





Contents

About the Bio-based Industries Consortium (BIC) / p3 →

Message from the BIC Executive Director / p4 →

Message from the BIC Board Chairperson / p5 →

Changes at BIC / p6 →

How we connected with you in 2021 / p7 →

From BBI to CBE / p9 →

Bic 2.0 Business Plan / p10→

BUSINESS PILLAR

Identifying new bio-based growth opportunities / p11 →

FINANCE PILLAR

Securing access to new sources of finance / p12 →

ENVIRONMENT

How the bio-based industries can contribute to a circular economy in Europe / p13 →

AWARENESS

Promotion of the bio-based industry / p14 →

EDUCATION

Aligning education and bio-based industrial needs / p15 →

BIC in 2022 and beyond... / p16 →

Governance & membership / p17 →



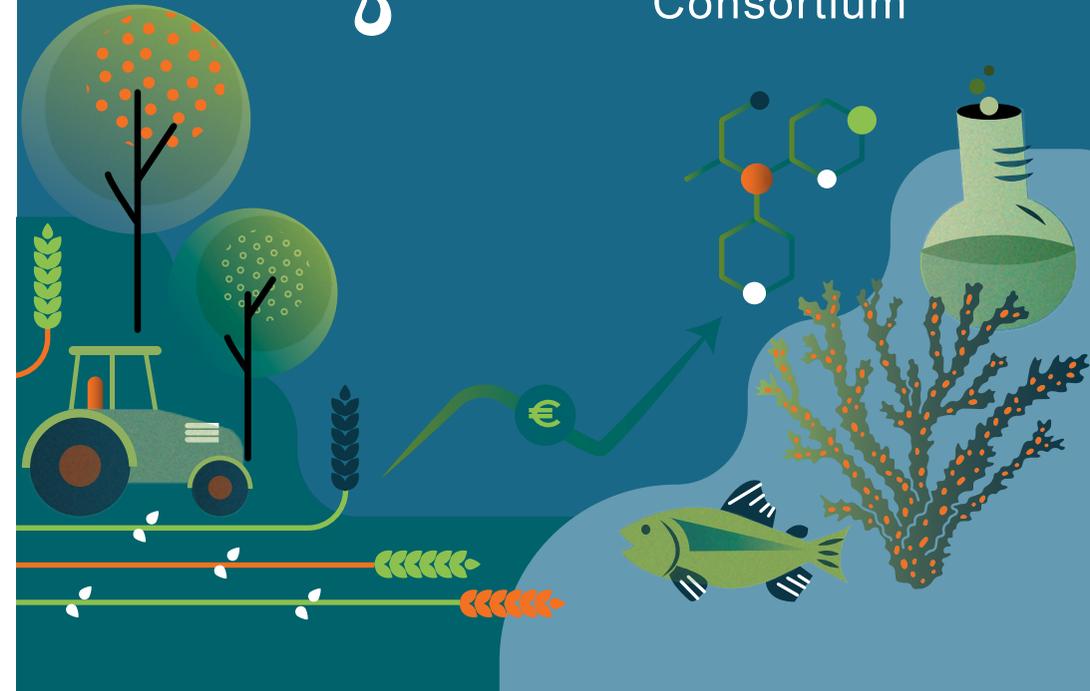
About the Bio-based Industries Consortium (BIC)

The Bio-based Industries Consortium (BIC) is a leading membership-based association pioneering a sustainable circular bioeconomy in Europe.

Its membership includes 240+ industry members covering the whole value chain, from primary production to the market, across multiple and diverse sectors, such as agriculture & agri-food, aquaculture & marine, chemicals and materials, including bioplastics, forestry and pulp & paper, market sectors, technology providers and waste management & treatment. BIC's membership also includes over 200 associate members such as research organisations, academia, trade associations, etc.

In addition to providing services to members, BIC is also the private partner in the [Circular Bio-based Europe Joint Undertaking \(CBE JU\)](#) – a €2 billion public private partnership with the European Commission.

BIC's mission is to connect industry, academia, regions and citizens to transform bio-based feedstocks into novel sustainable products and applications, and to create circular bioeconomy ecosystems through investments, innovation and know-how.



240+
INDUSTRY MEMBERS

200+
ASSOCIATE MEMBERS



2021 was an important transition year for our organisation and for our activities. We would like to express our gratitude to you for being part of the BIC family, even when our private and professional life was highly impacted by the COVID crisis.

