



## D7.9 Stakeholders' event

<b>Project Acronym</b>	BioCatPolymers
<b>Project Title</b>	Sustainable and efficient bio-chemical catalytic cascade conversion of residual biomass to high quality biopolymers
<b>GA Number:</b>	760802
<b>Topic:</b>	BIOTEC-06-2017
<b>Call Identifier:</b>	H2020-NMBP-2016-2017
<b>Type of Action:</b>	IA (Innovation Action)
<b>Website</b>	<a href="http://www.biocatpolymers.eu">www.biocatpolymers.eu</a>
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<b>Deliverable No &amp; Title:</b>	<b>D7.9</b>	<b>Stakeholders' event</b>		
<b>Work Package</b>	7	Promotional activities and dissemination		
<b>Task No &amp; Title:</b>	7.1	Dissemination and communication activities		
<b>Lead Beneficiary:</b>	Visolis			
<b>Date:</b>	<b>Contracted</b>	06/30/2021	<b>Actual</b>	06/30/2021
<b>Status:</b>	<b>In Progress</b>		<b>Completed</b>	X
<b>Dissemination level:</b>	Public			
<b>Authors:</b>	A. Kalogianni (CERTH)			



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## 1 Introduction - Aim

This deliverable reports on the BioCatPolymers stakeholders' event which was combined with the 2<sup>nd</sup> technical workshop in a one-day event, entitled "*Renewable chemicals via biotechnological and chemo-catalytic routes*". The stakeholders' event was organized in the frame of BioCatPolymers by Visolis and CERTH, as part of Task 7.1 in WP7 Promotional Activities and Dissemination.

The stakeholders' event was organized towards the end of the project, focused in industries and other stakeholders and was coupled with efforts and strategies towards future exploitation of the project results. It featured talks by major industries players on a wide range of topics including the biomass pretreatment technology, the fermentation and down-stream processing scale-up technologies, the technoeconomic & environmental analysis of the production of biopolymers and the commercialization of such technologies.

## 2 Organizational Information of the Workshop

### 2.1 *Date and location*

The stakeholders' event was held as a web event, webex platform, on Friday 4<sup>th</sup> June 2021.


<b>Title:</b>	"Renewable chemicals via biotechnological and chemo-catalytic routes"
<b>Date &amp; Place of Organization:</b>	Webex, 4 June, 2021
<b>Organized by:</b>	Visolis & Centre for Research & Development Hellas (CERTH)
<b>Language of the workshop:</b>	English

## 2.2 *Objectives and format*

The main objective of the stakeholders' event was to bridge the academic/research and industrial worlds under the particular perspective of biochemicals technologies. More specifically, the focus of the event was on promoting the BioCatPolymers main achievements, as it was considered important for maximizing the impact of BioCatPolymers results. Participants were carefully selected and invited for the maximum impact of this activity.


The BioCatPolymers stakeholders' event consisted of four (4) lectures from business and industry. As the stakeholders' event was combined with the workshop, the interaction between the participants was facilitated via the fruitful discussions at the end of both events, enabling networking opportunities and possible synergies between the academic and industrial world.


