

BIOKET 26

17 - 19 MARCH, 2026

FRIBOURG, SWITZERLAND 

PROGRAM 2026

Get ready to take your
bio-based endeavors to new heights

Be part of this Change!

Organized by



In partnership with



DAY 1 | MARCH 17 (Tue)

8:30 AM
9:30 AM B2B MEETINGS

9:30 AM
1:00 PM OPENING CEREMONY
KEYNOTE SESSION 1

1:00 PM
2:00 PM NETWORKING BREAK

1:30 PM
3:35 PM WKS 1
STARTUP PITCH

WKS 2

B2B MEETINGS

3:35 PM
4:05 PM BREAK

4:05 PM
5:40 PM STARTUP PITCH
WKS 3
KET 1
B2B MEETINGS

6:00 PM
7:30 PM CHEESE & WINE COCKTAIL

DAY 2 | MARCH 18 (Wed)

8:30 AM
10:00 AM SCALING-UP
FACILITIES PITCH

B2B MEETINGS

10:00 AM
12:30 PM KEYNOTE SESSION 2
CHRISTIAN PATERMANN AWARDS

12:30 PM
2:00 PM NETWORKING BREAK

2:00 PM
3:35 PM KET 2
KET 3
KET 4
STARTUP WKS
B2B MEETINGS

3:35 PM
4:05 PM BREAK

4:05 PM
5:40 PM KET 5
KET 6
KET 7
STARTUP WKS
B2B MEETINGS

6:00 PM
7:30 PM COCKTAIL

8:00 PM
10:30 PM GALA DINNER

DAY 3 | MARCH 19 (Thu)

8:30 AM
10:30 AM B2B MEETINGS

9:00 AM
10:30 AM KET 8
KET 9
KET 10
STARTUP WKS
B2B MEETINGS

10:30 AM
11:00 AM BREAK

11:00 AM
1:00 PM KEYNOTE SESSION 3

1:00 PM
2:00 PM LUNCH BREAK

1:30 PM
5:30 PM SITE VISIT 1
SITE VISIT 2
SITE VISIT 3

DAY 1 | MARCH 17 (Tue)

8:30 AM - 9:30 AM | Registration & B2B Meetings

9:30 AM - 12:00 PM | BIOKET's OPENING SESSION: The Perfection Trap: Are We Setting the Bar Too High for Bio-Based Innovation?

12:00 PM - 1:00 PM | BIOKET's OPENING SESSION: Mapping the Future of Sustainable Chemistry: From Building Blocks to Applications

1:00 PM - 2:00 PM | Networking Break

1:30 PM - 2:50 PM | Workshop 1: Start-ups & Industries: What Does It Take for an Industrial Player to Adopt a New Technology from a Start-up?

2:00 PM - 3:35 PM | B2B Meetings

2:00 PM - 3:35 PM | Workshop 2: Engineering agility: how do we de-risk the bio-based innovation?

2:50 PM - 3:35 PM | Startup Pitch Session 1

3:35 PM - 4:05 PM | Coffee Break

4:05 PM - 5:40 PM | B2B Meetings

4:05 PM - 5:40 PM | Startup Pitch Session 2

4:05 PM - 5:40 PM | Workshop 3: Shaping LCA4BIO: A Co-creation Workshop on Life Cycle Sustainability Assessment Methods

4:05 PM - 5:40 PM | Technical Session 1 | KET 01: KETs driving innovation from Lab to Scale

6:00 PM - 7:30 PM | Cheese & Wine Cocktail

DAY 2 | MARCH 18 (Wed)

8:30 AM - 10:00 AM | Registration & B2B Meetings

8:30 AM - 9:45 AM | Scaling-up Facilities Pitch

10:00 AM - 12:00 PM | Keynote Session 2: From Chemical Intermediates to Biobased Pharma Ingredients – Unlocking Biomanufacturing's Potential

12:00 PM - 12:30 PM | Christian Patermann BIOKET Bioeconomy Award

12:30 PM - 2:00 PM | Networking Lunch

2:00 PM - 3:35 PM | B2B Meetings

2:00 PM - 3:35 PM | Startup Workshop 1: Fundraising Reality Check

2:00 PM - 3:35 PM | Technical Session 2 | KET 02: KETs Driving Next-Gen Biocatalysis: From Enzyme Design to Deployment

2:00 PM - 3:35 PM | Technical Session 3 | KET 03: KETs for Scalable Alternative Food Production: From Microalgae to Cell Biomass

2:00 PM - 3:35 PM | Technical Session 4 | KET 04: KETs Enabling Smarter Bioeconomy Decisions: Metrics, Models & Impact

3:35 PM - 4:05 PM | Coffee Break

4:05 PM - 5:40 PM | B2B Meetings

4:05 PM - 5:40 PM | Startup Workshop 2: Funding Pathways for Start-ups in Europe and Switzerland: Research Grants and Financial Support Programs

4:05 PM - 5:40 PM | Technical Session 5 | KET 05: KETs engineering the future of biomanufacturing

4:05 PM - 5:40 PM | Technical Session 6 | KET 06: KETs Driving Circular Pathways from Biomass to Chemicals

4:05 PM - 5:40 PM | Technical Session 7 | KET 07: KETs Driving Nature-Inspired Routes to Advanced Sustainable Materials

6:00 PM - 7:30 PM | Cocktail

8:00 PM - 10:30 PM | Gala Dinner

DAY 3 | MARCH 19 (Thu)

8:30 AM - 10:30AM | B2B Meetings

9:00 AM - 10:30 AM | Technical Session 8 | KET 08: KETs for Smarter Downstream Processing