Message from the BIC Executive Director

Our most important achievement last year was the adoption of the Single Basic Act, which paved the way for the new partnership between BIC and the European Commission – the **Circular Bio-based Economy Joint Undertaking**. The CBE JU will build on the success of the **BBI JU**, while addressing current environmental, economic and geo-political challenges.

We began implementing BIC's new Business Plan, which includes four key pillars: CBE JU; Business and Networking; Finance and Investments; Society and Education.

We continued to organise monthly webinars for our members, published several reports and position papers, and created more awareness for the bio-based industry via our activities on social media.

Special attention was given to the ongoing work on the Sustainable Finance Taxonomy, and its possible impact on our sector.

We had a fantastic winner of the 2021 Bio-based Innovation Student Challenge (BISC-E) – WaterSkins from The Netherlands, who produce leather-based material from wastewater.

And finally, we moved into new offices, giving us the space we need to work efficiently. Let's hope we can all continue to work on realising a sustainable and circular bio-based society in 2022, resuming our physical meetings with an easing of COVID restrictions.

DIRK CARREZ

BIC EXECUTIVE DIRECTOR



Message from the BIC Board Chairperson

It has been a pleasure and honour to serve as the BIC Chair in 2021. Although this was a transition year, we tried to create stability. Our negotiations with the European Commission to set up a new public-private partnership came to a good end, with the support of Member States and the European Parliament. It was a relief that the Single Basic Act, which is in fact the regulation setting up several Joint Undertakings, was finally published in November 2021.

I am satisfied to see that the BBI JU has delivered what we hoped: stimulating deployment, overcoming the valley of death, setting up new innovative value chains, and maintaining investment in research, innovation, and new processes and production facilities in Europe! As you can see in this report, the BIC staff – guided by the Board – continued to set up several activities implementing the new Business Plan. This should lead to extra services for our members, on top of the activities related to the CBE JU.

All these activities should help us to fulfil BIC's new mission: connecting industry, academia, regions and citizens to transform bio-based feedstocks into novel sustainable products and applications, and create circular bioeconomy ecosystems through investments, innovation and know-how.

I am confident that all together, and with the supporting policies in place, our sector will be able to play a role in achieving a European circular bio-society that reduces dependence on fossil resources, and decouples economic growth and environmental impact, to the benefit of the planet, the economy and society.

MAT QUAEDVLIEG

CHAIRPERSON OF THE BIC BOARD

ed Indust
Conso



Changes at BIC

Deciding it was time to get closer to nature, September 2021 saw BIC relocate to a greener part of Brussels. Our new office at 38/40 Square de Meeûs, B-1000, is across the road from a city park, while being strategically close to both the European Parliament and Commission, by remaining in Brussels' "European Quarter". We now have ample office space to work in a more efficient way.



**THANK
YOU!**



Patricia Vanderplasschen joined the BIC team in October 2021 to head up "Finance & Administration". She replaced Cathy Tavernier, who left BIC to pursue other business opportunities. Patricia has many years of experience, having previously worked for an international chemical trade association in Brussels. As a Master in Linguistics & Literature (KU Leuven) she is fluent in four languages (English, Dutch, French and German), as well as having basic knowledge of Spanish.



With 2021 being a year of transition (from BBI JU to CBE JU), and to promote continuity, Mat Quaedvlieg remained as Chair of the Board. Following elections, the following people joined the BIC Board: Michelle Collins (Glanbia), Serge Creutz (Dow Europe), Milica Folić (Halder Topsoe) and Frank van Noord (Cosun).

We would like to thank the departing Board members for their time and constructive input during the previous years: Koen Homburg (ADM), Hans Keuken (Process Design Center), Bill Morrissey (Glanbia) and Niklas von Weymarn (Metsä).



How we connected with you in 2021

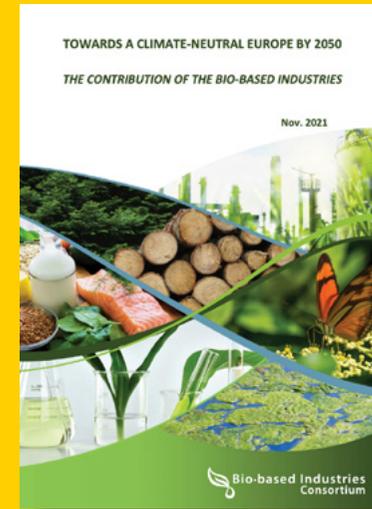


8
WEBINARS




BIC POSITION PAPERS & CONTRIBUTION TO EU CONSULTATIONS

- [Towards a climate-neutral Europe by 2050](#)
- [Consultation on the Policy framework on biobased, biodegradable and compostable plastics](#)
- [Consultation on the European bioeconomy policy: stocktaking and future developments](#)



2
PUBLICATIONS

- [Mapping Portugal's bio-based potential](#)
- [European Bioeconomy in Figures 2008 – 2018](#)



7.5K
FOLLOWERS ON TWITTER



5K
FOLLOWERS ON LINKEDIN

+2K
VIEWS ON BIC YouTube CHANNEL





The bioeconomy is the biological driver of the circular economy as it brings the renewability aspect into the cycle, puts carbon ‘back in the loop’, and brings additional dimensions to the circular economy discussion, moving beyond waste.