## 2.3 Stakeholder's event agenda




### AGENDA

2 <sup>nd</sup> BioCatPolymers workshop	
	<p><b>Chairman:</b> <i>Dr Angelos A. Lappas, Research Director, CPERI/CERTH (GR) (CET)</i></p> <p><b>Welcome – The H2020 BioCatPolymers project</b></p>
09:30 – 10:00	<p><i>Dr Angelos A. Lappas, Research Director, CPERI/CERTH (GR) BioCatPolymers Project Coordinator</i></p>
10:00 – 10:30	<p><b>Biobased monomer synthesis: is the cheapest vegetable oil the best choice?</b></p> <p><i>Dr Jean-Luc Dubois, Arkema (FR)</i></p>
10:30 – 10:50	<p><b>Strain engineering strategies for mixed-sugar feedstocks</b></p> <p><i>Mr Brett Russell, Visolis (NL)</i></p>
10:50 – 11:10	<p><b>Break</b></p>
11:10 – 11:30	<p><b>Heterogeneous catalysis in downstream processing of fermentation-derived intermediates for the production of high added value biochemicals</b></p> <p><i>Dr Eleni Heracleous, CERTH (GR)</i></p>
11:30 – 11:50	<p><b>Unravelling the complexity of plastics recycling: A holistic approach of C-PlaNeT EU project</b></p> <p><i>Prof. Angeliki Lemonidou, AUTH (GR)</i></p>
11:50 – 12:30	<p><b>Discussion</b></p>
12:30 – 13:00	<p><b>Break</b></p>
Stakeholders' Event	
	<p><b>Chairman:</b> <i>Dr Eleni Heracleous, CERTH (GR) (CET)</i></p> <p><b>Biomass pretreatment with CelluApp Technology</b></p>
13:00 – 13:20	<p><i>Dr Tino Lassmann, SEKAB (SE)</i></p>
13:20 – 13:40	<p><b>Fermentation and Down-Stream Processing Scale-Up: Tips and Tricks for Start-Ups</b></p> <p><i>Dr Sander van Pelt, BPF (NL)</i></p>
13:40 – 14:00	<p><b>From sugars to Mevalonolactone (MVL) and 3-Methyl-1,5-PentaneDiol (MPD): a promising sustainable process</b></p> <p><i>Dr Wei Zhao, PDC (NL) /Ms Jasmine Bitar, Quantis (CH)</i></p>
14:00 – 14:20	<p><b>Commercializing a new bio-based building block for production of elastomer and green solvent</b></p> <p><i>Mr Erik Rutten, Visolis (NL)</i></p>
14:20 – 15:00	<p><b>Discussion</b></p>





This project has received funding from the European Union's Horizon 2020 research and innovation programme, under grant agreement Nº 750602.

## 2.4 Dissemination

The dissemination of the event was performed mostly via posts on the internet, via emails and informative printed material (brochures, posters). More specifically, the following dissemination channels were used:

- The announcement of the stakeholders' event as part of a common even with the 2<sup>nd</sup> technical workshop was uploaded on the official BioCatPolymers webpage (<http://biocatpolymers.eu/news-events>) and also on the Coordinator's site ([www.certh.gr](http://www.certh.gr)), together with a registration form for on-line registration.
- The stakeholders' event was also posted on the European Commission website as an upcoming event and on CORDIS.
- Communication with sister H2020 projects and invitations to speakers.
- A list of more than 1000 representatives of academic/research and business organizations was formed and invited via email to participate in the event.
- An informative brochure (Appendix A) about the venue of the event and the agenda of the stakeholders' event was generated and sent to the above mailing list.
- Dissemination of the stakeholders' event was achieved also via the publicity of the event in the social media, via several posts.

