

Programme

Day 1 – 21 February 2024

09.00	Conference registration / Welcome coffee
10.00	Opening session Moderator: Tatjana Schwabe-Marković, CLIB e. V.
10.00	Opening: Dennis Herzberg, CLIB e. V.
10.10	Welcome: Roland Breves, CLIB e. V.
10.30	Political greeting: Mona Neubaur, Minister for Economic Affairs, Industry, Climate Action and Energy NRW
10.50	Keynote: Markus Wolperdinger, Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB – Biological transformation in industry and society
11.25	Keynote: Hannelore Daniel, TU München Life Sciences – New food systems
12.00	Lunch
13.30	Session 1: Lowering the innovation barrier: enzymes in biomanufacturing Moderator: Pia Skoczinski, nova-Institut GmbH
13.40	Egon Gross, Symrise AG – Improving process development by early implementation of online data in shake flasks
14.00	Gibson Nyanhongo, AgroBiogel GmbH – Biomass valorization for increased fertilizer and water use efficiency in agriculture
14.20	Stephan Lütz, TU Dortmund University – Optimization of enzyme cascades for the production of complex molecules
14.40	Joint Q & A Session with all speakers
14.55	Coffee break / Networking Session
15.30	Session 2: From thin air to solid value: using C1 feedstocks Moderator: Heleen De Wever, VITO, Flemish Institute for Technological Research
15.40	Sandy Schmidt, University of Groningen – Conversion of carbon dioxide by smart autotrophic biorefineries – The ConCO ₂ rde project in a nutshell
16.00	Helmut Schwab, Econutri GmbH – Production of single cell protein from carbon dioxide by gas fermentation
16.20	David Virant, Acies Bio Ltd. – One Carbon Bio – enabling the methanol bioeconomy
16.40	Joint Q & A Session with all speakers
16.55	Coffee break / Networking Session
17.30	Session 3: Panel discussion on Implementing biomanufacturing: national or international effort? Moderator: Martin Langer, BRAIN Biotech AG
17.30	Input – Ute Schick, Evonik Industries AG
17.40	Panel – Jürgen Eck, bio.IMPACT GmbH
	Panel – Max Kroymann, Federal Ministry for Economic Affairs and Climate Action
	Panel – Mary McCarthy, Sofinnova Partners
	Panel – Mariagiovanna Vetere, NatureWorks LLC
18.30	Conference dinner

Programme

Day 2 – 22 February 2024

08.30	Conference registration / Welcome coffee
09.00	Opening Session Moderator: Markus Müller, CLIB e. V.
09.10	Keynote: Nazanin Ansari & Karl-Erich Jaeger, Schoeller Textil AG & Heinrich Heine University Düsseldorf – Enzymes for greener production: lessons from the textile industry
09.45	Session 4: A tasty future: biotechnology for sustainable foods Moderator: Lee Greene, Foodhub NRW e.V.
09.55	Natnael Behabtu, International Flavors & Fragrances – Health & Biosciences – Sustainable solutions that transform consumers' lives and experiences: Biotechnology & sustainable product innovation
10.15	Will van den Tweel, Those Vegan Cowboys – Saddle up – animal free caseins are on their way
10.35	Eugene Wang, Sophie's BioNutrients B.V. – Development of microalgae milk & cheese alternatives
10.55	Joint Q & A Session with all speakers
11.10	Coffee break / Networking Session
11.45	Session 5: Closing the loop: designing circular products Moderator: Yvonne van der Velden, Brightlands Campus Greenport Venlo
11.55	Adrian Brandt & Roland Breves, Henkel AG & Co. KGaA – Biobased materials at Henkel – latest developments
12.15	Sarvesh Poddar & Niklas Wolfering, Sustanix Materialtech B.V. & illucens GmbH – Insect byproduct valorization for PFAS-free coating
12.35	Kelly Servaes, VITO, Flemish Institute for Technological Research, BIORIZON – Lignin-based platform chemicals towards the market: VITO's LignoValue Pilot platform & COUNTLESS
12.55	Joint Q & A Session with all speakers
13.15	Recap of lectures – outlook to future biomanufacturing, Dennis Herzberg, CLIB e. V.
13.30	Lunch
14.30	Topic lounges / Networking Session Come together in informal rounds to discuss and network around the CIC session topics
16.30	End of the conference

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