MARIYA GABRIEL COMMISSIONER FOR INNOVATION, RESEARCH, CULTURE, EDUCATION
EUROPEAN COMMISSION



BIC’s new (regional) platform is an essential tool in connecting regions with new industrial partners: a sustainable bioeconomy is the green beating heart of the circular economy, a key building block of the European Green Deal, and the activities have to be anchored firmly at regional and local level to foster innovation and optimise the use of biomass. A sustainable and circular bioeconomy contributes to addressing global challenges like climate change, and land and ecosystem degradation. We remain committed to supporting its successful implementation, also for the health of our communities.

APOSTOLOS TZITZIKOSTAS
PRESIDENT OF THE COMMITTEE OF THE REGIONS



Circular bioeconomy has the potential to bring work, prosperity, regeneration and recovery to parts of the economy that are not reached by the current economic model.

JOHN BELL ‘HEALTHY PLANET’ DIRECTOR,
DG RESEARCH AND INNOVATION (R&I)
EUROPEAN COMMISSION



We cherish highly the EU RDI networks as an important source of know-how, on top of which the future circular bioeconomy will be built.

ILKKA HÄMÄLÄ CEO & PRESIDENT
METSÄ GROUP



From BBI to CBE



Grant agreements were signed for 18 new projects selected for funding under the 2020 BBI JU Call for proposals. As the BBI drew to a close, total investment in the initiative reached

€821.6M

with 142 projects and 1,055 Beneficiaries from

39

COUNTRIES



Based on a survey conducted by the BBI JU Programme Office, the 11 BBI JU Flagships are expected to trigger around

€1.3B

of additional private investment, and to generate

+3,500

DIRECT JOBS and

+10,000

INDIRECT JOBS



SINGLE BASIC ACT

The adoption of the Single Basic Act in November 2021, paved the way for BIC's new partnership with the European Commission – the Circular Bio-based Economy Joint Undertaking.

The Single Basic Act is an EU regulation aimed at facilitating the launch of 9 new European Partnerships (called 'Joint Undertakings') between the European Union, Member States and/or industry, to deliver innovative solutions in Europe for global health, technology and climate challenges.



The CBE JU, which runs from 2021-2027, has a total budget of

€2B

PUBLIC AND PRIVATE

and aims to build on the success of the BBI JU and address current challenges facing the bio-based industry. Work also began on the new Strategic Research and Innovation Agenda (SRIA).



BIC 2.0 Business Plan

A new business plan was endorsed which outlines the four pillars of BIC’s operations as we foster connections between industry, academia, regions and citizens with the aim of making Europe’s circular bio-based industry innovative, sustainable competitive and a world leader.



VISION

The innovative, sustainable and competitive bio-based industry in Europe is the leader of a circular bio-society by 2050



BIC’S MISSION

We connect industry, academia, regions and citizens to transform bio-based feedstocks into novel sustainable products and applications and create circular bioeconomy ecosystems through investments, innovation and know-how

1 BBI & CBE JU

CBE related activities (SRIA & work programmes, CBE governance, etc.)



2 BUSINESS

Connections & Market Intelligence



3 FINANCE

Mobilise public and private finances & investors



4 SOCIETY

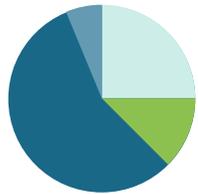
Awareness, knowledge & acceptance, education



SUPPORTING ACTIVITIES

Specific activities to achieve a favourable policy, regulatory and financing framework for the bio-based industries; internal: membership, administration, budget, etc.

