologies: Optimizing Strain Development and Process Efficiency | Powered by Beckman Life Sciences

2:00 PM - 3:35 PM

B2B meetings

3:35 PM - 4:05 PM

Coffee Break Sponsored by GS Biomats

4:05 PM - 5:40 PM | Meeting Studio 211-212

Startup Pitch Session 2 : Sponsored by L'Oréal Research & Innovation / Organized in partnership with BioInvest Europe

4:05 PM - 5:40 PM | Meeting Studio 214-216

Workshop 3 : Closing the gaps – what's left to do for applied research in bioeconomy? | Powered by Fraunhofer IGB

4:05 PM - 5:40 PM | Meeting Studio 213-215

Workshop 4 : Farmyng Project: Driving the Future of Sustainable Protein through Insect | Powered by Farmyng

4:05 PM - 5:40 PM | Meeting Studio 311-312

Workshop 5 : Boosting the scale-up of European bioeconomy innovations | Powered by ShapingBio

4:05 PM - 5:40 PM

B2B meetings

6:00 PM - 7:30 PM

Welcome reception Sponsored by De Smet

Your detailed program

March 12

8:30 AM – 10:00 AM

B2B meetings

10:00 AM – 12:30 PM | Copper Hall

Keynote session 2: The environmental impact of Bio-based products and biomanufacturing

Sponsored by L'Oréal Research & Innovation

Plenary Introduction & Chairman

- Fabien Deswarte | Strategic Partnerships for Sustainability Group Leader | L'Oréal

Sponsor's Speech

- Christophe Lanneau | Director of Research and Platforms | Genopole

Keynote Speaker

- Anne-Marie Boulay | General Director | CIRAI
- Lorie Hamelin | Chair Professor Award winner of Make Our Planet Great Again | INRAE - Toulouse Biotechnology Institute

Round Table

Chairman

- Philippe Osset | CEO | Solinnen
- Rafael Pellicciotta | Strategy, Innovation & BD Manager | Braskem
- Ed de Jong | VP Development | Avantium
- Alois Kindler | Research Fellow | BASF
- Julien Honoré | Head of Bioindustry & Plant Care | Roquette
- Gwenaël Servant | VP Business & Strategy | Abolis Biotechnologies

12:30 PM – 2:00 PM

Lunch Break

2:00 PM – 3:35 PM | Meeting Studio 211-212

Parallel Session 1: Unlocking KETs for Sustainable Biomanufacturing

Sponsored by TWB

Chairman

- Olivier Galy | CTO | TWB

Enzymatic Potential of Fungal Strains through Reliable and Cost-Efficient Enzyme Screening

- Catalina Duran Garzon | R&D Engineer | CRIS by INVIVO GROUP

A Novel Multiparameter Sensor for Shake Flask Cultivations: Online Biomass, Dissolved Oxygen, and Fluorescence Monitoring for comprehensive Bioprocess Characterization

- Julius Muno | Sale Manager | Scientific Bioprocessing (sbi)

Unleash the power of digital tools: process development and scale-up for chromatography units assisted by Run 4.0 & Perform 4.0

- Quentin Sanlaville | R&D Coordinator | Applexion

Telescoping to intensify bioprocesses and downstream processing

- Heleen De Wever | Team Manager Bioprocesses | VITO

Adaptation of mechanical extraction processes on biomass matrices

- Audrey Comitès | Head of Production – Trituration and refining department | ITERG

Integration and intensification of downstream processing with a continuous fluidized bed riser absorption system

- Lisa-Marie Herlevi | Research and Technology Scientist | Luxembourg Institute of Science and Technology (LIST)

2:00 PM - 3:35 PM | Meeting Studio 214-216

Parallel Session 2: KETs for Bio-Based Materials and Polymers: Innovating Sustainable Solutions

Chairman

- Achim Raschka | Head of Technology Department | Nova Institute

Cellulose microspheres as a drop-in replacement for plastic microbeads: from synthesis to Commercialisation

- Davide Mattia | CTO | Naturbeads Ltd

Extending the range of applications of PHAs: a PHA-based formulation for films

- Laurent Bélard | Scientific Director | Natureplast

Chitosan –making the most out of inherent structural properties of an underutilized biomolecule

- Christine Rasche | Head of Business Area Sustainable Chemistry | Fraunhofer IGB

Furan Bio-based materials development and downstream applications in China

- Susan Zhu | Global Marketing Director | GS Biomats

5-HMF : When a sleeping giant wakes up

- Daniel Zante | Project Manager | Michelin ResiCare

Agri-food wastes as multifunctional additives in the development of more sustainable polymer foams

- Alberto Lopez-Gil | Team leader and project manager | CellMat Technologies

2:00 PM - 3:35 PM | Meeting Studio 213-215

Parallel Session 3: KETs for Innovating Sustainable Bio-Based Food & Feed Ingredients

Chairman

- Frédéric Roulling | Research Team Manager | Puratos

Turning legume waste- into gold

- Adi Yeh | CEO | Fabumin

LabID – World's first sourdough Microbiota test tool

- Pieter Schürmann | Business Development Manager | LabID

Scaling up the brewing and fermentation process of cacao cell-based products

- Adriana Gallego | Cell-cultured cocoa Lead | Food Brewer

Effect of ensilage on taste, prebiotic and sensory properties of *Ulva* sp. and *Alaria esculenta*

- Winnie Dejonghe | Project Manager | VITO

Samabriva's precision biomanufacturing platform – Industrializing hairy root-based expression system for a sustainable and local production of natural substances

- Florian Cardon | Chief Business Officer | Samabriva

Innovative Extraction of Rapeseed Protein: Implementing the EthaNat Process for Sustainable Food Applications

- Marlen Verges | Project Manager | Fraunhofer CBP

2:00 PM - 3:35 PM

B2B meetings

.....

3:35 PM - 4:05 PM

Coffee Break Sponsored by GS Biomats

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4:05 PM - 5:40 PM | Meeting Studio 211-212

Parallel Session 4: Can CDMOs and Key Technology Enablers Accelerate the Industrialization of Bio-Based Solutions?

Sponsored by ARD

Chairman

- Guillaume Lamy | Commercial Director | ARD

Next-Gen Biomanufacturing: From Live Monitoring to Real-Time Analytics and Intelligent Decision-Making

- Jöel Sirois | CEO | BioIntelligence

Floating Light Ball Reactor (FLBR): Scaling-up Algae Cultivation in Three Dimensions for Large-Scale Industrial Production

- Timo Gehring | Professor of Bio- and Environmental Engineering | htw saar - university of applied sciences

Industrialization of Solid State Fermentation

- Natsuki Fukano | Solid-State Fermentation Project Manager & Section Chief | Fujiwara

Upscaling the reductive depolymerization of lignin: from lab to pilot

- Paul Jusner | R&D | VITO

Development of a Palmitic acid production process – a case study

- Joanne Neary | Fermentation manager | CPI-UK
-

4:05 PM - 5:40 PM | Meeting Studio 214-216

Parallel Session 5: Bioenergies of the Future: Biofuels, SAF, and Biohydrogen for a Low-Carbon Economy

Sponsored by Leaf by Lesaffre

Chairman

- Marcelo do Amaral | General Manager | Leaf by Lesaffre

Technology roadmap: alcohol-to-jet routes for SAF production

- Leonardo Teixeira | Coordinator of Business Intelligence | SENAI Innovation Institute for Biosynthetic and Fibers

Bringing Low-Carbon technologies to market: FUTUROL® as front row student

- Kevin Lecoanet | Technology Engineer | AXENS

Advancing Biofuels, Biochemicals, Biopolymers Process Solutions for a Sustainable Tomorrow

- Greta Giacobazzi | Sales Manager for Polymer Technologies and Licenses | Sulzer

Environmental challenges and issues surrounding biomass for SAF production

- Aicha El Khamlichi | Engineer | ADEME

When Fermentation meets CCU technologies to create new sustainable processes

- Emmanuel Poilpré | Strategic Project Manager | Lesaffre
-

4:05 PM - 5:40 PM | Meeting Studio 213-215

Parallel Session 6: KETs Innovating Bio-Based Solutions for Cosmetics, Personal care & Healthcare

Eco-design process to produce performing and more sustainable amino acids based foaming surfactants

- Florent Bouxin | Open Innovation Team Leader | SEPPIC

From hemp residues to valuable therapeutic polyphenol extract: The benefits of multi-center project aimed at development of a new extraction process

- Annabelle St-Pierre | Researcher | Innofibre - Cégep de Trois-Rivières
- Akeem Gardner | CEO & Founder | Canurta

From genes to solutions: Siderophores in sustainable science and biotechnology

- Bitá Pourmohsenin | PhD Student Researcher | University of Tübingen

Enhancing Stilbene Recovery from fermentation broth: An In-Depth Analysis of Adsorption Processes

- Morad Chadni | Head of the Process Engineering Team | URD ABI

Biomolecules for the Bioeconomy

- Stéphane Desobry | Professor | Université de Lorraine

4:05 PM - 5:40 PM

B2B meetings

6:00 PM - 7:30 PM

Cheese & Wine Cocktail Sponsored by Réseau SATT

8:00 PM - 10:30 PM

Gala Dinner (on registration) Sponsored by Leaf by Lesaffre

Your detailed program

March 13

8:30 AM - 10:30 AM

B2B meetings

9:00 AM - 10:30 AM | Meeting Studio 211-212

Parallel Session 7: Biomass of the Future: Organic Waste, Gaseous Emissions, and Securing Resources for Zero Waste Biorefineries

Chairman:

- Luuk Van de Wielen | Director | Bernal Institute

Creating new biobased value chains: Challenges and opportunities for biorefineries

- Joachim Merziger | Chief Commercial Officer | Afyren

How to successfully use life cycle assessment to inform biomass valorization, a case study compilation

- Melissa Harclerode | Director of Research | Boundless Impact Research & Analysis

The race for biobased – from idea to market

- Maddalena Logrieco | Researcher | MNEXT - Avans

Advancing Renewable Gas Production: Industrial Demonstration of a Patented Two-Stage Reactor for Biological Methanation Coupled with Anaerobic Digestion

- Stéphane Palmade | Chief Technical Officer | Enosis

3D Dandelion Project: combining bio technologies to meet critical needs

- Bruno Pary | President | BMP Consulting

Lignin as a new raw material or its struggle with commercialization

- Ulrike Junghans | Head of Department Regenerative Resources | Fraunhofer CBP

9:00 AM - 10:30 AM | Meeting Studio 214-216

Parallel Session 8: Unlocking the potential of marine biotechnology for bioactive compounds production