9:00 AM - 10:30 AM | Technical Session 9 | KET 09: KETs for Smarter Biofuel Pathways: Pyrolysis, HVO & Beyond

9:00 AM - 10:30 AM | Technical Session 10 | KET 10: KETs for Circular Design: From Waste Streams to Functional Materials

9:00 AM - 10:30 AM | Startup Workshop 3: Develop Your Sales with Corporates

10:30 AM - 11:00 AM | Coffee Break

11:00 AM - 1:00 PM | Keynote Session 3: Reprogramming Nature: Biosolutions for the Future of Food

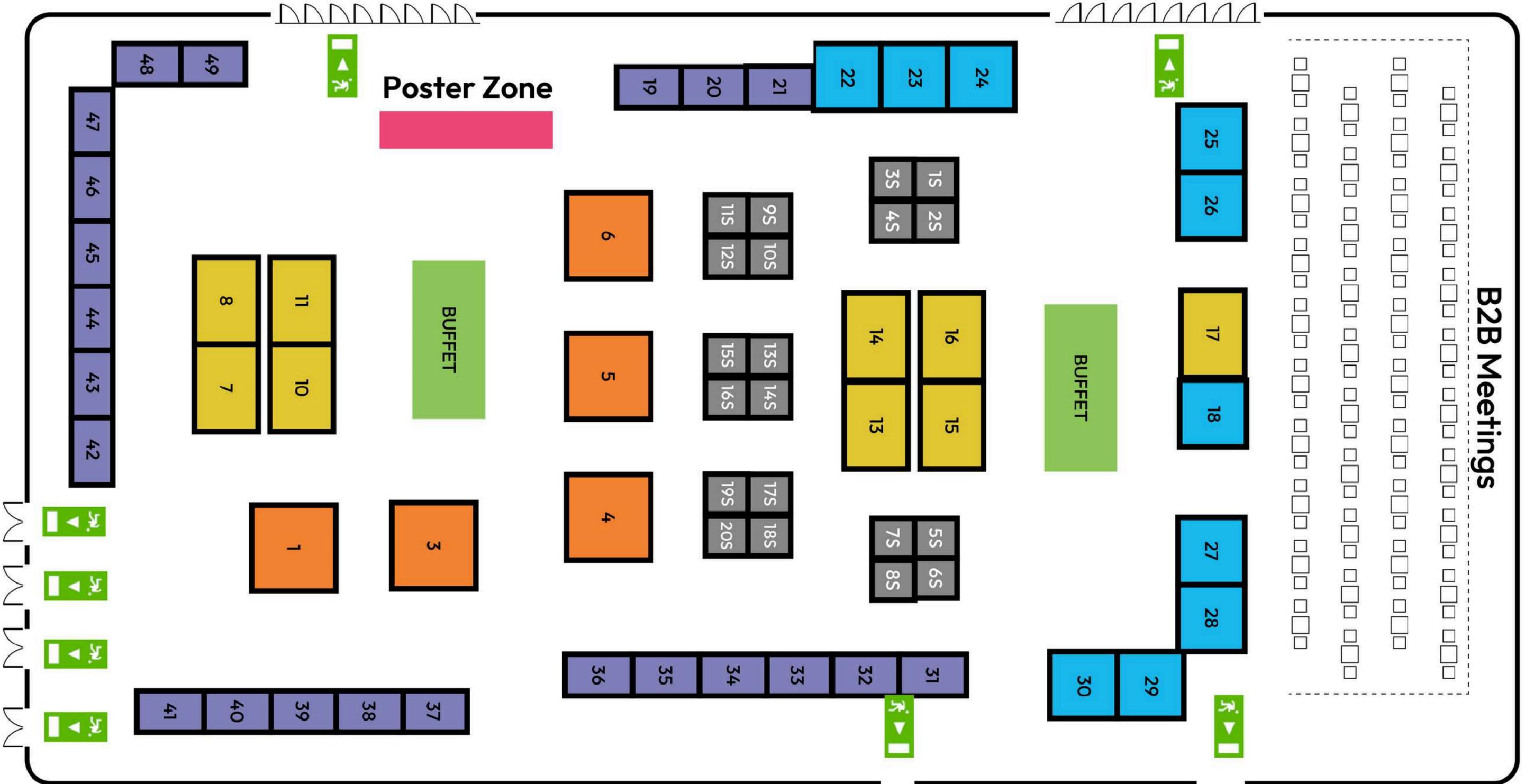
1:00 PM - 2:00 PM | Lunch Break

1:30 PM - 5:30 PM | Site Visit 1: Liebherr Visit - Insights into pioneering technologies

1:30 PM - 5:30 PM | Site Visit 2: Powered by FriUp

1:30 PM - 5:30 PM | Site Visit 3: AgriCo Site Visit

FLOORPLAN



 Bronze

 Silver

 Gold

 Platinum

 Startup

Meet our Sponsors



- 1 B4C + LCA4BIO
- 3 ARD + Genopole
- 4 Bright
- 5 Fri Up
- 6 De Smet
- 7 Fribourg, the place to grow
- 8 Liebherr
- 10 Bühler
- 11 Seqens
- 13 Région HDF
- 14 Région Grand-Est
- 15 Beckman Coulter
- 16 BioAlps + CleantechAlps
- 17 Axens
- 18 BlueSens
- 19 Hamilton
- 20 ENCO
- 21 Univ. Reims / Exebio
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- 24 Fujiwara
- 25 Frewitt
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- 28 Michelin Resicare
- 29 LIST
- 30 TAMI
- 31 iMean
- 32 Axel'One
- 33 Bgene
- 34 Hydroair
- 35 TWB
- 36 Clextral
- 37 Inevo
- 38 Stella
- 39 Eurodia
- 40 3BCar
- 41 MiAlgae (Award 2025)
- 42 RISE
- 43 GEA
- 44 CPE Lyon
- 45 Ferments du Futur
- 46 Lebas Industries
- 47 SCI Bioprocessing
- 48 Elements Advisory
- 49 TFTAK