BUSINESS PILLAR



Identifying new bio-based growth opportunities

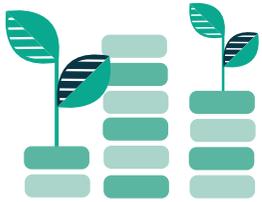
- Portugal's growing bioeconomy sector already contributes almost €20 billion to its economy and this [BIC Country Report](#) identifies and maps out new opportunities for a green and sustainable transformation in Portugal, to fast-track green economic growth.
- The annual [European Bioeconomy in Figures report](#) commissioned by BIC highlights the macroeconomic effects generated by the bioeconomy in Europe. This edition covers 2008-2018 and demonstrates that the bio-based industries made a contribution of €780 billion to the European economy – a notable increase of €30 billion (+4%) compared to 2017.
- In March, BIC teamed up with Pilots4U for a webinar on “Scaling up the bioeconomy”. Pilots4U maps existing open access pilot and demo-infrastructures across Europe, creating a very visible and easily accessible network for the European bioeconomy. The webinar highlighted how the database allows organisations to find the most adequate site for testing and upscaling an innovative idea or concept.



More than 80 BIC industry members came together online for the networking event BioSYNERGISE in October, which focused on how to apply digitalization to the bio-based industry.

[CLICK TO READ ABOUT DIGITALIZATION OF THE BIO-BASED INDUSTRY AT BioSYNERGISE](#)

FINANCE PILLAR



Securing access to new sources of finance

➤ The BIC webinar in February, 'Mapping new opportunities for bio-based investment in Europe' highlighted new bio-based opportunities for green growth in Europe. It included a presentation of the BIC Country Report on Portugal released in 2021.

➤ A BIC webinar organised in May helped BIC members navigate the EU's Sustainable Finance Taxonomy rules. BIC also provided an internal briefing document exclusively for BIC members. For more info about access to BIC's Sustainable Finance Taxonomy report, send us an email at info@biconsortium.eu

➤ Following the launch of the BIC platform to better connect industry members with European regions, over 50 regions registered with the platform. In addition, BIC was seeking direct interaction with regional and relevant organisations to further promote (membership in) the platform.

In order to ensure complementarity and synergies with the BIC regional platform, BIC commissioned a research project



on the regional funding opportunities for bio-based projects. An added value of the database is also to facilitate peer learning and policy exchange between the regional members of the bioeconomy platform.



The main deliverable of this project is the new BIC funding database for (initially) 35 regions. The database was presented in May 2022.

[CLICK TO ACCESS](#)

[THE REGIONAL PLATFORM](#)



ENVIRONMENT



How the bio-based industries can contribute to a circular economy in Europe

➤ Two BIC webinars in 2021 put the spotlight on environmental issues. In March, BIC partnered with Zero Waste Europe (ZWE) for ‘Towards a circular economy - Untapping the potential of bio-waste: opportunities and challenges ahead’.

December’s webinar on “LCA and sustainability” included discussions about the opportunities and challenges for conducting the life cycle assessment (LCA) for bio-based products, including comparisons with LCA for fossil-based products.

➤ To highlight the contribution of the bio-based industries towards achieving a climate-neutral Europe, BIC published the horizontal paper, “Towards a climate-neutral Europe by 2050”. The paper describes how the bio-based industries are already helping to reduce greenhouse gas emissions in a sustainable way, and the investment and innovation needed for a climate-neutral Europe.



[CLICK TO READ
THE REPORT](#)

AWARENESS



Promotion of the bio-based industry

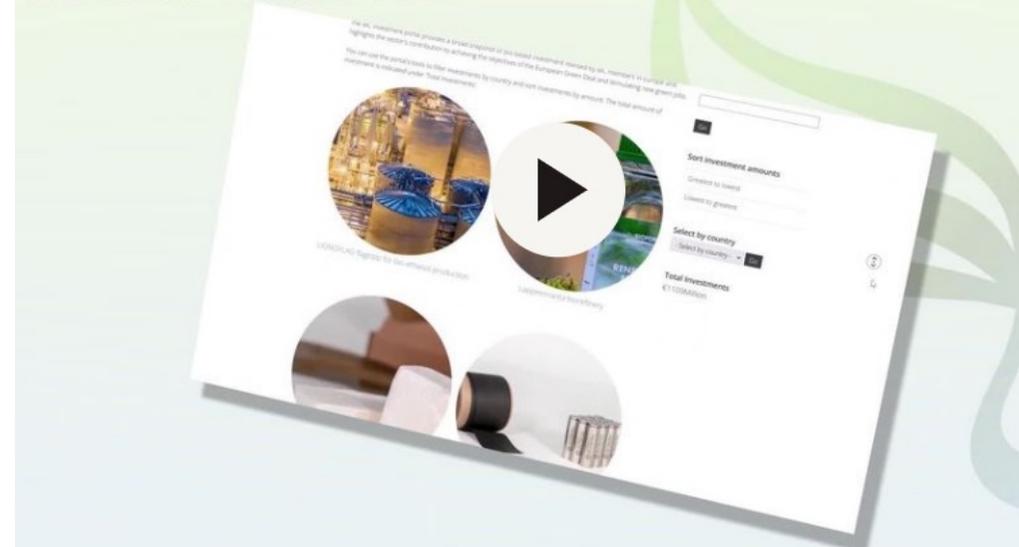
- With the aim of raising the visibility of BIC members' bio-based investments to audiences of European and national policymakers, the BIC Investment Portal was launched. It kicked off with a campaign featuring a specific bio-based investment by one BIC member per week for 12 weeks. All investments on the portal are also promoted across the BIC social media channels.