Sponsored by SECRETed

Chairman

Advancements in Machine Learning and Data Management for Biosurfactant and Siderophore Research in the SECRETed Project

- Manuel Salvador de Lara | Project Coordinator and Technical Manager | Idener

Screening for biosurfactants and siderophores in diverse microorganisms

- Bjorn Adalsteinsson | Project Manager | Matis

Genetic engineering strategies for production of novel amphiphilic compounds of industrial interest from extreme environments

- Montserrat Argandoña | Associate Professor | University of Sevilla

Lab scale production and novel technologies for the chemical characterization of targeted molecules

- Nikolas Fokialakis | Associate Professor | University of Athens

Optimisation and scale-up of new fermentation processes in the SECRETed project

- Tanja Meyer | European Project Coordinator | BBEPP

Unveiling the potential of marine biosurfactants and siderophores, a multi-sector use validation

- Martina Vakarelova | CO-CEO | Sphera Encapsulation

9:00 AM - 10:30 AM | Meeting Studio 213-215

Parallel Session 9: Transforming Biomass into High-Value Molecules for Net Zero

Chairwoman

- Goizeder Barberena Ibañez | Biomass Strategy & BD Manager | CENER

Lignovations' Advanced Lignin Refinement: Enabling High-Value Applications with Colloidal Lignin Particles (CLPs)

- Stefan Beisl | Head of R&D | Lignovation

Towards an industrial supply of functionalized biobased aromatics

- Pauline Rullière | Head of R&D | Pili

Extracting what matters: the role of membranes in bioprocesses

- Joao Andre | Bus. Dev. Manager | Kovalus Separation Solutions

From variable plant feedstocks variability to fibre applications – Lessons from interdisciplinary research within the Bioeconomy Science Centre NRW

- Holger Klose | Head of Research «Alternative Biomass» | Institute of Bio- and Geosciences 2 - Plant Sciences, Forschungszentrum Jülich GmbH

Leading the Way with the First Woody Biorefinery: Redefining Biomaterials at Industrial Scale

- Peep Pitk | CDO | Fibenol

Suzano Ecolig®: Expanding biopossibilities for a sustainable future from eucalyptus kraft lignin

- Marta Deucher | Business Manager | Suzano SA

10:30 AM - 11:00 AM

Coffee Break Sponsored by GS Biomats

11:00 AM - 1:00 PM | Copper Hall

Keynote session 3: Advancing KETs: The Shift to Continuous Enzymatic and Fermentation Processes

Sponsored by Le Réseau des Carnot

Chairwoman

- Juliette Martin | Scientific Communication Manager | Seqens

Sponsor's Speech

- Luc Fillaudeau | Director of Research INRAE | Le Réseau des Carnot

Keynote speaker

- Francesca Paradisi | Professor of Sustainable Pharmaceutical Chemistry | University of Bern
- Vitor Verdelho | General Manager EABA & CEO cell4food

Round Table

- Joshua Britton | CEO | Debut
- Bjorn Heijstra | VP of Commercial Innovation | LanzaTech
- Nico Snoeck | Business Development Manager | BBEP

1:00 PM - 1:15 PM

Christian Patermann BIOKET Bioeconomy Award

Sponsored by De Dietrich

1:00 PM - 2:00 PM

Lunch Break

2:00 PM - 4:00 PM | Meeting Studio 214-216

Workshop 6: BIOTRANSFORM project: pioneering the circular bioeconomy transition

Powered by BIOTRANSFORM

Opening of session

- Silvia Maltagliati | Policy officer | European Commission - Directorate-General for Research and Innovation (DG RTD) - 'Green Transitions' – Directorate Healthy Planet.

Introduction and overview of BIOTRANSFORM project: advancing circular bioeconomy transformation

- Kirsi Kataja | Senior Scientist | VTT

Session 1 - Methodology for circular bioeconomy transformation

Overall methodology and Resource flow tool

- Johannes Kisser | Professional freelancer | CluBE - Cluster of Bioeconomy and Environment of Western Macedonia

Environmental and socio-economic assessment tool

- Gitanjali Thakur | LIST

MooV – Supply chain optimisation tool

- Ruben Guisson | MooV Manager | VITO

Governance aspects of circular bioeconomy (transition broker role, etc.)

- Jean-Benoit Bel | Senior Project Manager | Association of Cities and Regions for sustainable Resource management (ACR+)

Session 2 - Policy recommendations

BIOTRANSFORM & SUSTRACK & ROBIN projects, joint policy recommendations

- Anita Lombardo | EU Project and Policy Officer | Association of Cities and Regions for sustainable Resource management (ACR+)
- Luana Ladu | Research Associate Dynamic | German Federal Institute for Materials Research and Testing (BAM)- SUSTRACK
- Carmen Ronchel Barreno | Biotechnology Technical Officer | Technological Corporation of Andalusia

Wrap up and Closing

- Silvia Maltagliati | Policy officer | European Commission - Directorate-General for Research and Innovation (DG RTD) - 'Green Transitions' – Directorate Healthy Planet.

2:00 PM - 4:00 PM | Meeting Studio 211-212

Workshop 7: Driving Impact in Agri-Food Innovation: Biotech Opportunities with EIT Food

Powered by EIT FOOD

- Gulsah Uysal | Regional Director - Western Europe | EIT Food
- Marja Liisa Meurice | Regional Director North & East | EIT Food
- Lorena Savani | Mission Lead | EIT Food

1:30 PM - 5:30 PM

Site Visit 1

Ajinomoto Sustainable Solutions

1:30 PM - 5:30 PM

Site Visit 2

Puratos

1:30 PM - 5:30 PM

Site Visit 3

VITO's LignoValue Pilot Plant

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MARCH 11 - 13, 2025

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MARCH 11 - 13, 2025

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March 12, 2025
6:00 PM to 7:30 PM

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March 12, 2025

8:00 PM to 10:30 PM

The Square - Panoramic Hall

Entrance via the Coudenberg 3 - 1000 Brussels.

&

Aux Armes de Bruxelles

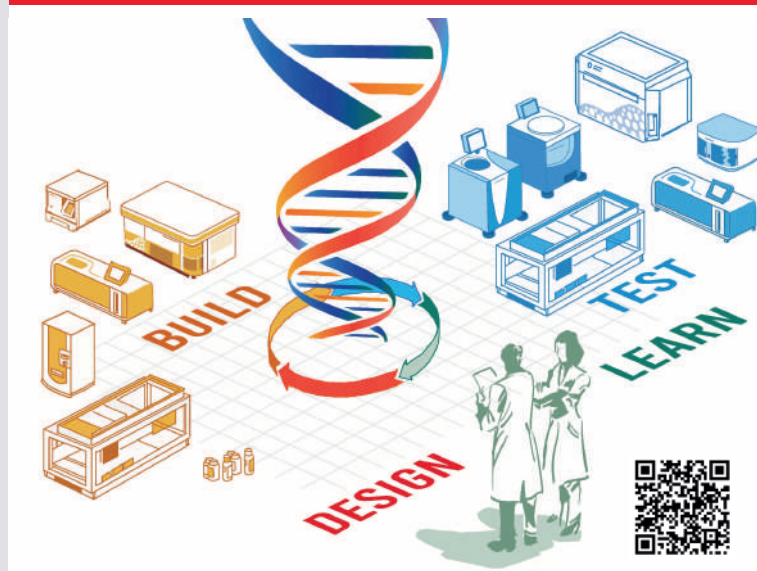
Rue des Bouchers, 13 - 1000 Brussels.

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Biomanufacturing

Rethinking synergies to
accelerate your workflow



Attend our workshop

Empowering Users with Innovative Technologies:
Optimizing Strain Development and Process Efficiency

Bioproduction & Analytical Characterization solutions



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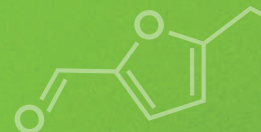
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Notes

Opening Ceremony

 **March 11**



General Welcome Speech

Michel Mangion

President | Bioeconomy for Change



Opening Words

Marie Sophie Lesne

Vice-President of the Hauts-de-France Region in charge of Agriculture, Agri-food, Agricultural Education and Fisheries | Région Haut de France



Opening Words

Philippe Mangin

Vice-President of the Grand Est Region, in charge of Bioeconomy, Bioenergies and Sustainable Food | Région Grand-Est



Opening Words

Dr. Andre Baumann

State Secretary | Ministry for the Environment, Climate and the Energy Sector Baden-Württemberg

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Keynote Session 1

BIOKET's OPENING SESSION: Biotechnology and Biomanufacturing for Europe: Building a critical EU future

 **March 11**

Copper hall

Sponsored by Genopole | Organized in partnership with EFIB by EuropaBio and Association Chimie du Végétal



Chairperson : Claire Skentelbery

General Director of Europabio

Dr Skentelbery is EuropaBio DG and Chair of the International Council of Biotech Associations and has worked to champion biotech for over 20 years.



Keynote speaker : Maive Rute

Deputy Director-General at DG GROW | European Commission



Keynote speaker: Johan Weimann

Regional President Europe, SVP Food & Beverage Biosolutions Europe | Novonesis

Johan joined Chr. Hansen in 2014 and held leadership roles across regions. In 2024, he became Regional President & SVP Food & Beverage for Novonesis.

Round Table



ENABLER : Kevin Wenger

*Executive VP | Group Mascoma and
Lallemand R&D Corporate team*



SHIFTER : Christophe Durand

*V.P. Sustainable Material Solutions &
Partnerships | Michelin*



BRAND OWNER : Philippe Teissier

*R&I Ferment and Fermentation Director |
Danone Nutricia Research*

Engineer PhD (AgroParisTech) Bioprocess, 27 years in Danone group. Management of ferment and fermentation across healthy food categories.



PIONEER : Frédéric Van Gansberghe

CEO | Futerro

F. Van Gansberghe is the founder and Chief Executive Officer of Futerro S.A.



SUPPORTER : Nicolás Giacomuzzi-Moore

Executive Director at CBE-JU

Nicoló Giacomuzzi-Moore was appointed Executive Director of Circular Bio-based Europe Joint Undertaking in 2023 and worked in EU affairs for 20+ years.



keynote speaker: Olivier Rolland

Global Director Strategic Initiatives of L'Oréal

Olivier shapes directions and explores levers for Scope 3 environmental impact reduction through innovation on feedstock, water & low GHG processes.



