

PROGRAMME OVERVIEW

June 30

10:00-12:30	Plenary Session: Moving from H2020 to Horizon Europe, what are the opportunities for the bioeconomy? (sponsored by University of Lille)		
12:30-14:00	Networking Lunch		
12:30-18:00	Innovation Tour: Lanolines Stella	Innovation Tour: Port of Dunkirk <i>Daudruy Van Cauwenberghe and BioTfuel by Total</i>	Innovation Tour: SAS Pivert
14:00-17:00	B2B meetings		
18:00- 20:00	Welcome reception		

July 1

8:30-10:00	B2B meetings	Start-up Village's pitch	
10:00-12:30	Plenary Session: Synthetic biology, a multi-stage rocket for the bioeconomy (sponsored by Genopole)		
12:30-14:00	Networking Lunch		
14:00-15:40	Parallel session: KETs for algae biorefinery	Parallel session: KETs for biomass pretreatment	Parallel session: KETs for lignin valorization
15:40-16:40	Networking Break		
16:40-18:30	Parallel session: KETs to enzymatic catalysis and processes associated with biotechnology	Parallel session: KETs for ecoextraction (sponsored by Tournaire)	Parallel session: Application of KETs
18:30-19:30	Cocktail Cheese & Wine (sponsored by Eurodia)		
20:30-22:30	Networking Dinner sponsored by PNO Consultants		

July 2

8:00-9:30	B2B meetings		
9:30-11:00	Plenary Session: Bring your innovations to market (sponsored by ARD)		
11:00-11:30	Networking Break		
11:30-13:00	Parallel session: KETs for process control, optimization and modelling	Parallel session: KETs for DSP	Parallel session: KETs for wood biorefinery
13:00-14:00	Networking Lunch		
14:00-17:00	EU Project Workshop: IBISBA	EU Project Workshop: VALUEMAG	Workshop: Carnot 3BCAR

 Tuesday June 30th

09:30 – 10:00	Registrations and Welcome of participants			
10:00 – 12:30	<p><u>Plenary Session: Moving from H2020 to Horizon Europe, what are the opportunities for the bioeconomy?</u> Sponsored by University of Lille</p> <p>Welcome and opening words Christophe LUGUEL – IAR- The French Bioeconomy Cluster (France)</p> <p>Bioeconomy at the University of Lille Franck DUMEIGNIL – University of Lille (France)</p> <p>BBI JU Impact assessment: 5 years of iPPP! Philippe MENGAL – Bio-Based Industries Joint Undertaking (Belgium)</p> <p>How to build a successful project Christophe LUGUEL – IAR- The French Bioeconomy Cluster (France)</p> <p>Success stories: Eelco BLUM – Avantium Yann RAOUL – OLEON Thomas LADRAK - Zeton</p> <p>The green deal challenges & opportunities for the bioeconomy? Philippe MENGAL – Bio-Based Industries Joint Undertaking (Belgium)</p> <p>The framework of Horizon Europe (changes with H2020) Hélène ULMER-TUFFIGO – Ministry of Higher Education, Research and Innovation Delegation to European and International Affairs (France)</p>			
12:30 – 14:00	Networking Lunch			
12:30 – 18:00	<p>Innovation Tours:</p> <table border="0"> <tr> <td>Lanolines Stella (Mouscron' site)</td> <td>Port of Dunkirk: Daudruy Van Cauwenberghe and BioTfuel by Total (Dunkirk's area)</td> <td>SAS Pivert (Compiègne' site)</td> </tr> </table> <p><i>The site visits are only accessible to BIOKET's participants with at least a 2 days pass. Registrations to attend the tour are mandatory and the final list of participants to the tour is subject to the approval of the hosting site. The departure of the bus can change according the location of your visit. We will communicate all needed information.</i></p>	Lanolines Stella (Mouscron' site)	Port of Dunkirk: Daudruy Van Cauwenberghe and BioTfuel by Total (Dunkirk's area)	SAS Pivert (Compiègne' site)
Lanolines Stella (Mouscron' site)	Port of Dunkirk: Daudruy Van Cauwenberghe and BioTfuel by Total (Dunkirk's area)	SAS Pivert (Compiègne' site)		
14:00 – 17:00	B2B meetings sessions			
18:00-20:00	Welcome reception			