BIC was elected as an advisory board member of the **FACCE-JPI**. Its objective is to provide coherence in research programming across Europe to jointly address the challenge of developing agricultural systems that meet food security, adapt to climate change impacts, and mitigate greenhouse gases emissions.

- The BBI JU projects **BIOSWITCH** and **AllThingsBio** which both aim to stimulate market uptake and consumer acceptance of bio-based products, were our partners in delivering a webinar on the same topic in May.

DISCOVER BIO-BASED INVESTMENTS



[CLICK TO ACCESS THE WEBSITE](#)

- BIC continued to collaborate with **EUBA**. This included the publication of EUBA position papers, as well as EUBA's support of BIC in setting up the CBE JU. In 2021, BIC also took over the (rotating) role of coordinating EUBA communication activities for six months.



European Bioeconomy Alliance

EDUCATION



Aligning education and bio-based industrial needs

WaterSkins from the Netherlands was the winner of the **2021 Bio-based Innovation Student Challenge (BISC-E)**. Their innovative idea harnesses wastewater to create a biopolymer called kaumera, which could be used as alternative for leather.



Students from a record number of fourteen European countries participated, including: Belgium, Croatia, Denmark, Estonia, France, Germany, Greece, Ireland, Italy, Lithuania, the Netherlands, Romania, Serbia and Spain.



[CLICK TO READ ABOUT THE BISC-E COMPETITION](#)



BIC in 2022 and beyond...



2022 sees the release of the new Strategic Research and Innovation Agenda (SRIA 2030), which identifies the strategic priorities and the essential research and innovation actions required to achieve the objectives of the CBE JU under **Horizon Europe**. This SRIA will be the basis for the CBE JU Annual Work Programmes for the duration of the CBE JU.

Also CBE JU's first annual call will be launched.



BIC's first ever pitch event "Bio-based Scaling & Finance Forum", giving SMEs and start-ups in the bio-based industries a chance to make connections and get funding from a range of investors, will take place in Germany in October 2022.



The war in Ukraine has led to disruption in supply chains and production across Europe, which has caused many companies to adapt and even pivot on-the-fly. We are conducting a survey amongst BIC members to find out how their businesses have been affected and what they are doing differently.



BIC governance, working groups and networks

BOARD OF DIRECTORS

BIC is managed by the Board of Directors whose members are legal entities and are elected by the General Assembly.

The Board of Directors represent a balanced reflection of the composition of the industry members. The Board of Directors are renewed annually by half.



MAT QUAEDVLIEG
CHAIR | SAPPi



ROB BEEKERS
CARGILL



MICHELLE COLLINS
GLANBIA



SERGE CREUTZ
DOW



CLAUS CRONE
FUGLSANG
NOVOZYMES



MILICA FOLIĆ
HALDOR TOPSOE



GLORIA GAUPMANN
CLARIANT



GIULIA GREGORI
NOVAMONT



CHRISTOPHE LUGUEL
IAR



ALEX MICHINE
METGEN



FRANK VAN NOORD
COSUN



HENDRIK WAEGEMAN
BIO BASE EUROPE PILOT PLANT



GENERAL ASSEMBLY



The General Assembly is convened by the Executive Director and meets at least for one ordinary meeting per year. An industry member can be represented at the General Assembly by one delegate. The General Assembly has full power of decision to attain and implement the objectives of BIC.

PROGRAMMING WORKING GROUP (PWG)

The Programming Working Group develops the long-term (Vision) and short-term (priority paper and the annual work programmes) strategic research and innovation actions to achieve the goals of the public-private partnership with the European Commission. The topics in the AWP will be launched annually calling for proposals to resolve the challenges. Each industry member must designate one representative and a back-up.