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Advanced Biotech for Sustainability (AB4S) Report from McKinsey

 **March 11**

Presentation of the Advanced Biotech for Sustainability Report from EIT Food, Good Food Institute, L'Oréal, Evonik, DSM, Firmenich, Arsenale, Invert, Lallemand, Darwin International, Basecamp Research, Cradle and McKinsey.



AB4S Report presentation & Chairman

Mark Patel

Senior Partner McKinsey & Company

Mark Patel, Senior Partner at McKinsey, co-leads the Climate Tech Platform and champions disruptive tech to enhance life, work, climate, and health.

Round Table



Richard Zaltzman

CEO | EIT Food

Innovation leader, working on systemic change and sustainability. Following a career in the tech sector, he moved into climate and sustainability.



Luba Protopopova

Chief Operating Officer | Cradle

COO at Cradle, which builds generative AI to help scientists engineer proteins. Previously, Luba held leadership roles in ESG data and sustainability.



Massimo Portincaso

CEO & Co-Founder | Arsenale Bioyards

Former BCG Partner and MD, co-founded and successfully exited Officinae Bio; thought leader and senior advisor/board member to startups and VC funds.



Ute Schick

SVP Business Line Head Care Solutions | Evonik Operations GmbH

Ute assumed business roles in DSM, DuPont and Evonik, lead RD&I in Life Sciences before she became Head of the Care Solutions business line in 2024.



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Thursday March 13, 2PM



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Start-up Pitch Session 1

 **March 11**

2:00 PM - 3:35 PM
Meeting Studio 211-212

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Start-up Pitch Session 2

 **March 11**

4:05PM - 5:40PM
Meeting Studio 211-212

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Workshop 1

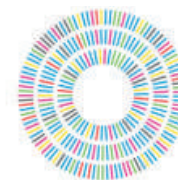
Biotechnology and biomanufacturing: policy instruments for market access and capacity

 March 11

2:00 PM - 3:35 PM
Meeting Studio 214-216

Biotechnology plays an essential and significant role for the delivery of EU goals for competitive, healthy, resilient and sustainable economies and societies. Applications are integrated throughout our industrial and social ecosystems, including the medicines that create and sustain a healthy society, agri-food supply chains, manufacturing processes, plus biomanufacturing of chemicals and consumer goods.

The European Commission Communication “Building the future with nature: Boosting Biotechnology and Biomanufacturing in the EU” which was published in March 2024 includes a streamlining regulatory study which will be assessing current regulatory obstacles for biotech innovations to reach the market. This study lays the ground for the EU Biotech Act and other initiatives announced in President Ursula Von der Layen in her political guidelines for the new Commission.



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This workshop will **focus on discussing the solutions for the overall improvement of product approval processes**, including the use of innovative tools such as regulatory sandboxes and resolving the current regulatory challenges experienced by the fermentation industry. **This workshop will contribute to the APROVALS project and EuropaBio EFIB statement 2025 which will be published after Bioket.**

Introduction



Olivier Tomat
Director Entrepreneurship | Genopole



Claire Skentelbery
General Director | EuropaBio

Product approval processes: issues and solutions- discussion to focus on solutions such as Sandboxes (ec. APROVALS project)



Alexis Biton
International Affairs Coordinator | Genopole

Fermentation industry: issues and solutions- discussion to focus on solutions



Olivier Tomat
Director Entrepreneurship | Genopole



Claire Skentelbery
General Director | EuropaBio

What's happening next? the Biotech Act- what can we expect?



Olivier Tomat
Director Entrepreneurship | Genopole



Claire Skentelbery
General Director | EuropaBio

Workshop 2

Empowering Users with Innovative Technologies: Optimizing Strain Development and Process Efficiency

March 11

2:00 PM - 3:35 PM
Meeting Studio 213-215

This workshop explores advanced techniques for strain development and process optimization. Participants will examine the steps involved in developing and refining strains, gaining insights into maximizing efficiency.

High-throughput technologies will be showcased, demonstrating their significant impact on strain development and process optimization.

The session aims to empower users with the knowledge and tools needed to make informed decisions and optimize their processes effectively.



Guest Speakers



From flask to factory: High-Throughput Strategies for Rapid BioProcess Development

Tiphaine Clément

Head of Fermentation Platform | TWB

Fermentation is at the heart of bioprocessing, driving the production of biopharmaceuticals, biofuels, and industrial enzymes. However, optimizing fermentation conditions—such as strain selection, media composition, and process parameters—can be a time-consuming and resource-intensive endeavor. Traditional approaches often rely on low-throughput experiments that limit the speed of innovation.

By integrating robotics, microfluidics, and advanced data analytics, high-throughput workflows allow researchers to explore a vast range of conditions in a fraction of the time required by conventional methods. Implementing high-throughput workflows not only increases efficiency but also enhances reproducibility and process understanding, leading to faster process optimization, more efficient media formulation and robust bioprocess control strategies—paving the way for efficient and cost-effective bioprocesses.

As the global demand for sustainable and economically viable bio-production increases, high-throughput strategies represent a critical tool for meeting the growing demand for innovation in biotechnology.



Debottlenecking in scalable algae cultivation with innovative technologies

Timo Gehring

Professor of Bio- and Environmental Engineering | htw saar - university of applied sciences

Dr. Gehring will walk you through the challenges of future large scale algae cultivation processes and highlighting where innovative analytical technology and high-throughput-screening can play a crucial role in overcoming bottlenecks, improving efficiency, ensuring predictive process performance and optimize production rates.



Driving Enzyme Innovation in Bakery: Leveraging High-Throughput Technologies

María Carmen Álvarez

PhD - Sr Research Manager Functional Protein Discovery - Puratos, Belgium

A comprehensive journey of enzyme development for the bakery industry will be examined, from the initial concept to large-scale production. The role of high-throughput microbioreactors in accelerating and transforming the process will be highlighted. This approach ensures high-quality enzyme development and a seamless transition to production, significantly reducing development time. As a result, products can be brought to market faster, market demands can be met more effectively, and continuous innovation in the bakery sector can be driven.



Sebastian Blum

Market Development Manager | Beckman Life Sciences

Workshop 3

Closing the gaps – what's left to do for applied research in bioeconomy?



March 11

4:05 PM - 5:40 PM
Meeting Studio 214-216

The approach to innovation has been reinvented itself again and again. Particularly in the field of bioeconomy there seems to be no straight forward approach to successful commercialization – the feedstocks are complex, the products manifold, the market drivers unstable, investment needs big and risks high. We want to shed light on the various approaches to research and development and discuss:

- some best practices on specific examples from the areas of industrial biotechnology and bioinspired chemistry
- what's best outsourced and what should you do in-house
- good examples for open innovation
- how should the interface look like between research and commercialization



Fraunhofer
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Workshop 4

FarmYng Project: Driving the Future of Sustainable Protein through Insect

 **March 11**

4:05 PM - 5:40 PM
Meeting Studio 213-215

Unlock the future of sustainable protein at Bioket 2025 with an exclusive look into the FarmYng Project! This session offers a rare opportunity to discover how YnFarm, Europe's largest insect industrial facility converts *Tenebrio molitor* larvae (yellow mealworm) into sustainable, high-quality proteins and lipids for animal nutrition, and insect manure as a natural fertiliser for soil applications.

This workshop will take you inside the project's achievements. Dive into the latest advances in automated intralogistics for insect breeding and processing in an industrial context. Learn how FarmYng's developments on quality and safety assessment of insect-based ingredients, as well as the yellow mealworm genetics may shape the future of the insect industry.

Discover how FarmYng contributes to the circular economy, and to an environment friendly conception of the industry compared to production processes of conventional protein sources.

Gain firsthand insights into the roadmap for scaling insect protein production globally, future partnerships, and regulatory strategies that are setting the stage for broader adoption. Join us at Bioket 2025 and be part of the solution shaping the protein landscape of tomorrow.

This project has received funding from the Biobased Industries Joint Undertaking (JU) under the European Union's Horizon 2020 research and innovation programme under grant agreement No 837750.s



Welcoming speech & Introduction (scope & goals of the project)

Whitley Kihanguila

Innovation Funding Officer | YNSECT



Welcoming speech & Introduction (scope & goals of the project)

Ana Ruiz

Programme Officer Officer | CBE-JU



YnFarm: Europe's largest insect vertical farm

Christian Gourlay

Chief Industrial Officer | YNSECT



Nutrition: insect diet in an industrial context

Thomas Lefebvre

YNSECT



Genetics and breeding strategy of the *Tenebrio molitor*

Amin Madoui

Research Director | CEA



Quality, safety and authenticity of insect-based ingredients

Frédéric Debode

CRA-W



Impact: life cycle analysis of the insect-based ingredients

Ancelin Coulon

*Senior Sustainability Consultant &
Innovation project Lead | Quantis*



Augustin Million

Sustainability Consultant | Quantis



Conclusion: beyond FarmYng, the future of the insect industry

Antoine Hubert

Board Director | YNSECT



Workshop 5

Boosting the scale-up of European bioeconomy innovations

 **March 11**

4:05 PM - 5:40 PM
Meeting Studio 311-312

Join us for an interactive workshop where policy leaders will gain insights from industry experts on how to address key challenges in scaling up the bioeconomy.

This dynamic session will feature a panel of high-level experts discussing innovative policy recommendations designed to promote growth and sustainability.

Don't miss the chance to connect with leading professionals, exchange ideas, and collaborate on solutions that can shape the future of our industry.



Agenda workshop

4:05 PM – Welcome: Policy recommendation links with Bioket's Opening Session



Stef Denayer, *Stakeholder Relations Manager at Pilots4U*

Stef Denayer is an industrial Engineer in Chemistry and postgraduate Environmental Technologies at University of Leuven (KUL). He has extensive knowledge about material upcycling, cradle to cradle and industrial symbiosis. Past experiences include triple helix cleantech cluster management and European collaboration projects with sustainability as focus area. Since 2020, he has been the stakeholder relations manager of , the European network of 'open access' pilot and demo facilities for the bioeconomy, bringing innovation closer to the market.