Wednesday July 1st

PROGRAMME – BIOKET 2020

REGISTER NOW

08:00 – 08:30	Registrations & Welcome of participants
08:30-10:00	B2B meetings Pitch start-up
10:00 – 12:30	Plenary Session: Synthetic biology, a multi-stage rocket for the bioeconomy? <i>Sponsored by Genopole</i>
	France's leading biocluster for biotechnologies and research in genomics and genetics Anne JOUVENCEAU – Genopole (France)
	Synthetic biology: past, present and future! Dr Jean-Loup FAULON – Micalis Institute of INRA (France)
	Building an artificial chloroplast Drop-by-Drop Tarryn MILLER – Max Planck Institute (Germany)
	Constructing a platform to enable diverse industries through synthetic biology Jess LEBER – Ginkgo Bioworks (USA)
	Round table: Is synthetic biology meeting the industry objectives (Animated by Cyril PAUTHENIER – Abolis)
	<ul style="list-style-type: none"> - Michael KREL – Sofinnova Partners (France) - Thierry AUDIBERT – Givaudan (France) - Jess LEBER – Ginkgo Bioworks (USA) - Neil PARRY – Unilever (United Kingdom) - Nicolas SEEBOTH – Michelin (France) - Anne JOUVENCEAU – Génopole (France)