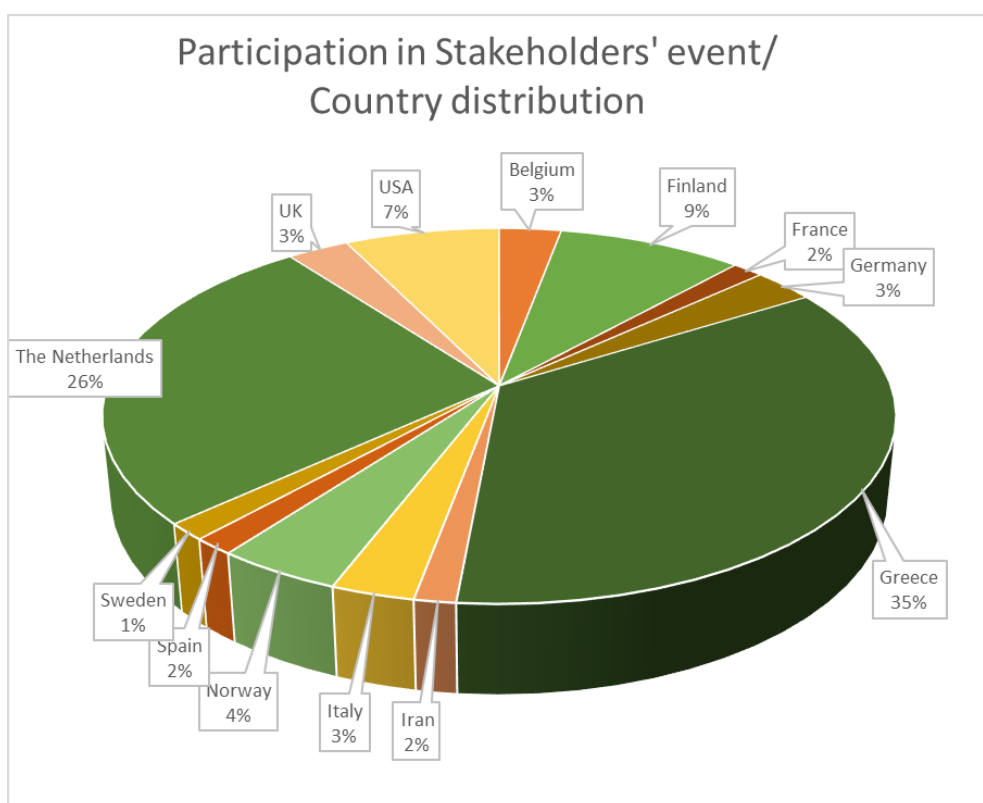
## 3 Stakeholders' Event Main Results

The objectives of the BioCatPolymers stakeholders' event were successfully approached through representative presentations on the biomass pretreatment technology, the fermentation and down-stream processing scale-up, the techno-economic & environmental analysis and results of the production of biopolymers, as well as the commercialization plan of the production of biopolymers and green chemicals.

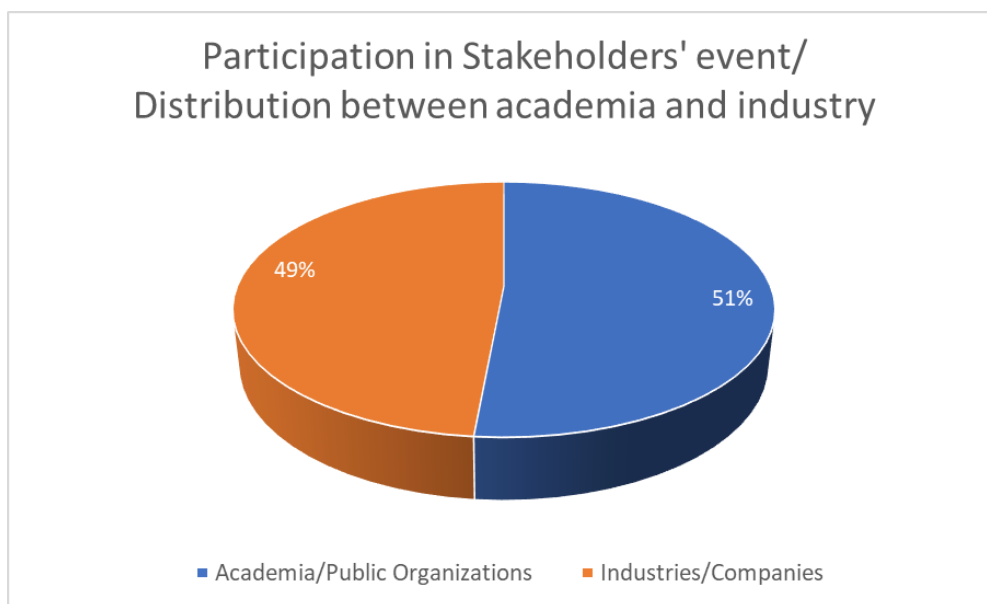
The combination of the two events, the 2<sup>nd</sup> BioCatPolymers workshop and the stakeholders’ event, promoted the interaction between academic and industrial stakeholders. Furthermore, the presentation of the promising results of the BioCatPolymers technologies, had the desirable impact on several stakeholders, as their interest in terms of commercialization and future trends of biochemicals technologies and markets was obvious, especially during the last session of the stakeholders’ event. The interaction between the participants via fruitful discussions, enabled possible future synergies between representatives of the industrial world in the area of sustainable biochemicals production.