4:15 PM – Status quo: Findings from the Shaping Bio analysis related to scale-up of the bioeconomy highlighting policy and governance, collaboration and financing aspects



Tanja Meyer, *European Project Coordinator at Bio Base Europe Pilot Plant*

Acquire, manage and coordinate European funded projects in the area of industrial biotechnology e.g. LUCRA, ShapingBio, ToBeReal, Glaukos, BioBase4SME

Acquire, manage and coordinate European funded projects in the area of industrial biotechnology e.g. LUCRA, ShapingBio, ToBeReal, Glaukos, BioBase4SME



Milena Garthly, *Senior Project Manager at Tech Tour Global*

4:30 PM – Fireside chat with innovators clarifying innovator scale-up challenges and investors clarifying scale-up investment challenges



Moderator Noha Mahmoud, *Postdoctoral researcher at Teagasc Ashtown Food Research Centre*

Dr Noha Mamhoud, PhD in Agroecology from Aarhus University-Denmark, possess over 12 years of interdisciplinary expertise spanning sustainability, climate change mitigation and bioeconomy in the EU and the MENA region.



Bioeconomy start-up, Gaspard Gilbert

Managing Director at Maash



Bioeconomy start-up, Sophie Roelants *COO at AmphiStar*

Prior to co-founding AmphiStar, Sophie earned a PhD in Applied Biological Sciences in 2013. After her PhD, she set up and managed a unique R&D collaboration between the University of Ghent (InBio research group) and the Bio Base Europe Pilot Plant. In addition, she set up and managed business development activities related to the joint biosurfactant technology package.

4:45 PM – Q&A

4:50 PM – Moderated panel leading to practical policy recommendations



Veerle Vandeweerd, *Shaping Bio Advisory Board Member*

Dr. Veerle Vandeweerd has more than 35 years of experience in global, national, and local Sustainable Development policy and program development and implementation, including 20+ years at the United Nations system. Dr. Vandeweerd has a PhD in biochemistry from the University of Antwerp, Belgium (Cum Laude), a master's in chemistry, and a bachelor's degree in biology and chemistry from the University of Gent, Belgium.



Anne-Gaëlle Collot, *Industrial Biotechnology Director at EuropaBio*

Anne-Gaëlle holds a PhD in Chemical Engineering from Imperial College London. Prior to joining EuropaBio, she worked for 20 years on sustainability and environmental policies in several trade associations representing the chemicals and plastics industries, including the Chemicals Industry Association (CIA) and most recently, Plastics Europe both in Brussels and in the UK.



Dr. Piret Fischer, *Senior Project Manager at Fraunhofer Institute for Systems and Innovation Research ISI*

Piret Fischer finalised her studies of Molecular Diagnostics at the Tartu University, Estonia in 2005 with Master's degree after which she completed European Studies on Science and Technology (ESST) at the Maastricht University, The Netherlands, in 2007 with Master of Arts. Since 2016 she is working as a senior project manager in the Business Units Innovations in the Healthcare Sector as well as Bioeconomy.

5:35 PM – Wrap-up



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Keynote Session 2

The environmental impact of Bio-based products and biomanufacturing

 **March 12**

10:00 AM - 12:30 PM
Copper Hall



Chairperson : Fabien DESWARTE

Strategic Partnerships for Sustainability Group Leader at L'Oréal

Fabien has over 15 years of experience in the area of green chemistry and has worked in various roles in academia, government and the start-up sector.

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Keynote speaker: Lorie Hamelin

Chair Professor Award winner of Make Our Planet Great Again | INRAE - Toulouse Biotechnology Institute

Chair Professor in Sustainable Bioeconomy Transitions at INRAE-TBI. LCA expert. Heads team of 10 - Modelling strategies towards GHG-neutral economies.



Keynote speaker: Anne-Marie Boulay

General Director | CIRAIG

Prof. BOULAY is professor at Polytechnique Montreal and General Director of the International Life Cycle Consortium of the CIRAIG.

Round Table



Round table chairman : Philippe OSSET

CEO at Solinnen

Engineer, Environmental Consultant, Scientific Director of SCORE LCA, Mandated to represent France to ISO



Rafael Pellicciotta

Strategy, Innovation & BD Manager at Braskem

Rafael Pellicciotta is Strategy, Business Development and Product Development Leader at Braskem Specialty Chemicals & Renewables



Ed de Jong

CTO at VP Development

VP Development – responsible for Public-Private partnerships, Ed is involved in feedstock selection and pretreatment, Catalytic Biomass Conversion of carbohydrates into building blocks for polyesters (PEF) and the valorization of side products.



Alois Kindler

Research fellow at BASF

Dr. Alois Kindler studied organic chemistry. Focusing on acetylene chemistry he worked in the development of new processes for intermediates and vitamins. He's now scientific expert at BASF basic chemicals research, focused on renewables based raw materials for BASF value added chains.



Gwenaël Servant

VP Business & Strategy | Abolis Biotechnologies

Gwenaël is a medicinal chemist by training and worked for 20 years in one of french biggest pharma company before joining Abolis in 2020.



Julien HONORE

Head of Bioindustry & Plant Care at Roquette



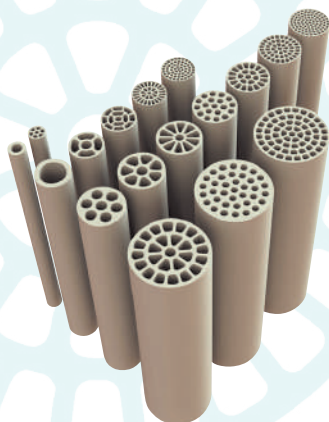
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March 11, 2025

6:00 PM to 7:30 PM

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Parallel Session 1

Unlocking KETs for Sustainable Biomanufacturing

 **March 12**

2:00 PM - 3:35 PM
Meeting studio 211-212

Sponsored by



Chairperson: Olivier Galy
CTO at TWB

Olivier holds the position of CTO of Toulouse White Biotechnology, he is in charge for the overall technological direction of the organization.



Quentin Sanlaville
R&D coordinator at Applexion

Quentin, R&D coordinator at Applexion, specializes in chromatography and the implementation of digital tools for process simulation since 2018.



Julius Muno
Sales Manager at Scientific Bioprocessing (sbi)

Julius a trained biotechnologist specializing in microbial biotechnology, is now an account manager at sbi, focusing on innovative bioprocess sensors



Lisa-Marie Herlevi
Research and Technology Scientist at Luxembourg Institute of Science and Technology

Lisa-Marie Herlevi is a Research & Technology Scientist at Luxembourg Institute of Science and Technology and has a Ph.D. in Biochemical Engineering.



Catalina Duran Garzon
R&D Engineer at CRIS by INVIVO GROUP

Catalina, a biochemist, specializes in enzyme screening, with 10+ years studying plant and fungi enzymatic properties.



Heleen De Wever
Team manager bioprocesses at VITO

Heleen De Wever has >25 years of experience in the development, debottlenecking and intensification of bioconversion processes.



Audrey Comitis
Head of production – Trituration and refining department at Itegr

Head of production – Trituration and refining department 6 years of experience supporting companies in the development of trituration and refining processes from laboratory scale to semi-industrial scale.

Parallel Session 2

KETs for Bio-Based Materials and Polymers: Innovating Sustainable Solutions



March 12

2:00 PM - 3:35 PM
Meeting studio 214-216



Chairperson: Achim Raschka

Head of Technology Department of Nova Institute

Dipl. Biol. Achim Raschka is head of the technology & markets department at nova-Institute, Germany. He focus on alternative carbon sources and conversion technologies especially in biotechnology, green chemistry and CCU technologies.



Davide Mattia

CTO at Naturbeads LTD

Davide Mattia, FIChemE, CEng, is a co-founder and CTO of Naturbeads Ltd, and Professor of Chemical Engineering at the University of Bath, UK.



Daniel Zante

Project Manager at Michelin ResiCare

Daniel Zante, 20 year experience in the chemical industry, mainly in industrialization missions and with a particular focus on biochemistry. Joined Michelin ResiCare 2 years ago to lead the company's HMF project.



Laurent Belard

Scientific Director at Natureplast

Laurent B  lard has a Master degree in Material Engineering and a Ph.D. in Materials Chemistry. He is the R&D manager of NaturePlast, specialised in formula  on development.



Alberto Lopez

Team leader and project manager at CellMat Technologies

Industrial engineer and Ph.D in physics by the University of Valladolid. Polymer foam expert in CellMatTechnologies with more than 15years experience.



Christine Rasche

Head of Business Area Sustainable Chemistry at Fraunhofer IGB

Dr. Christine Rasche is the heading of the Business Area Sustainable Chemistry at Fraunhofer IGB with expertise in biorefinery concepts and scale-up.



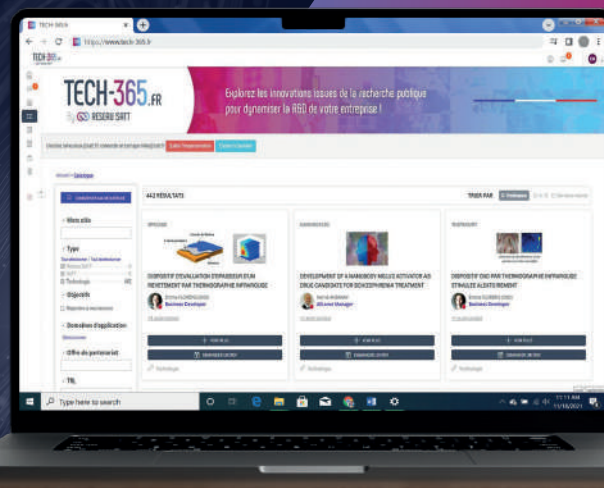
Susan Zhu

Global Marketing Director at GS Biomats

Susan Zhu is a market expert with years of experience in the furan biobased material industry, she has been working across different markets in new business partnerships.

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Parallel Session 3

KETs for Innovating Sustainable Bio-Based
Food & Feed Ingredients

 **March 12**

2:00 PM - 3:35 PM
Meeting studio 213-215



Chairperson: Frédéric Roulling
Research Team Manager at Puratos

Research team manager specialized in microbial strain engineering and bioprocess development contributing to advancements in bioproduction at Puratos



Adi Yeh
CEO at Fabumin

An innovative food-tech entrepreneur and CEO with a proven track record in developing sustainable plant-based alternatives in the food industry.



Pieter Schürman
Business Dev Manager at LabID

+10yrs (data) business development experience in FCMG, retail, blockchain and automotive. Now bringing microbiota analyses to the masses with LabID.