Startup Village

- 1 S Algiecel A/S
- 2 S Niskus Biotec
- 3 S AmphiStar
- 4 S Fermelanta, Inc
- 5 S Pyran, Inc
- 6 S New Wave Biotech
- 7 S Primogene GmbH
- 8 S Gaia Tech
- 9 S Profilia
- 10 S Cosaic
- 11 S High Tech Binders
- 12 S CellTec Systems GmbH
- 13 S LABMaiTE GmbH
- 14 S Bionomous
- 15 S Bloom Biorenewables SA
- 16 S Seprify
- 17 S Aleph Farm
- 18 S InSpek
- 19 S Lignopure

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BIOKET 26
FRIBOURG 

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 **DE SMET**
ENGINEERS & CONTRACTORS

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Land of values

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BIOKET 26
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Applexion
beyond purification

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understanding bioprocesses

FREWITT 

 Microorganism Industry
Fujiwara


GENOPOLE

IPSB
LAPORTE

LUXEMBOURG
INSTITUTE OF SCIENCE
AND TECHNOLOGY | **LIST** 

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INDUSTRIES
SIVA
Advanced filtration unit

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BRONZE sponsors



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BIOKET 26

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FRIBOURG, SWITZERLAND 

WELCOME TO DAY 1 MARCH 17

 biket.tech

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FRIBOURG
Land of values



Opening Ceremony

9:30AM - 10:00AM

Halle 4C (2nd Floor)



Chairman

Michel Mangion

President



Bruno Marmier

President of the Grand Council of the Canton of Fribourg



GRAND CONSEIL
GROSSER RAT

ETAT DE FRIBOURG
STAAT FREIBURG



Jerry Krattiger

Managing Director

ETAT DE FRIBOURG
STAAT FREIBURG
STATE OF FRIBOURG

Promotion économique PromFR
Wirtschaftsförderung WIF
Development Agency FDA

FRIBOURG, THE PLACE TO GROW!



Wolfgang Ranfft

Vice-President Bio-Based Products



DE SMET
ENGINEERS & CONTRACTORS



10:00AM - 12:00PM

Keynote Session 1

Halle 4C (2nd Floor)

The Perfection Trap: Are We Setting the Bar Too High for Bio-Based Innovation?



Olivier Rolland

Global Director
Strategic Initiatives

Chairman

**L'Oréal
Research &
Innovation**



Philippe Mengal

CEO

**Chairman
Round Table**

BIC



Annie Tsong

Senior VP of Product
Development and
Corporate Affairs

**Keynote
Speaker**

Amyris



Christoph Kobler

VP Head of RD&I
Biotechnology

**Keynote
Speaker**

Evonik

Round Table



Veronica Breckenridge

Founder &
Managing
Partner

**First Bight
Ventures**



Ed de Jong

VP Development

Avantium



Matthew Berdy

Global
Commercial
Director

Sustained



Dr. Gerd Unkelbach

Director Molecular
Bioproducts R&D

UPM Biochemicals



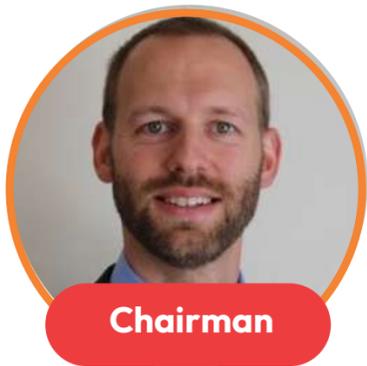
Eva Wilke

VP White
Biotechnology
Research

BASF

10:00AM - 12:00PM **Keynote Session 1** — **Halle 4C (2nd Floor)**

The Perfection Trap: Are We Setting the Bar Too High for Bio-Based Innovation?



**Olivier
Rolland**

Global Director
Strategic Initiatives

Chairman

**L'Oréal
Research &
Innovation**



**Christophe
Dardel**

Strategic
Partnerships Director

**Keynote
Speaker**

Afyren



**Cheryl
Cui**

Founder and CEO

**Keynote
Speaker**

Bota Biosciences

12:00PM - 1:00PM

Keynote Session 1 ——— Halle 4C (2nd Floor)

Mapping the Future of Sustainable Chemistry: From Building Blocks to Applications



Florent Allais

Director

Chairman

URD-ABI
AgroParisTech



Théo Guérin

Consultant in Green Chemistry

Keynote Speaker

Bioeconomy For Change



Massimo Portincaso

CEO & Cofounder

Keynote Speaker

Arsenale BioYards



Marilyne Hurtado

Business Developer Innovative Molecules

Keynote Speaker

Michelin Resicare

1:30 PM - 2:50 PM

Workshop 1 ————— **Salle 3E (1st Floor)**

Start-ups & Industries: What Does It Take for an Industrial Player to Adopt a New Technology from a Start-up?

This session brings together leading industrial players and start-ups to reveal how companies adopt new technologies. It includes industry talks, collaboration testimonials, and an open discussion on criteria, processes, key learnings, and best practices for building successful innovation partnerships.