In terms of organization, execution and impact, the stakeholders’ event was successful, with 68 participants, coming from 13 different countries. Representatives from both academic/research and business/industry organizations participated in the event (analytical list Appendix B). The figures below show the country distribution (Figure 1) and distribution between academia and industry among the participants (Figure 2).

**Figure 1.** Country distribution among the participants.



**Figure 2.** Distribution between academia and industry





## Appendix A. Brochure











### Invitation to the BioCatPolymers 2<sup>nd</sup> virtual Workshop & Stakeholders' Event

***Renewable chemicals via biotechnological  
and chemo-catalytic routes***  
June 4, 2021

Web-place:  
<https://certh.webex.com/certh/j.php?MTID=mb8cbacdd411e02fad0794f943b421259>

The 2<sup>nd</sup> BioCatPolymers workshop and the stakeholders' event entitled "*Renewable chemicals via biotechnological and chemocatalytic routes*", both organized as web-events in the frame of the BioCatPolymers H2020 project, aim to bring together researchers from industry and academia, industrial players, local stakeholders and policy makers, to discuss recent advances in the production of high added value bio-chemicals.

The agenda of the workshop and the stakeholders' event includes presentations from major industries active in bio-chemicals and related European-funded projects working on innovative bio-catalytic and chemo-catalytic process concepts.

Please register at <http://biocatpolymers.eu/registration-form> .





This project has received funding from the European Union's Horizon 2020 research and innovation programme, under grant agreement № 760802.



## AGENDA

### 2<sup>nd</sup> BioCatPolymers workshop

<b>Chairman:</b>	<i>Dr Angelos A. Lappas, Research Director, CPERI/CERTH (GR)</i>
(CET)	Welcome – The H2020 BioCatPolymers project
09:30 – 10:00	<i>Dr Angelos A. Lappas, Research Director, CPERI/CERTH (GR)</i> <i>BioCatPolymers Project Coordinator</i>
10:00 – 10:30	<b>Biobased monomer synthesis: is the cheapest vegetable oil the best choice?</b> <i>Dr Jean-Luc Dubois, Arkema (FR)</i>
10:30 – 10:50	<b>Strain engineering strategies for mixed-sugar feedstocks</b> <i>Mr Brett Russell, Visolis (NL)</i>
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11:50 – 12:30	<b>Discussion</b>
12:30 – 13:00	<b>Break</b>

### Stakeholders' Event

<b>Chairman:</b>	<i>Dr Eleni Heracleous, CERTH (GR)</i>
(CET)	Biomass pretreatment with CelluApp Technology
13:00 – 13:20	<i>Dr Tino Lassmann, SEKAB (SE)</i>
13:20 – 13:40	<b>Fermentation and Down-Stream Processing Scale-Up: Tips and Tricks for Start-Ups</b> <i>Dr Sander van Pelt, BPF (NL)</i>
13:40 – 14:00	<b>From sugars to Mevalonolactone (MVL) and 3-Methyl-1,5-PentaneDiol (MPD): a promising sustainable process</b> <i>Dr Wei Zhao, PDC (NL) /Ms Jasmine Bitar, Quantis (CH)</i>
14:00 – 14:20	<b>Commercializing a new bio-based building block for production of elastomer and green solvent</b> <i>Mr Erik Rutten, Visolis (NL)</i>
14:20 – 15:00	<b>Discussion</b>