A Programming Core Team (PCT) consisting of 15-18 full members prepares proposals for the PWG and associated members then subsequently the BIC Board and the European Commission. The PCT consists of full members representing the membership in terms of size, key bio-based innovation focus and geography.

ASSOCIATE MEMBERS

The non-industry members contribute to the AWP with latest innovative technologies and insights. BIC will set up a system to further enhance the participation of the AM in programming and education activities.

PUBLIC AFFAIRS WORKING GROUP

The goal of the BIC Public Affairs Working Group (PA WG) is to promote the bio-based industries and position our industry as a leader in providing sustainable, bio-based solutions. Our public affairs work is about our industry as key driver of achieving core EU (policy) objectives and to achieve a favourable policy, regulatory and financing framework for the bio-based industries.



The BIC PA WG leads on BIC advocacy work, engagement with political stakeholders, drafting position papers and building alliances to reach this objective. The BIC PA objectives are aligned with the members' priorities as formulated in the SRIA and in the context of European political initiatives, in particular, the European Green Deal.

COMMUNICATIONS NETWORK

The Communications Network consists of a group of representatives responsible for communication and press who share communications materials of mutual interest.



Members of the network can share materials to be published on BIC channels e.g. newsletter and social media and BIC will occasionally share communications materials with the designated representative. Participants includes BIC members, representatives from BBI projects, BIC partner organisations, etc.



Current Membership

● SME ● Large enterprise ● Cluster



BIC welcomed 7 new industry members and 11 new associate members to its fold in 2021. BIC's new members reflect the growing efforts to convert the countless carbon compounds in biomass into chemicals and material components for a stronger circular bio-based economy in Europe.

FULL MEMBERS

- A4F - Algae for Future
- AB InBev
- ADM
- AEP Polymers **NEW**
- Aida Nano SL
- AlgaEnergy
- Alginor
- Antonio Tarazona
- API Europe MEPE
- Arbiom
- AVA Biochem
- Avantium
- BASF
- BE-Basic
- Bio Base Europe Pilot Plant
- BioBased Delta
- Bio-mi
- Bionet Servicios Tecnicos
- BIOPRO Baden-Württemberg
- Biosphere Srl
- Biotrend
- Bloom Biorenewables
- Borregaard
- Braskem **NEW**
- BPF - Bioprocess Pilot Facility
- Capax Biobased Development
- Carbery Food Ingredients
- Cargill
- Cellicon
- ChainCraft B.V
- Clariant
- CLIB2021
- CLIC Innovation
- Cluster FOOD+i
- CMP - Commercial Mushrooms Producers Ltd
- Consorzio Italbiotec
- Corbion
- Cosun
- CRCF - Centro Ricerche per La Chimica Fine
- CTA - Technological Corporation of Andalusia
- Dow Europe Gmbh
- DSM
- Dutch Biorefinery Cluster
- Energochemica Trading
- Enginzyme AB
- Evonik Nutrition & Care
- Fater SpA
- Fertinagro
- Fibenol
- Fiberlean
- Flanders Food
- Food & Bio Cluster Denmark
- Fortum Oyj **NEW**
- Givaudan Schweiz AG
- Glanbia Ingredients Ireland
- GreenWin
- Haldor Topsøe A/S
- IAR - Industries & Agro-Ressources
- IBioIC - Industrial Biotechnology Innovation Centre
- Idener
- Innoven
- International Flavors and Fragrances
- Irish Bioeconomy Foundation
- ISPT - Institute for Sustainable Process Technology
- Kaneka Belgium
- LanzaTech



- MBP Solutions Ltd.
- METabolic Explorer
- Metgen Oy
- Metsä Group
- Michelin
- Mi-plast
- Monaghan Mushrooms Group
- Natac Biotech
- Neste Corporation
- Novamont
- Novozymes
- Oleon
- Planet Bioplastics
- Plastica Alfa
- Portfolio Concentrate Solutions UC (PEPSICO)
- Process Design Center
- Procter & Gamble
- Sabiomaterials
- SaltyCo Ltd **NEW**
- Sappi
- Sekab BioFuels & Chemicals AB
- Sildarvinnslan
- Smurfit Kappa
- Soprema SAS **NEW**
- Södra
- Steeper Energy
- Stella Polaris AS
- Stora Enso
- Südzucker
- SUSPACC - Sustainable Products and Chemicals Cluster
- Unilever
- UPM - The Biofore Company
- Versalis
- Vertech Group SAS
- Wagralim
- Waterskins **NEW**
- Ynsect **NEW**