1. Industry Presentations

Givaudan



Nestlé Good food, Good life

2. Start-up Testimonials

BL°OM



Seprify

MATERIALS

3. Panel Discussion

For more information access: <https://bioket.tech/#program>

2:50 PM - 3:35 PM

**Startup Pitch
Session 1**

Salle 3E (1st Floor)

Vertical AgriFood & Life Science



novobiom



For more information access: <https://bioket.tech/#program>



2:00 PM - 3:35 PM **Workshop 2** ————— **Halle 4A (2nd Floor)****Engineering agility: how do we de-risk the bio-based innovation?**

De Smet Engineers & Contractors (DSEC) builds the ecosystem that transforms scale-up ambitions into industrial reality. As processes evolve and assumptions shift, they act as a strategic facilitator with an adaptive execution mindset and key contributions to early-stage development. Their approach is built for change! Their partnering approach de-risk start-up's and industrials investment decisions based on reliable CAPEX delivered before execution, contracted through EPCM, EP+CM, EPC or EPCM+ models.

Fibenol**BL°OM****INTERIS**
BIOTECHNOLOGY EXPERTS**GEA****TripleW³****For more information access: <https://bioket.tech/#program>**

4:05 PM - 5:40 PM

Startup Pitch Session 2

Salle 3E (1st Floor)

Vertical Biomaterials



BLUE OCEAN
CLOSURES



VEGSKIN

Alterskin[®]

BLOOM

Vertical Biochemicals

AmphiStar
BIOSURFACTANTS


Fermelanta

 **PYRAN**
The 5-Carbon Company

 **Seprify**

 Celluol

For more information access: <https://bioket.tech/#program>



4:05 PM - 5:40 PM **Workshop 3** ————— **Halle 4A (2nd Floor)**

Shaping LCA4BIO: A Co-creation Workshop on Life Cycle Sustainability Assessment Methods

This workshop will introduce LCA4BIO, a project developing improved and harmonized methodologies to assess environmental, social and economic impacts and circularity in bio-based systems. After presenting the project's goals and key innovations, participants will join an interactive co-creation session to share perspectives and insights.

Their contributions will guide the development of practical, user-oriented Life Cycle Costing (LCC) methodology and tool that support the sustainable growth of Europe's bio-based industry.



WORKSHOP FACILITATOR

Lucia Garcia Santos

Head of R&D Projects Implementation at Contactica and coordinator of the LCA4BIO project

For more information access: <https://bioket.tech/#program>



CHAIRPERSON

Magali Bischof
General Secretary
BioAlps



CHAIRPERSON

Eric Plan
General Secretary
Cleantech Alps

4:05 PM - 5:40 PM

KET 01

La Sarine (2nd Floor)

KETs driving innovation from Lab to Scale



**Why the biorefineries fail? -
Lessons learned from 20 years
experience**

Stamatina Sideri

Business Development Manager | API
Europe



TBD

Sylvain Legay

Lead Researcher | LIST - Luxembourg
Institute of Science and Technology



Patent to Plant

Julien Thiel

CEO | Deasyl



**Scaling carbon removal:
Lessons from HTC and
subsurface storage**

Timothy Baars

Head of Storage | Recoal AG



**Building the Pathway: Scaling
Myco valorisation from Lab to
Pilot—Onsite Modular Solutions
for Whiskey Pot Ale to Food-
Grade Protein**

Vincent Farrelly

CEO | Niskus Biotec



**CCU-to-Food: Scaling-
up Industrial CO2
Fermentation**

Diego Grumbach

CTO | Solmeya





BIOKET 26
FRIBOURG 

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 **BIOECONOMY
FOR CHANGE**

DAY 1
March 17 (Tue)

join us!

CHEESE & WINE COCKTAIL

6:00 PM - 7:30 PM

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BIOKET 26

17 - 19 MARCH, 2026
FRIBOURG, SWITZERLAND 

WELCOME TO DAY 2 MARCH 18

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8:30 AM - 9:45

Scaling-up Facilities Pitch Session

Halle 4A (2nd Floor)



Plant cell culture at LIST: the green engine of tomorrow

Sylvain Legay

Lead Researcher | LIST - Luxembourg Institute of Science and Technology



Overcoming the pilot-plant valley-of-death when scaling-up cultivated food products

Erika Georget

Managing Director | The Cultered Hub



Bridging Lab and Industry with Scalable Fermentation Solutions

Marco Pistocchi

General Manager | Biosphere S.r.l.



SmartRoute™ to Biomanufacturing – Flexible Development and Scale-up of Biosolutions

Bor Klančnik

BD manager | Acies Bio d.o.o.



Processium, your process development partner

Flavio Benevides

Strategic Development Director | Processium/Technip Energies



Algae Bioprocesses Platform – R&D – CEA

Julie Person

Industrial Partnership Manager for Algae R&D Platform | CEA - R&D Algae & Processes Platform

8:30 AM - 9:45

Scaling-up Facilities Pitch Session

Halle 4A (2nd Floor)



VTT Pilots

Petri Ihalainen

Customer Account Lead | VTT Technical
Research Centre of Finland Ltd



**Scaling up continuous
fermentation process**

Guillaume Le Cloirec

Sales Engineer | ATV- Technologies



**How to empower the
industrialization of your
process**

Guillaume Lamy

Commercial Director | ARD



**From Lab to Factory – How
GEA Supports You in Scaling
Your Biotechnological
Processes**

David Vorländer

Application Manager New Food |
GEA Liquid Technologies Germany
GmbH



**From Lab to Fab:
Accelerating Biobased
Innovation**

Rakesh Nair

Business Development Manager | Bio
Base Europe Pilot Plant



**From Discovery to
Scale-Up: The Design
for Manufacture
Methodology**

Chloe Howell

Business Manager | Biocatalysis



**FOOD FAB LAB: de-
risking scale-up**

Marco Alves

R&D Agrifood Manager | Tagus
Valley

10:00AM - 12:00PM **Keynote Session 2** — **Halle 4C (2nd Floor)**

From Chemical Intermediates to Biobased Pharma Ingredients: Unlocking Biomanufacturing's Potential