12:30 – 14:00 Networking Lunch

14:00 - 15:40	<p>KETs for algae biorefinery Comprehensive photobioreactor modeling: from isolated microalgae motion to population growth rate Victor POZZOBON – CentraleSupélec (France)</p> <p>Innovative photobioreactor integrating luminous fabric for high microalgae productivity at industrial scale. Lucie VAN HAVER – Capacité (France)</p> <p>Fermentation and valorization beyond bordersA Marc BUEVINK – Biostream (The Netherlands)</p> <p>From CO2 sequestration to biofuel production thanks to microalgae liquefaction Anne ROUBAUD – CEA LITEN (France)</p> <p>The ALG-AD project: integrating anaerobic digestion and algal technologies Marcella FERNANDES DE SOUZA – Ghent University (Belgium)</p>	<p>KETs for biomass pretreatment Catalytic pyrolysis of biomass towards aromatics and subsequent conversion towards bioplastics Andre HEERES – Hanze University of applied Sciences, Groningen (The Netherlands)</p> <p>Contribution of dry processes in the raw material preparation for the biotechnological processes improvement Jean-Charles MOTTE – IMPROVE (France)</p> <p>Pulsed Electric Field : a key technology for biomass refineries Fabien MAJCHRZAK – MAGUIN (France)</p> <p>Intensified continuous biomass treatment by twin screw extrusion Sylvie BRUNEL – CLEXTRAL (France)</p> <p>Futuro!™: your one-way ticket to the 2G world. Julie MAILLOT – Axens (France)</p>	<p>KETs for lignin valorization The value of stabilized lignin Florent HEROGUEL - Bloom (Switzerland)</p> <p>Role of lignin valorization in modern biorefineries Alexis MICHINE – Metgen (Finland)</p> <p>Joining forces to enable commercial production of functionalized biobased aromatics: lignovalue pilot & shared research centre Biorizon Karolien VANBROEKHOVEN – VITO (Belgium)</p> <p>Catalytic conversion of lignin to bio-aromatic compounds – process design and assessment for industrial implementation Kerstin THIELE - Fraunhofer CBP (Germany)</p> <p>The scale-up route for fuels and chemicals from second generation biomass Rob VERLINDEN - BPF</p>
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15:40 – 16:40	Networking Break		
16:40 – 18:30	<p>KETs to enzymatic catalysis and processes associated with biotechnology</p> <p>PARAGEN 1.0: a bacteriocin gene library to control microbial communities Philippe GABANT – Syngulon (Belgium)</p> <p>Cellobioselipids and mannosylerythritolipids: process optimization for the production and purification of microbial biosurfactants Suzanne ZIBEK – Fraunhofer IGB (Germany)</p> <p>Artificial Intelligence: next phase in protein engineering Juan JIMENEZ – Protera Biosciences (USA)</p> <p>Creating value for industrial biotechnology with protein design Alexandre ZANGHELLINI – Arzeda (USA)</p> <p>Implementation of an enzyme membrane reactor to intensify the enzymatic β-glycosylation of resveratrol Morad CHADNI – CEBB -URD ABI AgroParisTech (France)</p>	<p>KETs for ecoextraction (<i>sponsored by Tournaire</i>)</p> <p>Green extraction as economic, social and environmental concept for converting plant-based raw material to sustainable ingredients Farid CHEMAT - Green Extraction (France)</p> <p>The challenge of scaling-up microwave assisted technologies Marilena RADOIU - Microwave Technologies Consulting (France)</p> <p>World's first off-grid mobile supercritical fluid extraction hardware: opening new doors Alexander NOVITSKIY -Nova Extraction (United Kingdom)</p> <p>From tropical by-products to natural enzymes: a green-extraction opportunity Rémi PRZYBYLSKI – BIOVAL Océan Indien (France)</p> <p>Vegetable extraction using liquefied gas as solvent Alain VALLAGEAS – Celsius (France)</p>	<p>Application of KETs</p> <p>Product diversification in the starch and ethanol industry, synergies between production units Alessandro GUZZONE – Vogelbusch Biocommodities (Austria)</p> <p>Fermentative production of isobutene in demonstration scale Anita MAY - Fraunhofer IGB (Germany)</p> <p>Microbubble Technologies Invented by Desai and Zimmerman Pratik DESAI – Perlemax (United Kingdom)</p> <p>Stabilisation of emulsions by vegetal coproducts Jérôme LENOTRE - Pivert (France)</p> <p>Synthesis of a new set of lipoamino acids from brewery spent's grains Benoit MOREAU – HEPH-Condorcet (Belgium)</p>
18:30 – 19:30	Cocktail (Cheese & Wine) sponsored by Eurodia		
20:30 – 22:30	Networking Dinner sponsored by PNO Consultants - <i>Reservation needed</i>		



Thursday July 2nd

08:00 – 09:30 B2B meetings

09:30 – 11:00 Plenary Session: Bringing your innovations to market
Sponsored by ARD

How to speed up time to market of innovation?

Jean-Christophe DUVAL – ARD (France)

Olivier ROLLAND – TWB (France)

Cyrille PAUTHENIER – Abolis (France)

How to finance the acceleration of start-up?

Jean-Christophe DUVAL – ARD (France)

Dr. Michael BRANDKAMP – ECBF (Europe)

11:00 – 11:30 Networking break

11:30 – 13:00 KETs for process control, optimization and modelling

Heat transfer scale-up of batch reactors: still a challenge?
Philippe LEURENT – Prosim (France)

Gas fermentation laboratory design
Alex SMITH – CPI (United Kingdom)

Game-changing technologies for microbial shake flask cultures
Hendrik SCHMIDT - Aquila-Biolabs (Germany)

Track Advance, a modern digital platform enhancing the global performance of factories
Ludovic HENIN – Boccard (France)

KETs for DSP

Flottweg - Extractis : A win-win partnership to offer biotech players, highly qualified separation solutions
Jean-Sébastien BIZOT – Flottweg (France)
Olivier DUPUIS – Extractis (France)

Thin film technology - evaporation and drying
Jacqueline PANAROTTO - BUSS SMS Canzler (Switzerland)

Dry tribo-electrostatic protein enrichment of distillers grains
Thomas WOLAK – SteqTech (USA)

Modeling and simulation of ion-exchange in bioprocesses - illustrations from industrial biotech to biopharma
Hector OSUNA - Ypso-Facto (France)