Adriana Gallego
Cell-cultured cocoa Lead at Food Brewer

Biologist, PhD in Biotechnology. With 15 years of expertise in plant cell cultures. Currently Scientific Director at Food Brewer, driving innovation.



Winnie Dejonghe
Project manager at VITO

Dr. Winnie Dejonghe is a project manager focusing on bioprocess development using renewable feedstock and integration of bioprocesses with membranes.



Florian Cardon
Chief Business Officer at Samabriva

Florian Cardon, PhD, MBA, Chief Business Officer at Samabriva. Previous Chief Operating Officer of Samabriva. In charge now of the company's marketing and sales activities.



Marlen Verges
Project manager at Fraunhofer CBP

Project Manager Biomass Fractionation at Fraunhofer CBP with a background in Chemical Engineering and a PhD on Organosolv Pulping of Lignocellulose (Uni Stuttgart).

Parallel Session 4

Can CDMOs and Key Technology Enablers Accelerate the Industrialization of Bio-Based Solutions?

 **March 12**

4:05 PM - 5:40 PM
Meeting studio 211-212

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Chairperson: Guillaume Lamy
Commercial Director at ARD

Guillaume LAMY is ARD's Commercial Director & WheatOleo's General Manager, with a strong Business experience in EU & US, notably with Seppic/Air Liquide, for pharma, food & nutraceutical markets



Joël Sirois
Founder and CEO at Biointelligence Technologies

Dr. Sirois, with 30+ years in biotech, co-founded Avance Pharma, led biotech engineering at Université de Sherbrooke, and founded BioIntelligence.



Timo Gehring
Professor of Bio- and Environmental Engineering at htw saar - university of applied sciences

Studied chemistry and mathematics, 12 years industry experience (head of production in Pharma) and now research topic algae technology and scale-up



Natsuki Fukano
Solid-State Fermentation Project Manager & Section Chief at Fujiwara

I joined Fujiwara Techno-Art in 2017 and have been responsible for developing solid-state fermentation equipment and researching its processes.



Paul Jusner
Research at VITO

Dr. Paul Jusner is a member of SPOT's R&D team, which focuses on the depolymerization of lignin and the fractionation of biomass.



Joanne Neary
Fermentation manager at CPI-UK
Fermentation Manager and Technical Lead on commercial and CR&D projects at CPI Biotechnology.



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Parallel Session 5

Bioenergies of the Future: Biofuels, SAF, and Biohydrogen for a Low-Carbon Economy

 **March 12**

4:05 PM - 5:40 PM
Meeting studio 214-216

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Chairperson: Marcelo Do Amaral
General Manager at Leaf by Lesaffre

Marcelo do AMARAL holds a PhD in Chemical engineering. He acquired 20 years of experience in the bioethanol and green chemistry industries in many international companies. He now leads Leaf by Lesaffre.



Leonardo Vieira Teixeira
Coordinator of Business Intelligence at SENAI Innovation Institute for Biosynthetic and Fibers

Ph.D. in Innovation Management, Leonardo works with technology and market roadmaps, focusing on analyzing and developing bioeconomy business models.



Kevin Lecoanet
Technology engineer at Axens

Engineer for the energy sector for 10+ year, I aim, with Axens, at helping our industry transition to a more sustainable model.



Greta Giacobazzi
Sales Manager for Polymer Technologies and Licenses at Sulzer

Sales manager for polymer technologies and licenses at Sulzer Chemtech involved in the deployment of biopolymers licensees globally.



Aïcha El Khamlichi
Engineer at ADEME



Emmanuel Poilpré
Strategic Project Manager at Lesaffre

Emmanuel Poilpré, Strategic Program & Project Manager at Lesaffre, specializes in fermentation, CCU, and biotech innovation for food, feed, and pharma.

Parallel Session 6

KETs Innovating Bio-Based Solutions for Cosmetics, Personal care & Healthcare



March 12

4:05 PM - 5:40 PM
Meeting studio 213-215



Florent Bouxin

Open Innovation Team Leader at Seppic

Florent BOUXIN, PhD in Organic Chemistry, joined Seppic's R&I division in 2021. Currently, he works as a Research Laboratory Manager, developing new bio-based surfactants and active ingredients for beauty care and pharmaceutical markets.



Akeem Gardner

CEO & Founder at Canurta Inc.

Akeem Gardner is a visionary entrepreneur and CEO of Canurta, specializing in biotech and botanical therapeutics. His leadership drives innovation and advances healthcare through plant-based solutions.



Annabelle St-Pierre

Researcher at Innofibre - Cégep de Trois-Rivières

Annabelle St-Pierre is a researcher in the chemistry field at Innofibre. She works mainly on the biomass valorization for the development of functional biobased extracts.



Bitia Pourmohsenin

PhD Student & Researcher at University of Tübingen

PhD student in Bioinformatics, from a Computer Science background, now focusing on Natural Product research, as a member of the SECRETed consortium.



Morad Chadni

Head of the Process Engineering Team at URD ABI

Dr. Morad Chadni, head of the process engineering team at URD ABI, I work on the extraction and the purification of bioactive compounds.



Stéphane Desobry

Professor at Université de Lorraine

Stephane is the coleader of the interdisciplinary program Biomolecules for the Bioeconomy' involving nearly 200 researchers and 24 industrial partners.



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Notes

Parallel Session 7

Biomass of the Future: Organic Waste, Gaseous Emissions,
and Securing Resources for Zero Waste Biorefineries



March 13

9:00 AM - 10:30 AM
Meeting studio 211-212



Chairperson: Luuk Van Der Wielen

Director at Bernal Institute

Luuk van der Wielen is Director of the Bernal Institute and Professor for Biosystems Engineering and Design at the University of Limerick, Ireland, and Distinguished Professor in Biobased Economy at TU Delft's Dept. of Biotechnology.



Joachim Merziger

Chief Commercial Officer at Afyren

More than 30 years experience in the chemical industry in charge of sales, marketing, strategic raw material purchasing, and regulatory affairs.



Melissa Harclerode

Director of Research at Boundless Impact Research & Analysis

Dr. Harclerode has two decades of experience in sustainability analytics and decision making of engineered systems, as well as development of regulatory guidance and tools.



Maddalena Logrieco

Researcher at MNEXT - Avans

MS's graduate in Chemical Engineering, with experience in bioelectrochemical systems, EHS, maritime safety, electric mobility, and biobased transition.



Stéphane Palmade

Chief Technical at Enosis

Holding a Master of Science and Engineering, and with over 10 years of experience in the energy sector, Stéphane leads technology developments.



Bruno Pary

President at BMP Consulting

After 35 years in ExxonMobil, Bruno Pary is now President of BMP Consulting and International Fellow of the Research Foundation of Akron University.



Ulrike Junghans

Head of Department Regenerative Resources at Fraunhofer CBP

Head of department since 09.2022 after having lead the group chemical processes and started working at Fraunhofer CBP in 2017.

Parallel Session 8

Unlocking the Potential of Marine Biomass for a Thriving Bioeconomy

 **March 13**

9:00 AM - 10:30 AM
Meeting studio 214-216

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Chairperson: Manuel Salvador de Lara

Project Coordinator and Technical Manager at Idener

Dr. Manuel Salvador Lara (male), Ph.D. degree in Molecular Biology and Microbial Biotechnology.



Bjorn Adalsteinsson

Project manager at Matis

Bjorn aims to develop practical applications for thermophilic bacteria and their enzymes, generally in the context of macroalgal biomass valorization.



Manuel Salvador de Lara

Project Coordinator and Technical Manager at Idener

Dr. Manuel Salvador Lara (male), Ph.D. degree in Molecular Biology and Microbial Biotechnology.



Montserrat Argandoña

Associate Professor at University of Sevilla

25 years of research experience in Microbial Biotechnology and Genetics of high-salinity extreme environments.



Nikolas Fokialakis

Associate Professor at University of Athens

Dr. NIKOLAS FOKIALAKIS is an Associate Professor in the Department of Pharmacy National and Kapodistrian University of Athens.



Tanja Meyer

European Project Coordinator at BBEP

Acquire, manage and coordinate European funded projects in the area of industrial biotechnology e.g. LUCRA, ShapingBio, ToBeReal, Glaukos, BioBase4SME.



Martina Vakarelova

CO-CEO at Sphera Encapsulation

Dr. Martina Vakarelova is a Co-Founder, CO-CEO and Business Development Manager of Sphera Encapsulation.

Parallel Session 9

Transforming Biomass into High-Value Molecules for Net Zero



March 13

9:00 AM - 10:30 AM
Meeting studio 213-215



Chairperson: Goizeder Barbareña Ibañez

Biomass Strategy & Business Development Manager at CENER

Goizeder Barberena is at the moment implementing and developing growth opportunities in biomass and bio-based products sector within Biomass Area of CENER and its BIO2C Biorefinery as Product Manager.



Stefan Beisl

Head of R&D at Lignovation

Lignovations Co-Found and Chemical Engineer with ten years of experience in lignocellulosic biorefining, lignin processing and applications.



Pauline Rullière

Head of R&D at Pili

P. Rullière holds a PhD in Organic Chemistry and an engineer's degree in molecular biology and chemistry. She is a specialist in biosynthesis, chemistry.



Joao Andre

Bus. Dev. Manager at Kovalus Separation Solution

Joao Andre has >20 years experience in separation technologies in multiple industries within R&D, process and sales.



Holger Klose

Head of Research «Alternative Biomass» at Institute of Bio- and Geosciences 2 - Plant Sciences, Forschungszentrum Jülich GmbH

2014 - PhD in Plant Biotechnology, 2024 - Habilitation in Biotechnology, since 2018 Group Leader - topic: Holistic Biorefinery Concepts



Peep Pitk

CDO at Fibenol

Peep Pitk, Ph.D. in environmental chemistry, leads Fibenol's journey, creating a globally unique woody biomass fractionation demonstration plant.



Marta Deucher

Business Manager at Suzano SA

Chemical engineer with experience in sales in the petrochemical industry. Has been working with lignin business development for 7 years at Suzano.



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Keynote Session 3

Advancing KETs: The Shift to Continuous Enzymatic and Fermentation Processes

 **March 13**

11:00 AM - 1:00 PM
Copper Hall

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Chairperson : Juliette Martin

Scientific Communication Manager | Seqens

Dr Juliette Martin is scientific communication manager for Seqens. She has over 20 years' experience in R&D for the fine chemicals and pharmaceutical industry, with several leading positions in chemistry and advanced biotechnologies.