Katharina Fromm
Rector
University of Fribourg

Chairwoman



Roland Wohlgemuth
Professor, Chairman at ESAB and President at SKB
Lodz University of Technologies

Keynote Speaker



Charlotte Capelle
Business Development Manager
Sartorius

Keynote Speaker



Olli Kähkönen
Co-Founder/CEO/Chief Innovation Officer
Nordic Bioproducts Group

Keynote Speaker



Geoffrey Folie
Head of Internal Manufacturing
UCB

Keynote Speaker

Round Table



Guillaume Lamy
Commercial Director
ARD



Juliette Martin
Scientific Communication Manager
Seqens



Geoffrey Folie
Head of Internal Manufacturing
UCB



Marco Pellegrini
Bioeconomy Manager
CEFIC



12:00 PM -12:30 PM

Christian Patermann Bioket Bioeconomy Awards

Meet the candidates

BLOOM

 **Cherry Mic.**

 **COMPOSITE
SCHOOL
ACADEMY**

every **carbon**

fyteko
The Science of Biopossible

 **GREEN
Fusyon**

 **inSpek**


MICHELIN

 **pili**

 **Primogene**
Ingredients for life


RENATURE
Attractive Materials

sustaineda
bioglycols

TERAVENIR
LA JUSTE DOSE, JUSTE À TEMPS !

1:00 PM – 2:00 PM

POSTER PRESENTATION

EXHIBITION AREA



Overcoming the scale-up challenge: developing a process to scale-up the synthesis and extraction of cellulose micro particles

Christophe Allemann

Professor of Process Chemistry & Head of ChemTech | HEIA HES-SO//FR



Valorization of Microalgae as a Source of Biomass and Renewable Energy

Michal Dabros

Professor | HES-SO University of Applied Sciences and Arts Western Switzerland



Pilot Scale-up Strategies for Biobased Acetal Monomers in High-performance Polymers

Sylvie Wigmans

Doctoral student | HEIA-FR & EPFL



An enzymatic strategy for the valorisation of corn processing by-products

Mingqin Li

Senior researcher | Food Science, Adolphe Merkle Institute, University of Fribourg



Valorization of Lignin Through Oxyalkylation and Maleation: A Step Toward Bio-Based Polymers

Ume Farwa

Doctoral researcher | University of Helsinki



Understanding Alkali Lignin Solubility Through Predictive Modeling

Hifza Rouf

PhD researcher | University of Helsinki

1:00 PM – 2:00 PM

POSTER PRESENTATION

EXHIBITION AREA



**From lab to industry:
Techno-Economic
Assessment of lipase
production using biowaste as
carbon source using Pichia
pastoris**

Ana Del Hierro Calvachi

PhD candidate/ Junior Bioprocess
Specialist | University College Dublin/
Bionet



**Unlocking reproducible, robust,
and high-performance
bioprocessing with yeast-
derived bionutrients**

Marie Schöpping

R&D Technologist | Ohly GmbH



**Advancing Fungal Discovery into a
High-Rate Biomanufacturing
Process: Food-Grade DoE-
Optimised Neurospora sp. F20595
and Circular Production Strategies**

Anuj Lipton

Senior scientist | A*STAR's Singapore Institute of
Food and Biotechnology Innovation (SIFBI)



**Data driven optimization of
Paenibacillus polymyxa EPS
fermentation: Application of
multistep DOEs and machine
learning (logistic regression)**

Jan Grundheber

PhD candidate | TUM Technical University of
Munich



**PHAGRI: phages for
agriculture**

Maëlle Bochud

Senior Academic Associate | Biofactory
Competence Center (BCC)



**Robust industrial biocatalysts
with peroxygenase, phenol-
oxidase or furfuryl-oxidase
activities from bacterial and
fungal hosts**

Marta Pérez-Boada

Project Manager | Center for Biological
Research Margarita Salas, CSIC

1:00 PM - 2:00 PM

POSTER PRESENTATION

EXHIBITION AREA



Extremophilic Microalgae in a Floating Light Ball Reactor (FLBR®): Cultivation of thermophilic PCC 6715 and hypersaline Dunaliella salina

Patrick Maurer

Scientific employee | htw saar - University of applied sciences



Cultivation of the Microalgae Phaeodactylum tricornutum in a Floating Light Ball Reactor (FLBR®) on Different Scales

Mutlu Yildirim

Scientific employee | htw saar - University of applied sciences



Precision Phage Production Using Impedance Flow Cytometry Technology

Carmen Jungo Rhême

professor and director of the Biofactory Competence Center, leads bioprocess and phage therapy research | HEIA-FR / HES-SO Fribourg



Real-time monitoring of Escherichia coli cultures using spectroscopic methods

César-Enrique Rodriguez Fano

PhD candidate in Biochemistry | University of Lyon



2:00 PM - 3:35 PM

KET 02

Halle 4A (2nd Floor)

KETs Driving Next-Gen Biocatalysis: From Enzyme Design to Deployment



Advancements and open challenges in the development of biocatalytic processes

Volker Sieber

Professor | TUM



State-of-the-art technology for discovery and engineering of industrial enzymes

Laura Tiessler

Senior Scientist | Zymvol



Enzymatic process for ADAME production

Arthur Cornet

Biocatalysis Leader | Arkema



Enxylascope Project: Enzymatic Deconstruction of Xylan Biomass for Novel High-Value Cosmetic Ingredients