KETs for wood biorefinery

How to implement a first forest residues based biorefinery: the BELT project methodology
Patrice MANGIN – BioEnergie La Tuque / I2E3-UQTR(Canada)

Bio3 : A bio-refinery to valorize hardwood sugar without degrading cellulose, to produce bio-based ingredient for food and chemical industries
Marie CHAUVE - Eurodia (France)
Jérémy BOUCHER – Fibre Excellence (France)

Chemically modified microfibrillated cellulose: A new reinforcing additive for adhesive and thermoplastic resins
Alex BERG - University of conception (Chile)

Bio4Products: Unlocking the potential of biomass for a new range of bio-based products
Hans HEERES – BTG (The Netherlands)

13:00 – 14:00 Networking Lunch

PROGRAMME – BIOKET 2020

14:00 – 17:00

European Project Workshop: IBISBA

IBISBA within the global context of biofoundries and accelerated end-to-end bioprocess development

Introduction

Dr Nic LINDLEY – Agency for Science, Technology and Research – A*Star (Singapore)

Primer on biofoundries

Dr Paul FREEMONT - Imperial College London (United Kingdom)

An industrial biofoundry

Dr Sunil CHANDRAN - Amyris (USA)

IBISBA: a pan-European infrastructure to support industrial biotechnology

Dr Michael O'DONNOHUE - INRAE (France)

Driving IBISBA's biofoundry operations using knowledge management and integration

Pr Merja PENTTILA - VTT (Finland)

Scaling-up or making industrial sense of biofoundry operations in IBISBA

Dr Katja PATZSCH - Fraunhofer IGB (Germany)

Roundtable: biofoundries in the wider biotech innovation picture

Dr Paul FREEMONT – Imperial College London (United Kingdom)

Sunil CHANDRAN – Amyris (USA)

Olivier ROLLAND – TWB (France)

Katja PATZSCH – Fraunhofer IGB (Germany)

Vitor Martins DOS SANTOS – Wageningen University & Research (The Netherlands)

European Project Workshop: VALUEMAG

Blue bioeconomy – valuable products from algae using innovation

Welcome

Pr. Evangelos HRISTOFOU – National Technical University of Athens NTUA (Greece)

Valuemag: an overview

Dr Angelo FERRARO - National Technical University of Athens NTUA (Greece)

The circular economy applied to valuable products from algae

Dr Antonio MOLINO – ENEA (Italy)

Valuemag based business development opportunities in the pharma/cosmetic sectors

Dr Panagiotis ZOUMBOULAKIS – Theracell (United Kingdom)

Exploitation of Valuemag results

Habib AMRANI – PNO Consultants (France)

Invited expert speakers in the ecosystem of blue bio-economy will present their most recent experiences and provide a platform for exchange of ideas and form collaborations
TBA

Closing remarks

Workshop : Carnot 3BCAR

Phenolic acid: from research to market

Workshop co-chaired by :

Hélène ROUX-de-BALMANN – CNRS Université de Toulouse (France)

Jacky VANDEPUTTE – IAR the French Bioeconomy Cluster (France)

Diana GARCIA-BERNET – INRAE division science for Food, Bioproducts and Waste engineering (France)

Welcome and introduction by the Carnot 3BCAR network

Talks: Overview on phenolic acids properties, applications and promising trends

Florent ALLAIS – URD ABI – AgroParisTech (France)

Luc SAULNIER – INRAE division of Science for Food, Bioproducts and Waste Engineering (France)

Round table: Ferulic acid case study:

1) Market pull vs tech push?

2) European sourcing to fulfill domestic market demand?

Sébastien CAJOT – CELABOR (Belgium)

Florence LUTIN – Eurodia Industries (France)

Stephan VERDIER – Solvay Aroma Performance GBU (France)

Régis MARCHAND – SEPPIC – Air Liquide Healthcare Speciality Ingredients (France)

Elise ODINOT – Oléoinnov (France)

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