ASSOCIATE MEMBERS

A / D

3N Kompetenzzentrum Niedersachsen Netzwerk Nachwachsende Rohstoff
 Aalto University
 Aarhus University - Danish Centre for Food and Agriculture
 ABS-International CVBA (ABSint)
 ACIB Austrian Centre of Industrial Biotechnology
 AGMPM - Association of the Greek Manufacturers of Packaging & Materials
 AGRANA Stärke GmbH
 Agro Innovation International All
 AIJU - Asociacion de Investigacion de la Industria del Juguete
 AIMPLAS - Technological Institute of Plastics
 AINIA Technology Centre
 AIT Austrian Institute of Technology
 AITEX - Textile Research Institute
 AITIIP Technology Centre
 Andaltec Plastic Technological Center
 Andalusion Region
 ARCMED - Association of Mediterranean Forest Owners
 ARDITEC
 Automotive Industry Institute
 Ayming
 Baltic Sustainable Bioeconomy Development Agency
 Bay Zoltan Nonprofit Ltd. For Applied Research
 Bio Deutschland
 Bio4Energy
 Biocom AG
 Bioplat - Spanish Biomass Technology Platform
 Bioref - Collaborative Laboratory for the Biorefineries **NEW**
 Boku - University of Natural Resources and Life Sciences
 Ca' Foscari - University of Venice
 Campus Iberus
 Cartif
 CEA
 CEFIC - European Chemical Industry Council
 CENER - National Renewable Energy Center
 Centexbel
 CENTI - Centre for Nanotechnology and Smart Materials
 CEPF - Confederation of European Forest Owners
 CEPI - Confederation of European Paper Industries



Certech - The Centre of Technological Resources in Chemistry
 CERTH - Centre of Research and Technology Hellas
 Cetaqua - Water Technology Centre
 CETEC - Plastics and Footwear Technology Center
 Cetenma
 Chalmers University of Technology
 Chamber of Commerce and Industry of Stajerska
 CIBE - International Confederation of European Beet Growers
 Cidetec Fundación
 CIEMAT - Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas
 CIRCE - Research Centre for Energy Resources and Consumption
 Cluster of Bioenergy and Environment of Western Macedonia (CLuBE)
 CNR - National Research Council of Italy
 CNTA - National Centre for Technology and Food Safety
 CoEBBE - Center of Expertise Biobased Economy
 Condorcet FRS
 COPA Cogeca
 CPI - Centre for Process Innovation
 CRF - Centro Ricerche Fiat
 CSIC - Spanish National Research Council
 CT Aqua - Andalusian Aquaculture Technology Centre
 CTP - Centre Technique du Papier
 Danish Technological Institute
 DECHEMA - Society for Chemical Engineering and Biotechnology
 DTU - Biosustain - Centre for Biosustainability at the Technical University of Denmark

E /
F

ENEA - Italian National Agency for New Technologies, Energy and Sustainable Economic Development
 Environment Park
 EPNOE - European Polysaccharide Network of Excellence Association
 ERRMA - European Renewable Resources and Materials Association
 ESA - European Seed Association
 EuropaBio
 European Bioplastics
 FCBA - Institut Technologique Forêt Cellulose Bois-construction Ameublement
 FEUGA - Fundación Empresa - Universidad Gallega
 Forschungszentrum Jülich
 FORTH/ICE-HT - Foundation for Research and Technology

G /
L

Hellas - Institute of Chemical Engineering Sciences
 Foundation for Education and Social Dialogue 'Pro Civis'
 Fraunhofer
 FTP - Forest-based Sector Technology Platform
 Fundacion AZTI
 Fundacion Gaiker **NEW**
 Fundacion Medina **NEW**
 Fundacion Tekniker
 Fundecyt-Pctex
 Funditec - Foundation for Development and Technological Innovation