Arnaud Masselin

Biocatalysis Leader | Seppic



Lipase-Catalyzed Synthesis of Biosourced Estolides from Hydroxylated C18 to C22 Fatty Acids

Juliette Martin

Scientific Communication Manager | Seqens



From Catalysts to Biocatalysts: Leveraging advanced materials expertise to scale up biocatalyst production

François-Xavier Chiron

New Business Development Manager:
Advanced Materials & Catalysts | Technip Energies



CHAIRPERSON
Damien Paineau
CEO
Ferments du Futur

2:00 PM - 3:35 PM

KET 03

Salle 3E (1st Floor)

KETs for Scalable Alternative Food Production: From Microalgae to Cell Biomass

Mechanical cell disruption of the green microalga *Chloridium saccharophilum* using the bead mill NanoWitt-100 (Frewitt Ltd.): Effects on protein digestibility and aroma profile



Daniel Kurpan

Post-doctoral researcher | Agroscope

Scalable animal-cell biomass production using food-grade media: a cost-optimized bioprocess for the circular bioeconomy



Didier Toubia

Co-Founder & CEO | Aleph Farm

Synthetic Microbial Ecology for Plant-Based Fermentation and Functional Food Design



Julien Tap

Research scientist | INRAE

Capsule based cell expansion: A new route to produce large amounts of adherently growing cells



Daniel Ropoport

Senior Scientist | CellTec Systems GmbH

Riboflavin production through solid state fermentation on agro-industrial byproducts and building of the associated mechanistic model for further scale-up



Quentin Carboue

Researcher in biobased transitions | URD ABI - AgroParisTech

PROSPECTIVES Project: Unlocking Microalgae Potential as a Sustainable Alternative Protein Source



Julie Person

Industrial Partnership Manager for Algae R&D Platform | CEA - R&D Algae & Processes Platform





CHAIRPERSON

Aïcha El khamlichi
Scientific Coordinator –
Bio-based Products and
Biofuels | ADEME

2:00 PM – 3:35 PM

KET 04

La Sarine (2nd Floor)

KETs Enabling Smarter Bioeconomy Decisions: Metrics, Models & Impact



How environmental assessments can support the development of a sustainable bioeconomy?

Aïcha El khamlichi

Scientific Coordinator – Bio-based Products and Biofuels | ADEME



Monitoring Systems of the European Bioeconomy and its potential use to develop the Irish Bioeconomy

Jorge Diaz Huerta

Bioeconomy researcher | Teagasc



Life Cycle Assessment of Upcycled Sophorolipids Reveals Significant Environmental Advantages

Sofie Lodens

Product and Project Manager | AmphiStar BV



SYMBA: Smart Symbiosis and AI-Driven Process Modelling for a circular bioeconomy

Antonietta Pizza

Head of EU Projects Unit | Enco srl



TBD

Maurizio Bettiga

Chief Innovation Officer | Italbiotec srl



High-throughput microbioreactors -- driving smarter bioeconomy decisions and impact

Sebastian Blum

Market Development Manager | Beckman Life Sciences



2:00 PM - 3:35 PM**Startup
Workshop 1****Le Chalet (1st Floor)****Fundraising Reality Check**

The objective of the workshop is to review your fundraising approach to ensure it is consistent with your overall strategy, and that it is realistic and aligned with current investor expectations. It helps start-ups assess the plausibility and coherence of their fundraising plans in light of current market standards. Through a combination of guided discussions and AI-based analytical tools, the start-ups gain a clear and factual understanding of how their fundraising compares to investor expectations.

**WORKSHOP FACILITATOR****Brigitte Baumann**

CEO and Founder | efino.io

For more information access: <https://bioket.tech/#program>



4:05 PM - 5:40 PM

KET 05

Halle 4A (2nd Floor)

KETs engineering the future of biomanufacturing



**Industrial Scalable Platform
Technologies for Microalgae
Cultivation**

Timo Gehring

Professor of bio- and environmental
process engineering | htw saar - university
of applied sciences



**Innovation with Solid-State
Fermentation**

Tadashi Hara

Solid-State Fermentation Project
Manager & Section Chief | Fujiwara
Techno-Art Co.



**Chip-based multi-parameters
sensor for real-time
bioprocess monitoring,
enabling AI-driven
optimization in manufacturing**

Jérôme Michon

CEO | InSpek



**Exploitation of model-based
methods in
biomanufacturing**

Jan Niklas Pauk

Senior Research Scientist | Competence
Center CHASE



**Embedding
Biomanufacturing in a
Sustainable Society: Smart,
Circular, and Responsive
Biobased Production Systems**

Maarten Verhoeven

Scientist | Wageningen University and Research



CHAIRPERSON
Alois Kindler
Research Fellow
BASF

4:05 PM - 5:40 PM

KET 06

Salle 3E (1st Floor)

KETs Driving Circular Pathways from Biomass to Chemicals



Advancing Agrochemical Sustainability with CTO-Derived Innovations: SYLVASOLV™ Oils, Rosin Esters, TOFA, and DTO

Sara Frattini

Business Development Manager | Kraton Chemical



Purification of hydrolysates from lignocellulose for fermentation of platform chemicals

Arne Gröngröft

Group Leader Separation Technologies and Process Design | DBFZ - Deutsches Biomasseforschungszentrum



Production of biochar, gas and bio-oil by biomass pyrolysis: overview of technologies, pilot plants and products quality