Sponsor's Speech



Luc Fillaudeau

Director of Research INRAE | Le Réseau des Carnot

Luc FILLAUDEAU, scientist at TBI, specializes in bioprocess & food process engineering. Since 2021, he leads Carnot 3BCAR, fostering bioeconomy R&D.



Keynote speaker : Francesca Paradisi

Professor of Sustainable Pharmaceutical Chemistry | University of Bern

Prof. Paradisi is a Professor of Sustainable Pharmaceutical Chemistry at the University of Bern since 2019. Her research focusses on biocatalysis.



Keynote speaker: Vitor Verdelho

General Manager EABA & CEO cell4food

Round Table



Joshua Britton CEO

Debut

Debut uses cutting-edge biotechnology to bring novel, high-performing and sustainable ingredients and formulations to the beauty industry.



Bjorn Heijstra

VP of Commercial Innovation | LanzaTech

Björn is an industrial microbiologist with global experience in developing & scaling the LanzaTech Gas Fermentation process across various sectors.



Nico Snoeck

Business Development Manager | BBEPP

Christian Patermann

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 **March 13**

1:00 PM - 1:15 PM
Copper Hall

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This award celebrates breakthrough technologies and innovations that will drive the future of the bio-based economy, recognizing those who embody the pioneering spirit of Christian Patermann. His acceptance to give his name to this award is a true honor and a testament to his enduring impact on the global bioeconomy community.

The award ceremony will take place on March 13th at 1:00 PM during BIOKET 2025, where the most promising innovation will be recognized in front of key stakeholders, industry leaders, and policymakers.

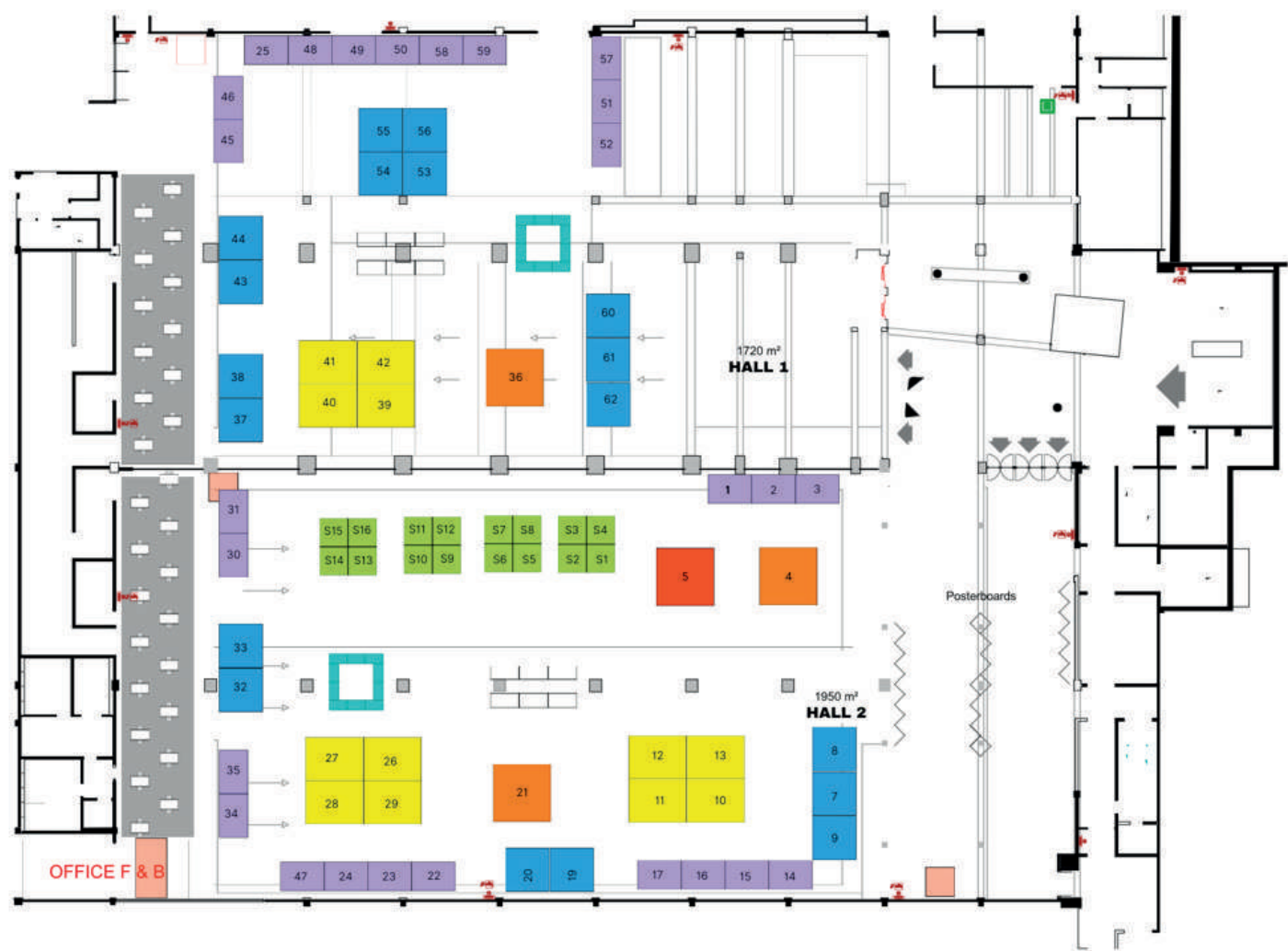
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nature's principles

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Workshop 6

BIOTRANSFORM project: pioneering the circular bioeconomy transition

 **March 13**

2 :00 PM - 4 :00 PM
Meeting Studio 214-216

BIOTRANSFORM is an initiative dedicated to accelerating the shift from linear, fossil-based systems to circular, bio-based models. These are the key highlights of BIOTRANSFORM:

- Demonstrating innovative circular bioeconomy pathways tailored to regional contexts of six European case studies in Andalusia (Spain), Northern Burgenland (Austria), Western Macedonia (Greece), Finland, Charles Spa Region (Czech Republic), and North Rhine-Westphalia (Germany), following a new circular bioeconomy transformation methodology.
- Delivering actionable insights through roadmaps and tools for policymakers, industry leaders, and communities to adopt circular bioeconomy practices.
- Offering cutting-edge governance models with practical solutions to overcome institutional barriers and foster collaboration across sectors.

Our proposed event will provide attendees with a comprehensive understanding of the project's achievements, actionable outcomes, and future potential. With BIOKET's focus on bioeconomy technologies and innovation, this collaboration is a perfect match to showcase how BIOTRANSFORM bridges science and practice to create impactful solutions for Europe's green transition.



Opening of session



Silvia Maltagliati

Policy officer | European Commission - Directorate-General for Research and Innovation (DG RTD) - 'Green Transitions' – Directorate Healthy Planet.



Introduction and overview of BIOTRANSFORM project: advancing circular bioeconomy transformation

Kirsi Kataja

Senior Scientist | VTT

Session 1 - Methodology for circular bioeconomy transformation



Overall methodology and Resource flow tool

Johannes Kissner

Professional freelancer | CluBE - Cluster of Bioeconomy and Environment of Western Macedonia



Environmental and socio-economic assessment tool

Gitanjali Thakur

LIST



MooV – Supply chain optimisation tool

Ruben Guisson

MooV Manager | VITO



Governance aspects of circular bioeconomy (transition broker role, etc.)

Jean-Benoit Bel

Senior Project Manager | Association of Cities and Regions for sustainable Resource management (ACR+)

Session 2 - Policy recommendations



BIOTRANSFORM & SUSTRACK & ROBIN projects, joint policy recommendations

Anita Lombardo

EU Project and Policy Officer | Association of Cities and Regions for sustainable Resource management (ACR+)



Luana Ladu

Research Associate Dynamic | German Federal Institute for Materials Research and Testing (BAM)- SUSTRACK



Carmen Ronchel Barreno

Biotechnology Technical Officer | Technological Corporation of Andalusia



Wrap up and Closing

Silvia Maltagliati

Policy officer | European Commission - Directorate-General for Research and Innovation (DG RTD) - 'Green Transitions' – Directorate Healthy Planet.

Workshop 7

Driving Impact in Agri-Food Innovation: Biotech Opportunities with EIT Food

Join EIT Food for an engaging workshop exploring the transformative power of biotechnology in the agri-food sector.

We'll dive into key initiatives, including the Biotech Portfolio, the Protein Diversification Think Tank, and the future European Biotech Alliance. Discover co-funding opportunities and how we drive collaboration, policy alignment, pre-competitive partnerships, and innovation—turning science into impact.

The session will conclude with an open discussion, offering a unique chance to connect, exchange ideas, and learn how to be part of it. Don't miss it!

 **March 13**

2:00 PM - 3:35 PM
Meeting Studio 213-215



Co-funded by the
European Union



Gulsah Uysal
Regional Director - Western Europe | EIT Food



Marja Liisa Meurice
Regional Director North & East | EIT Food



Lorena Savani
Mission Lead | EIT Food

Site Visit 1

Ajinomoto Sustainable Solutions



March 13



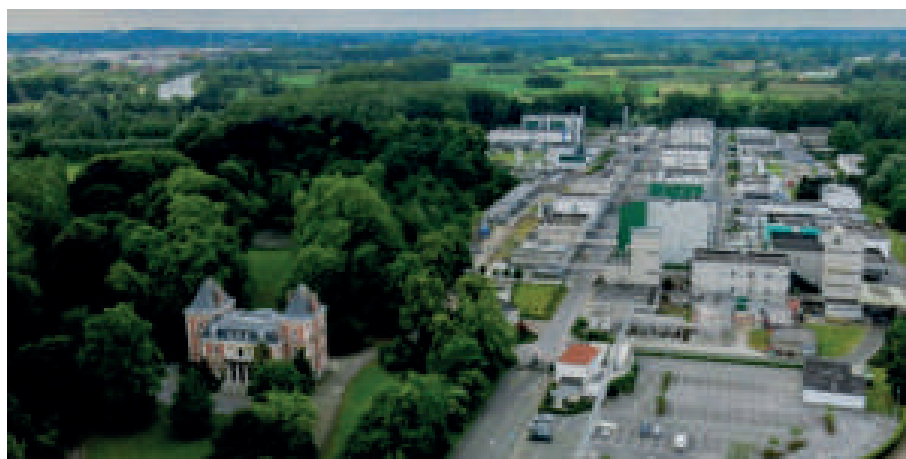
Sustainable • Solutions

1:30 PM - 5:30 PM

Ajinomoto Sustainable Solutions produce green specialties in a sustainable and efficient way. During the site visit, you will be able to understand how Ajinomoto transform their product into a sustainable version.