Gheorghe Asachi Technical University of Iasi (TUlasi)
 Greenovate! Europe
 IAPAN - Institute of Agrophysics of the Polish Academy of Sciences
 ICECHIM - National Institute for Research and Development in Chemistry and Petrochemistry)
 Iconiq Innovation Ltd.
 IFP Energies Nouvelles
 ILVO, Flanders Research Institute for Agriculture, Fisheries and Food
 Imdea Energy
 Ineris - L' Institut National de l' Environnement Industriel et des Risques
 INIA - National Institute for Agricultural Research and Experimentation
 InnoEXC
 Innovhub SSI - Stazioni Sperimentali per l' Industria
 INRAE - French National Institute for Agricultural, Food & Environmental Research
 Institute Charles Violette
 Institute of Agricultural and Food Biotechnology
 Instituto Superior Técnico
 INSTM - National Interuniversity Consortium of Materials Science and Technology
 IPC Centre Technique Industriel de la Plasturgie et des Composites
 IRMO - Institute for Development and International Relations
 ITAINNOVA **NEW**
 ITENE - Packaging, Transport and Logistics Research Centre
 ITERG - Institut des Corps Gras
 IVL Swedish Environmental Institute
 KCL Finland **NEW**
 Kplus Wood - Kompetenzzentrum Holz
 KTH - Royal Institute of Technology in Stockholm
 KU-Leuven
 Laborelec
 Lappeenranta University of Technology
 Leitai Technological Center
 Linköping University
 LIST - Luxembourg Institute of Science and Technology
 Lithuanian Biotechnology Association
 LSIWC - Latvian State Institute of Wood Chemistry
 LUKE - Natural Resources Institute Finland
 Lund University

M/
P

Materia Nova
Matis
Meat Technology Ireland
National Research Center Demokritos
Nerosubianco Srl
New Chemical Syntheses Institute
NIBIO - Norwegian Institute of Bioeconomy Research
Nofima AS
NORCE Norwegian Research Centre AS
Norsk Treteknisk Institutt (Norwegian Institute of Wood Technology)
Nova-Institut
NTNU - Norwegian University of Science and Technology
NTUA - National Technical University of Athens
NUI Galway - National University of Ireland Galway
Piteå Science Park
PNO Innovation NV
Politecnico Di Milano, ABC Department

R/
T

RAIZ - Forest and Paper Research Institute
RE-CORD - Renewable Energy Consortium for Research and Demonstration
RISE IVF AB
RSB - Roundtable on Sustainable Biomaterials
RTDS Association
RTO - Rosenheim Technical University of Applied Sciences
Ruder Boskovic Institute
SciTech-Service Oy Ltd.
SINTEF
Sintef Narvik - Northern Research Institute Narvik
Skogforsk
Spring - Sustainable Processes and Resources for Innovation and National Growth
Starch Europe
STU - Slovak University of Technology
Submariner Network for Blue Growth EEIG
SusChem
Swerea SICOMP
Tampere University **NEW**
Tecnalia Corporation
The Association West Pomeranian Chemical Cluster 'Green Chemistry'
The Good Food Institute Europe **NEW**
Timac Agro Düngemittelproduktions - und HandelsgmbH

U/
X

TNO Transition Energy
TU Delft - Delft University of Technology
TU Eindhoven - Eindhoven University of Technology
TU Wien - Vienna University of Technology

UA - University of Alicante
UAB - Universitat Autònoma de Barcelona
UAH - University of Alcalá
UAL - University of Almería
UCA - University of Cádiz
UCCS - Unité de Catalyse et de Chimie du Solide
UCPH - IFRO - University of Copenhagen - Department of Food and Resource Economics
UL - University of Limerick
Unicre - Unipetrol Centre for Research and Development
Unimore - University of Modena and Reggio Emilia
Universidad de Burgos
Università Cattolica del Sacro Cuore - Catholic University of the Sacred Heart
University of Bologna
University of Eastern Finland
University of Ferrara
University of Ghent
University of Graz
University of Hohenheim
University of León
University of Liège
University of Naples "Federico II"
University of Oulu
University of Oviedo
University of Padova **NEW**
University of Pisa
University of Rome "La Sapienza"
University of Rovira - Virgili
University of Salerno - Unison
University of Santiago de Compostela
University of Tartu
University of Valladolid
University of Vic
UPVLC - Polytechnic University of Valencia
Utrecht University
Vito
VTT Technical Research Centre of Finland
Vytautas Magnus University (VMU)
Wroclaw University of Environmental and Life Sciences (UPWr)
Wroclaw University of Science and Technology
WUR - Wageningen University & Research
XAMK - South-Eastern Finland University of Applied Sciences



Bio-based Industries Consortium (BIC)

.....
Square de Meeûs 38/40, 4th floor
Brussels 1000, Belgium



info@biconsortium.eu



[@biconsortium](https://twitter.com/biconsortium)



[linkedin.com/company/ Bio-based Industries Consortium](https://www.linkedin.com/company/Bio-based%20Industries%20Consortium)



[Bio-based Industries Consortium](https://www.youtube.com/Bio-based%20Industries%20Consortium)



[@biconsortium](https://www.facebook.com/biconsortium)

www.biconsortium.eu