## Appendix B. Stakeholders' event Registrations

A/A	Name	Surname	Company / Institution	Country
1	Angelos	Lappas	CPERI/CERTH	Greece
2	Eleni	Heracleous	CPERI/CERTH	Greece
3	Aggeliki	Kalogianni	CPERI/CERTH	Greece
4	Eleni	Pachatouridou	CPERI/CERTH	Greece
5	Sander	van Pelt	BPF	The Netherlands
6	Wei	Zhao	Process Design Center	The Netherlands
7	Brett	Russell	Visolis B.V.	The Netherlands
8	Erik	Rutten	Visolis B.V.	The Netherlands
9	Angel	Fuentes-Mateos	EU	Belgium
10	Tino	Lassmann	SEKAB E-technology	Sweden
11	Angeliki	Lemonidou	AUTH	Greece
12	Jean-Luc	Dubois	Arkema	France
13	Jasmine	Bitar	Quantis	Italy
14	Hans	Keuken	Process Design Center	The Netherlands
15	Raf	Roelant	Process Design Center	The Netherlands
16	Hank	Vleeming	Process Design Center	The Netherlands
17	Stylianos	Stefanidis	CPERI/CERTH	Greece
18	Vasileia	Yfanti	Aristotle University of Thessaloniki	Greece
19	Georgia	Ioannidou	Aristotle University of Thessaloniki	Greece
20	Villy	Zacharopoulou	CERTH	Greece
21	Giannis	Penloglou	CERTH	Greece
22	Konstanti nos	Triantafyllidis	Aristotle University of Thessaloniki	Greece
23	Francesca	Martelli	Aristotle University of Thessaloniki	Greece
24	Morteza	Zare	Marun petrochemical co.	Iran
25	Stian	Hegdahl	University of Bergen	Norway
26	Solmaz	Ghoreishi	University of Bergen	Norway
27	Ronald	de Vries	Westerdijk Fungal Biodiversity Institute	The Netherlands
28	Dujuan	Liu	Westerdijk institute	The Netherlands
29	Miia	Mäkelä	University of Helsinki	Finland
30	Bahman	Goshayeshi	University of Ghent	Belgium
31	Astrid	Mueller	Westerdijk Institute	The Netherlands
32	Klaus	Lenz	SYNCOM GmbH	Germany
33	Stephen	Poulston	Johnson Matthey	UK
34	Maria	Touraki	AUTH	Greece
35	James	Fu	BASF Catalysts LLC	New Jersey, USA
36	Mark	Schmalfeld	BASF Corporation	New Jersey, USA
37	Eleftheria	Athanasiadou	CHIMAR HELLAS SA	Greece
38	Fani	Fousika	AUTH	Greece
39	Vardis	Gaitanis	AUTH	Greece

	Konstanti			
40	nos	Papamonioudis	AUTH	Greece
41	Dimitris	Mandis	AGMPM	Greece
42	Efstathia	Tsarouchi	CPERI/CERTH	Greece
43	Niki	Dimou		Greece
44	Amanda	Young	Pine Chemicals Association International	Florida, USA
45	Aikaterinh -Sotiria	Argyriou	Panteion University of Social and Political Sciences	Greece
46	Kristoffer	Herdlevær	University of Bergen	Norway
47	Mike	Schultz	PTI Global Solutions, LLC	Indianapolis, USA
48	Joris	Mertens	KBC Process Technology	The Netherlands
49	Gary	Diamond	Stora Enso	UK
50	Mounir	Izallalen	Eastman Chemical Company	USA
51	Petri	Iassila	Storaenso International oy	Finland
52	Tania	Ioannidou	Department of Chemistry AUTH	Greece
53	Erisa	Saraci	Karlsruhe Institute of Technology	Germany
54	Karoliina	Haapanen	Valmet Technologies, Inc.	Finland
55	Ivan	Das	Rabobank Project Finance	The Netherlands
56	Arttu	Tolvanen	Valmet	Finland
57	Marcelo	Hamaguchi	Stora Enso	Finland
58	Mónica	García-Ruiz	ICP-CSIC	Spain
59	Geert	Noordzij	Plantics	The Netherlands
60	Kyriazis	Rekos	AUTH	Greece
			Organization/Company:	
61	Jaap	Bergwerff	Albemarle Catalysts	The Netherlands
62	Alexander	Overman	Zuyd Hogeschool	The Netherlands
63	Eleni	Salonikidou	AUTH	Greece
64	Rob	Beekers	Cargill	The Netherlands
65	Ebba	Malm	Valmet	Finland
66	Mohamed	Mahmoud	Process Design Center	The Netherlands
67	Davide	Tonon	Quantis	Italy
68	Iuc	Didden	Zuyd hogeschool	The Netherlands