Anthony Dufour

Research director | CNRS Nancy



A Step Further in Circular Economy: Seeking higher responsibility in Alkyl PolyGlucoside surfactants

Florent Bouxin

R&D project Leader | Seppic



From Nature's Protection System to Industrial Performance: Lignopure's approach to market ready lignin

Joana Gil Chavez

CEO | Lignopure



FERTIMANURE – Circular Solutions for Manure Valorization into fertilizers

Audrey Lallement

Research engineer | Rittmo





4:05 PM - 5:40 PM

KET 07

La Sarine (2nd Floor)

KETs Driving Nature-Inspired Routes to Advanced Sustainable Materials



Bioinspired chemistry as entry to exclusive functional materials

Michael Richter

Head of Department | Fraunhofer - Institute for Interfacial Engineering and Biotechnology IGB



Valorizing Lignin into Fully Renewable Epoxy Matrices: A Biomass-Conversion Route for Sustainable Composites

Aina Pérez Nakai

PhD Researcher | VITO (Vlaamse Instelling voor Technologisch Onderzoek)



Exploitation of branched sugar structures for coating and fibre applications

Stefan Hanstein

Project manager | Fraunhofer IWKS



Tailor-made biocatalysts for the sustainable conversion of lignins from the paper pulp industry into bio-based products

Susana Camarero

Scientific Researcher | Center of Biological Research Margarita Salas (CIB), CSIC



Drop-in carbohydrate-based diol for recyclable and low-toxicity thermosets

Maxime Hedou

PhD student | HES-SO Fribourg



4:00 PM - 5:40 PM

Startup Workshop 2

Le Chalet (1st Floor)

Funding Pathways for Start-ups in Europe and Switzerland: Research Grants and Financial Support Programs

This workshop provides a comprehensive overview of the funding landscape available to start-ups in Europe and Switzerland.

The access to European research funding opportunities may be presented by Bio-Invest Europe, offering concrete guidance on how start-ups can secure non-dilutive funding.



WORKSHOP FACILITATOR

Filippo Giancarlo Martinelli

Director | Magfi Ltd "Medsea"



WORKSHOP FACILITATOR

Ana Hösli

Supervisor Start-up Coaching | InnoSuisse

For more information access: <https://bioket.tech/#program>



BIOKET 26
FRIBOURG 

Organized by
 **BIOECONOMY
FOR CHANGE**

DAY 2
March 18 (Wed)

join us!

NETWORKING COCKTAIL

6:00 PM - 7:30 PM

Sponsored by



GALA DINNER

8:00 PM - 10:30 PM

Sponsored by



Local: Salle Grenette
Place de Notre-Dame 4
1700 Fribourg



BIOKET 26

17 - 19 MARCH, 2026
FRIBOURG, SWITZERLAND 

WELCOME TO DAY 3 MARCH 19

Organized by



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9:00 AM - 10:30 AM

KET 08

Halle 4A (2nd Floor)

KETs for Smarter Downstream Processing



**Upstream Decisions,
Downstream Efficiency:
Designing Bioprocesses
for Food Applications**

Ranno Nahku
R&D Director in Bioprocesses | TFTAK



**Driving industrial
performance through
digitalization: the Impact of
Run 4.0 and Perform 4.0 in
industrial purification**

Alexandra Gimbernat
Technology Product Manager | Applexion



**Smart Separation:
Advanced Membrane
Filtration for Complex
Bioprocesses**

Joao Andre
Business Development Manager |
Kovalus Separation Solutions



**Industrial Scale-Down Strategies
for Robust Bioproduct Recovery
and Purification in
Biomanufacturing**

Ramnik Singh
Senior Applications Manager, Bio-Chemicals |
Sulzer



**Biomass valorization:
Technical solutions for
lignocellulosic sugars
purification and lignin
recovery**

Marie Chauve
Process Innovation Manager | Eurodia



**Bridging Lab to Industrial
Scale: Smart GEA Separation
Solutions for Bioprocess
Intensification**

Tore Hartmann
Senior Product Manager Biochemicals | GEA
Westfalia Separator Group GmbH





9:00 AM - 10:30 AM

KET 09

Salle 3E (1st Floor)

KETs for Smarter Biofuel Pathways: Pyrolysis, HVO & Beyond



**Towards Sustainable Biofuels:
A Polyhydroxyalkanoate-
Based Approach**

Roger Marti

Professor | Haute école d'Ingenieurs et
d'Architectes de Fribourg



**Brazil's potential for
renewable diesel: oilseed
prioritization and process
development for HVO
production**

Bruno Peixoto Rodrigues

Researcher | Firjan - SENAI Innovation Institute for
Biosynthetic and Fibers



**Utilizing waste biomass via
innovative thermochemical
conversion to produce high
quality products**

Robert Daschner

Head of Department | Fraunhofer
UMSICHT



**Mini Green Power compact
solutions to dry and convert
biomass in low-carbon
heat/power/biochar**

Servane Gadou-Gueny

Export Sales Director | Mini Green Power



**Flying the Future: Advances
in Aviation Fuels at the Joint
BioEnergy Institute (JBEI)**

Blake Simmons

Chief Science and Technology Officer | Joint
BioEnergy Institute



**Driving Bankability of
FuturoL Lignocellulosic
Biorefineries / Finance and
R&D: Two Sides of the Same
Coin**

Emilia Knospe

Technologist BIO | Axens



CHAIRPERSON
Marzio Monagheddu
Business Development
Consultant
VITO

9:00 AM - 10:30 AM

KET 10

La Sarine (2nd Floor)