As a reliable partner for companies in various sectors, such as cosmetics, fragrances, food and feed, their customers trust upon them to solve complex problems and create innovative products. This is based on their outstanding chemical & biochemical expertise to shift existing processes to sustainable alternatives.

During the site visit you will pass by the main contributing parts of Ajinomoto CDMO services, such as labs, pilot plant, extraction plant and the synthesis units, including their continuous flow equipment.



Site Visit 2

Puratos



March 13

1:30 PM - 5:30 PM



Puratos is a global supplier of food solutions and ingredients for bakery, patisserie and chocolate. Their innovations are driven by Health & Well-Being and Sustainability, doing good towards a Better Planet, Better Life, Better Health.

Puratos is proud to welcome you in their Global Headquarters, which next to a production facility, hosts an Innovation Center and our Inspirience Center. You will be able to meet with R&D teams and application specialists who train and co-create with customers, with Group R&D teams that feed the innovation pipelines through an open innovation approach, and see their (semi-)industrial equipment to create and validate new bakery, patisserie and chocolate innovations. In their PuraDome, you will see how our Mission to Mars inspires us through the challenges faced on Mars to innovate on Earth.



Site Visit 3

VITO's LignoValue Pilot Plant



March 13



1:30 PM - 5:30 PM

Explore Europe's largest pilot-scale infrastructure for lignin fractionation and refining. Learn how VITO collaborates with industry and research partners to develop advanced, bio-based building blocks from lignin, paving the way for sustainable and value-added innovations.



THE WALLOON BIOECONOMY ECOSYSTEM

Join us BOOTH 20

The **Walloon bioeconomy ecosystem** is a dynamic network that promotes sustainable development through the innovative use of biological resources. Key organizations such as **Valbiom**, **GreenWin**, and the **Walloon Export and Foreign Investment Agency (AWEX)** play a crucial role in this ecosystem.

Valbiom focuses on the promotion and development of biomass and bio-based products, fostering collaboration among various stakeholders. **GreenWin**, on the other hand, is dedicated to advancing research and innovation in green technologies, supporting companies in their transition towards a more sustainable economy. Meanwhile, **AWEX** facilitates international trade and investment opportunities, helping Walloon companies expand their reach in the global bioeconomy market.

Together, these organizations contribute to making **Wallonia a leader in the bioeconomy**, driving economic growth while ensuring environmental sustainability.

Join us on March 12
from 4.30 pm for a
Beerworking Moment !



valbiom



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- Life Cycle Assessment (LCA) & Carbon Footprint
- Innovation Management Consulting
- EU Project Writing and Implementation

Contact

maurizio.bettiga@italbiotec.it



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LALLEMAND

Sponsors profile

Diamond



L'Oréal: L'Oréal was born from science, from a vision, created from the idea of a chemist. Since then, science has remained at the heart of our model with our Research & Innovation. It is without a doubt, the performance, safety and superior quality of our products that have been the foundation of our success for over 115 years. Every day, 4,000 scientists in 20 research centers around the world have a single obsession: innovating to provide our brands and consumers with the best of science and create unequalled beauty experiences that meet their infinitely diverse needs and aspirations.

Platinum



Carnot's: Carnot's mission is to prepare the future of the industry by supporting businesses innovation. Our network connects academics and industries to develop industrial projects. For innovation in Bioeconomy, Carnot network will be your preferred partner for your R&D&I. Meet us at our booth!



De Smet: De Smet Engineers & Contractors (DSEC), based in Belgium, serves the agro- and bio-industry as a process integrator, specializing in sugars & ethanol, vegoils, alt proteins, agro-nutrients, and bio-based sectors. DSEC offers engineering studies and executes projects, from EPCM to full EPC construction.



Genopole: Genopole, France's leading biocluster in the Paris Region, accommodates, accompanies and connects businesses and laboratories in all fields of biotechnologies. Genopole is increasingly attracting researchers and industrials active in the field of synthetic biology and the progress being made is enabling a large range of industrial applications.



Réseau SATT: SATT provide companies with disruptive technologies which are coming from French public research. Other specific operations : SCOUTING, DIAG DEEPTech, DEEPTech MEETINGS and TECH-365.fr



Ajinomoto: We are 75 years specialized in green chemistry as reliable partner for companies in cosmetics, fragrances, food & feed. We combine expertise in botanical extractions & access to fermentation with the latest innovative technologies.



ARD: Open Biomanufacturing Center offering a wide range of services from lab to industrialization of bioprocesses and bioproducts. Internationally recognized expertise in fermentation/DSP as well as biobased chemistry. Key words : de-risking and ramp-up.



Axens: Axens offers solutions for converting oil and biomass into cleaner fuels, petrochemical production, plastic recycling, natural gas treatment, water treatment, and carbon capture.



Beckman / Analis: Beckman Coulter & Analis empower labs with advanced technologies & support to enhance workflows and boost research. At BIOKET, we'll present the latest innovations in biomass valorization to drive bioeconomy discovery.



BBEUPP: Bio Base Europe Pilot Plant (located in Ghent, Belgium) is a unique, flexible, multipurpose state-of-the-art pilot facility for process development, scale-up and custom manufacturing of innovative biobased products and processes.



Circular bio based Europe: The Circular Bio-based Europe Joint Undertaking is a € 2 billion partnership between the EU and the Bio-based Industries Consortium that funds projects advancing a competitive circular bio-based sector in Europe.



EIT FOOD: EIT Food is the world's largest and most dynamic food innovation community. Together with partners they create connections right across the food system that stimulate new ideas and innovations to drive change.



DE DIETRICH : From R&D to industrialization, De Dietrich supports biomass processing with innovative technologies, turnkey solutions, and lifecycle services for a sustainable future.

Gold



Farmyng: The Farmyng project (BBI JU, 837750), aims to demonstrate a large-scale, first-of-its-kind bio-based value chain producing insect-based (*Tenebrio molitor*), sustainable and premium proteins & lipids for animal feed, and frass for plant nutrition.

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GS Biomats: Zhongke Guosheng pioneered in the development and industrialization of the furan bio based platform compound HMF & FDCA. Main downstream applications are bio-based high gas barrier packaging, textile, adhesive.

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HAUTS-DE-FRANCE: Hauts-de-France fosters employment and growth through bioeconomy, enhancing competitiveness by replacing fossil resources with renewables. Its policy maximizes biomass and co-products for food, materials, and energy. Info: HAUTS-DE-FRANCE ENTREPRISES +33 (0)800 026 080 / entreprises.hautsdefrance.fr

.....



Leaf by Lesaffre: Leaf, business unit of Lesaffre, is a global key player in industrial biotechnology to enable a better future. We develop industrial microorganisms and processes that allow renewable productions.

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Project Secreted: SECRETed is an EU-funded project leveraging the potential of aquatic biotechnology to develop biochemicals with custom properties for the pharmaceutical, nutraceutical, agricultural, and chemical sectors.

Silver



AciesBio: Acies Bio is a biotechnology company specializing in microbial strain development, synthetic biology, and bioprocessing for industrial applications.

.....



Afterbiochem : AFTER-BIOCHEM led to the construction of a plant that turns agricultural processing co-products into natural and high added value molecules.



Applexion: Applexion is an historic supplier of industrial purification systems worldwide. We enhance performance to reduce carbon emissions of our clients.

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Bioinvest : Connecting innovative foodtech and biotech startups to investors, our mission is to bridge the gap between sustainable solutions and venture capital.



Bioréa: Bioréa, expert of fermentation, cultivate various microorganisms (microalgae, vegetal cells, fungi, bacteria) from R&D to production thanks to an Airlift patented process.



BioTransform : BIOTRANSFORM, a Horizon Europe project (Grant Agreement No. 101081833), supports EU policymakers in transitioning from fossil-based systems to circular bio-based systems through a multi-actor approach applied across five EU regional cases.



Celabor: Your Partner in Innovation, Offering Expert Support in the Circular Economy for Sustainable Growth Across Food, Extraction, Biomaterials, and Environmental Sectors.



Fribourg: Fribourg Development Agency (FDA) | www.promfr.ch | Since 1971, the FDA has been facilitating the establishment of companies, supporting their development with services: site selection, financial and innovation incentives, and more.



Greenwin: GreenWin, Cleantech Innovation Cluster, Valbiom, reference centre for biobased economy & AWEX, Export & Investment Agency, are representing the bioeconomy ecosystem in Wallonia



IPSB: Engineering specialized in the design, construction and optimization of industrial units in agro-industry, agri-food, pharmaceutical industry and bio-industry.



LALLEMAND: Lallemand, a family owned company, is one of the global leaders in R&D, Production and Marketing of micro-organisms and their derivatives.



Michelin: Michelin ResiCare is specialized in the development of biobased & non-toxic resins, as well as in the production and commercialization of the biobased building block 5-HMF



Shapingbio: ShapingBio will promote innovation in the European bioeconomy by providing evidence-based information and recommendations for better policy alignment



TWB: TWB is an expert in leading R&D project in biotechnology. We support industry players to derisk the development of sustainable and competitive speciality ingredients & biochemicals.



Fujiwara: Fujiwara Techno-Art is a Japanese leading company in precision solid-state fermentation process, supporting scales from laboratory to industrial applications.



Italbiotec: Italbiotec accelerates biotechnology innovation, bridging research and industry with customized strategic and technical consulting



LIST: The Luxembourg Institute of Science and Technology (LIST) presents its GreenTech Innovation Center, working to develop, scale-up, and help commercialise bio-based products and bioprocesses.



SEQENS: SEQENS Biotechnologies offers biosolutions for every application, including high-value active molecules, microorganisms, specialty enzymes and industrial biocatalysis.

Silver



TAMI / SIVA: TAMI INDUSTRIES is a leader in ceramic membranes for crossflow filtration. SIVA designs & builds customized crossflow filtration units from MF to RO.



VITO: VITO turns science into technological innovations, AI solutions, and policy advice to support companies, governments, and society in their sustainability transition.