KETs for Circular Design: From Waste Streams to Functional Materials



Valorization of by-products into bio-inspired sustainable materials

Manon Guivier

Postdoctoral researcher | Adolphe Merkle Institute



Closing the loop of potato starch valorisation: starch from wastewater and rejected potato pieces for its use as thermoplastic starch in potato seed cultivation

Laura Villacian

R&D Project Manager | Tecnopackaging



Rethinking Sludge End-of-Life: From Waste to Valuable Bio-Resources

Alisar Kiwan

R&D Manager | B-Plas sbrl



Valorising Industrial Side Streams into Mycelium-based Materials: Innovative Biotechnological and Design Approaches

Marc Rüger

Scientist | Anhalt University of Applied Sciences



Upcycling food residues to sustainable fatty acids: how open mixed culture fermentation can turn chemistry circular

Maurice Oltheten

Head of R&D | ChainCraft



Better by Nature: Upcycling organic waste into plastic-free industrial performance materials

Beat Karrer

Founder & CEO | FLUIDSOLIDS®
Biocomposites



9:00 AM - 10:30 AM**Startup
Workshop 3****Le Chalet (1st Floor)****Structuring a sales approach that transforms corporate complexity into scalable revenue**

This workshop provides B2B tech start-ups with a clear, repeatable framework to approach, engage, and sell to corporates with credibility and impact. Based on proven Sandler sales principles, the session challenges conventional selling assumptions and refocuses founders on buyer alignment, decision-making dynamics, and balanced risk in sales conversations. The objective is to shorten sales cycles, avoid poorly qualified opportunities, and build durable corporate relationships.

Participants gain practical sales tactics, stronger execution discipline, and the mindset shift required to sell effectively within complex corporate environments. Delivered in partnership with Bertrand Klaiber from Tech4regen | EPFL, the workshop is led by Bill Morrison, founder of Sandler Training in Switzerland.

**WORKSHOP FACILITATOR****Bill Morrison**

Managing Partner | Sandler Training

For more information access: <https://bioket.tech/#program>

11:00AM - 1:00 PM

Plenary Session 3

Halle 4C (2nd Floor)

Reprogramming Nature: Biosolutions for the Future of Food



**Luuk Van
Der
Wielen**

Director

Bright at DTU

Chairman



**Morten
Sommer**

Scientific
Director

Bright at DTU

**Keynote
Speaker**



**Randi
Wahlsten**

CEO

MATR Food

**Keynote
Speaker**



**Benoît
Goldsmichdt**

Open Innovation
Director

BEL Group

**Keynote
Speaker**



**Thomas
Bomhoff**

VP sustainability
& External
Engagement

Novonosis

**Keynote
Speaker**



**Leandro
Buchmann**

Head of
Bioprocessing

Bühler

**Keynote
Speaker**



**Ian
Marison**

Co-founder and
Chief Scientific
Officer

Planetary

**Keynote
Speaker**

Site Visit 1

Liebherr Visit - Insights into pioneering technologies

1:30 PM - 5:30 PM

As we move towards a sustainable future, we present the innovative drive systems that we are working on in detail. Let our diverse portfolio of future-oriented drive technologies inspire you. In the near future, new products will be launched that are powered by hydrogen and fuel cells as energy converters. The first hydrogen-powered Liebherr R9XX H2 crawler excavator was already presented at Bauma 2022 and won the Innovation Award. During the visit you will experience the LMB state-of-the-art test benches as well as the partnership between companies to promote hydrogen infrastructure.

LIEBHERR



Site Visit 2

Bluefactory - ChemTech - Marly Innovation Center

1:30 PM - 6:00 PM

This visit offers an in-depth immersion into the Fribourg innovation ecosystem. It begins at the Bluefactory site, an innovation hub located in the heart of Fribourg that brings together start-ups, research institutes and support organisations. Participants will discover either the applied research institute specialising in plastics and polymers, or the Biofactory Competence Center, dedicated to applied biotechnologies.

The visit will then continue on the ChemTech, which provides pre-industrialisation infrastructures dedicated to green chemistry. This environment supports the early scale-up phases of innovative projects such as Bloom and Seprify, whose experiences will be presented. At the end of this stage (around 4:30 pm), participants with travel constraints will be able to reach Fribourg railway station easily by bus.

The visit will conclude at the Marly Innovation Center, a major innovation site developing a hub focused in particular on green chemistry. Visitors will have the opportunity to discover the iPrint, an international centre of excellence in printing technologies, illustrated through a project involving the printing of bio-sourced materials.

The return is scheduled via Fribourg railway station, followed by Forum Fribourg, with final arrival around 6:00 pm.



Site Visit 3

AgriCo Site Visit

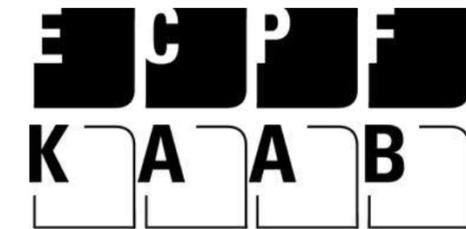
As part of Bioket.tech 2026, participants are invited to discover AgriCo, the Swiss campus dedicated to agri-food, biomass, and biotechnological innovation.

This visit offers a unique opportunity to explore how biotech-driven solutions — such as efficient production-site, precision agriculture, insect-based systems, and algae cultivation — are being developed, tested, and scaled on the site.

AgriCo represents a living ecosystem for circular bio-innovation, where industrial players, research institutions, and start-ups collaborate to transform biological resources into high-value products for food, materials, and energy applications.



1:30 PM - 5:30 PM





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