Bronze



Alliance: The Alliance (Iterg-Improve-ATV) supports its customers in their process development's journey in the field of Biotechnology, Green Chemistry, Proteins, Fats & Lipids.



Axel'One: Axel'One is a collaborative innovation platform dedicated to chemistry and environment, focused on innovative materials, clean processes and industrial analysis.



Beauvaisis : The Beauvaisis area, 1H from Paris leads the regional Eurabioeconomy initiative. From land to recruitment, higher education, research, local biomass sourcing, we can assist you.



Bgene: Bioprocess development for natural and biobased ingredients



BioIntelligence: The BioIntelligence Analytics Solution: In-situ monitoring and live analytics for intelligent biomanufacturing allowing operators to take better decisions faster.



Boccard: Boccard supply complete equip/process for the Ingred/Biotech, fermentation, food markets. Our digital solutions perfectly integrate with our Engineering & Construction.



Clextreal: Clextreal's twin screw co-rotating extruders are efficient and continuous mechano-chemical reactors to perform a wide range of lignocellulosic biomass treatments or pretreatments.



Europabio: EuropaBio, promotes an innovative European biotechnology industry. EuropaBio represents members, plus national associations and bioregions. Read more at europabio.org



Everdye: Everdye offers a solution lowering the carbon emissions, the energy consumption and eradicating toxic chemicals from the textile dyeing process.



Hamilton: Hamilton sensors offer high quality, long life, unique features, and competitive pricing for pH, DO, CO₂, cell density, conductivity, and ORP monitoring.

Bronze



HOOP: The HOOP project collaborates with 8 cities and regions to develop and implement circular bioeconomy solutions focused on the valorisation of urban biowaste.



Hydroair: HydroAir is specialized in membrane separation systems for process applications in pharma, food, chemical field and industrial effluent treatment for water reuse.



iMean: iMEAN biomodelling company reconstructs genome-scale metabolic network models with high predictive power, enabling biological system understanding.



INEVO: 20 years of process engineering—industrialization, optimization, safety, environment, and data process digitalization.



Kovalus: Kovalus Separation Solutions™ is transforming the landscape of separations by developing and leveraging synergistic technology such as membrane filtration, ion exchange, evaporation, drying, and more.



Lebas Industries: LEBAS mission is to support our customers in the implementation of industrial processes. From feasibility study to realization, upscaling and commissioning of projects.



Natureplast : Natureplast, based in France, is specialized in distribution of bioplastics, production of compound and biocomposite.



Pilots4u : The COPILOT project aims to launch a future-proof database of Open Access Pilot and Demo Infrastructures to facilitate the scale-up of innovative technologies in European Bioeconomy.

SARTORIUS

Sartorius: Sartorius provides its customers in the F&B and pharma industries, technologies to achieve breakthroughs, enabling researchers, and engineers to simplify progress and reach their goals.



SBI: Scientific Bioprocessing, Inc. (sbi) is dedicated to offering cutting-edge solutions for the life science industry, pioneering digitally simplified bioprocessing.



Stella: Stella provides toll manufacturing in :

- Molecular distillation
For refining oils, fats and waxes
- pastillation
For shaping solid products into pastilles



Unlock: UNLOCK uses feathers to create bioplastics that replace fossil-based products in agriculture, such as seed trays, mulch, and biodegradable foams.



URCA / Exebio: URCA, through the EXEBIO Institute, aims to develop transdisciplinary cooperation to develop bioeconomy at an international level working on research, training and innovation.

Participant's List as of February 25, 2025

Abolis Biotechnologies	BASF SE	CLEXTRAL	EXELISIS IKE
Acies Bio	Beckman	CLIB - Cluster Industrial Biotechnology	Fermentalg
ACR+	BGene	CluBE-Cluster of Bioeconomy and Environment of Western Macedonia	Fibenol
ADEME	Bio Base Europe Pilot Plant	Corbion	Fiks
Adisseo	Biocatalysts Ltd	Cosun	Fives ProSim
Administration of the Flemish Community	Biocon, KU Leuven	CPE LYON	Flanders Investment & Trade
AFYREN	BioContently	CPER BiHauts Eco de France	Flanders Research Institute for Agriculture, Fisheries and Food (ILVO)
Against All Odds BV	Bioeconomy For Change - B4C	CPI - Centre for Process Innovation	Floreon Technology Ltd
AGRIA GRAND EST	BioIntelligence Technologies	Cradle	Fraunhofer CBP
Agricultural Research Organization - Volcani Insititute	Biopierre - Bioproducts development center	Cristal Union	Fraunhofer IGB
AgriLife Studio	BioSC, Forschungszentrum Jülich GmbH	D&Consultants	Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB
Airliquide	Biosphere srl	Danish Permanent Representation to the EU	FRD-CODEM
Ajinomoto - Industrial Fermentation Services	Biotech Open Platform	DANONE	Fri Up
Ajinomoto Sustainable Solutions	Blue Synergy SL	DE SMET ENGINEERS & CONTRACTORS	Fribourg Development Agency
alchemia-nova GmbH	BMP Consulting	Debut	FUJIWARA TECHNO-ART CO., LTD.
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Allchemix Consultancy	Bodec	Dionymer	FUTERRO
Alysophil	Boreal Bioproducts	Eberhard Karls University of Tübingen	Futero S.A.
AMCAN	Boundless Impact Research & Analytics	Economic Development Winnipeg	Futuro Perfecto
AmphiStar	Braskem	EDBI	German Federal Institute for Material Research and Testing
Analís	C.D.F. C&I BV	EIT FOOD	GIP Genopole
APEX TITANEDGE DIGITAL SOLUTIONS	Cambridge Consultants Ltd	Enginzyme AB	Grand E-Nov+ / Invest Eastern France
APPLEXION	CAPSULAE	Ennolys by Lesaffre	Grand Reims
Arsenale Bioyards	CarboZym	Enzymaster Deutschland GmbH	Green Swanlings e.U.
ART - BIOEAST HUB CZ	Cargill	EURODIA Industrie	Greenovate! Europe
Arxada	CBE JU (Circular Bio-based Europe Joint Undertaking)	EuropaBio	GreenWin
Association of cities and regions for sustainable resource management	Cefic	European Commission	Hamilton Bonaduz AG
ATV (ex-pivert)	CellMat Technologies S.L.	European Commission DG RTD	Henkel AG & Co. KGaA
Avecom	CENER BIO2C	European Innovation Council (EIC)	HES-SO Haute école d'ingénierie et d'architecture Fribourg
AVRIL	ChainCraft	Evonik	Holiferm
Axel'One	CIRAIG Polytechnique Montreal	EXEBIO - International Institute in Bioeconomy and Environment	hollandbio
AXENS	Circular Bio-Based Europe Joint Undertaking		htw saar - University of Applied Sciences
baCta biotech	CITRIBEL		
Barry Callebaut	CLAY CAPITAL		

IBISBA	LANTANA BIO	New Wave Biotech	Technological Corporation of Andalusia (CTA)
Iconiq Innovation Limited	LanzaTech	NGF BioBased Circular	TEREOS
IDENER Research and Development.	LAPORTE EURO	NOOSA	TNO Energy and Materials Transition
IFF	Le Réseau des Carnot : 3BCAR	Nutrition from Water (NXW)	TotalEnergies
IFP Énergies nouvelles	Le Réseau des Carnot : CHIMIE BALARD CIRIMAT	Olon SpA - CDMO BioTech	Toulouse White Biotechnology
Il Bioeconomista	Le réseau des Carnot : izC	OMV AG	UK BioIndustry Association (BIA)
iMEAN	Le Réseau des Carnot : IPGG Microfluidique	Ondo State Government	UMRt BioEcoAGro 1158
IMPROVE	Le réseau des Carnot: PolyNat	Permanent Representation of Sweden to the EU	Università di Verona
Incubateur Lorrain	Leaf	Pierre Fabre	Université de Liège
INEVO GROUP	Leaf by Lesaffre	PILI	Université de Lorraine
Innofibre	Lesaffre	Planetary	University of Sevilla
INNOV'IA	Level Nine	Planet-b.io	Upgraid
INRAE	Lignovations	PNO Consultants	URD ABI - AgroParisTech
INSA Toulouse CRITT Bio-Industries	L'Oréal	Premier Tech	Valbiom
InSpek	Lucas Meyer Cosmetics by CLARIANT	Prevcarb	VCG.AI GmbH
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Institute for Bio- and Geosciences 2, Forschungszentrum Jülich GmbH	Luxembourg Institute of Science and Technology	Puratos	VITO
Instituto SENAI de Inovação em Biossintéticos e Fibras	MAASH	Q-PLAN International	Vlaamse Instelling voor Technologisch Onderzoek
Interis	Magfi «Sustainability in Action»	Région Grand Est	VTT Technical Research Centre of Finland
INVIVO	Manetco	Reper international	Vytautas Magnus University
IPAZ	Matis	Research Center Jülich GmbH - BIO.NRW	Wagralim
IPSB	McKinsey & Company	RESEAU SATT	Walloon Agricultural Research Centre
Irish Bioeconomy Foundation	Michelin Engineered Polymers	Roquette	Wespran
iTak Strategies	Michelin ResiCare	Samabriva	Ynsect
Italbiotec Srl Società Benefit	MINAGRO SRL	Sartorius	Zhongke Guosheng(GS Biomats)
ITERG	Ministry for the Environment, Climate and the Energy Sector Baden-Württemberg	SAS Pewman Innovation Europe	Zymvol Biomodeling
ITerra	MNEXT - Avans University of Applied Sciences	Scientific Bioprocessing (sbi)	
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More information at: ilbioeconomista.com



Hollandbio is the Dutch biotech industry association connecting, supporting, and representing over 260 medical, agri-food, and industrial biotech companies. Our members are active in all phases of research and development and include all company sizes: start-ups, SMEs, listed companies and multinationals. Together, we work towards our ideal future: a society where biotechnology gives its all to take health, sustainability and economic growth to the next level.



nova-Institut GmbH has been working in the field of sustainability since the mid-1990s and focuses today primarily on the topic of renewable carbon cycles (recycling, bioeconomy and CO₂ utilization/CCU). As an independent research institute, nova supports in particular customers in chemical, plastics and materials industries with the transformation from fossil to renewable carbon from biomass, direct CO₂ utilization and recycling.

More information at: nova-institute.eu



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