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## **DELIVERABLE D8.7**

# **INTERMEDIATE REPORT ON THE MULTI STAKEHOLDER PLATFORM**

**DISSEMINATION LEVEL: CONFIDENTIAL**

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## Document Control Sheet

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<table><tr><th>Version</th><th>Date</th><th>Description</th></tr><tr><td>1</td><td>20/10/2020</td><td>This intermediate report gathers data and information relative to the multi stakeholder platform BIOCOGEN 2030, launched by the projects BLAZE and Smart CHP in spring 2020.</td></tr><tr><td>2</td><td>02/02/2021</td><td>Update of M24, including the latest activities and plan for the final year of the project.</td></tr></table>			Version	Date	Description	1	20/10/2020	This intermediate report gathers data and information relative to the multi stakeholder platform BIOCOGEN 2030, launched by the projects BLAZE and Smart CHP in spring 2020.	2	02/02/2021	Update of M24, including the latest activities and plan for the final year of the project.
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## 1 WHAT IS THE MULTI STAKEHOLDER PLATFORM BIOCOGEN 2030?

Project deliverable D8.7 requires the consortium to set up a Multi stakeholder platform (MSP) directed towards community building and stakeholder engagement through the implementation of a series of off-line and online activities. The original due date for its launch was in M12, planned to be held during the 28<sup>th</sup> European Biomass Conference and Exhibition. However, covid19 caused the postponement of the conference from April to July 2020. It was then decided to hold an online webinar in early summer to launch the platform.

In April 2020 EUBIA's team started to cooperate with *Greenovate Europe* from the Smart CHP project (funded by the same Call as BLAZE) in order to launch a joint Stakeholder platform and create new synergies. This work led to the first press release announcing the birth of **BIOCOGEN 2030**, the stakeholder platform on small-medium scale biomass CHP systems. Down below we report the full text of the press release:

*A stakeholder community dedicated to biomass-based combined heat and power (CHP) systems has been launched by partners of two European research projects.*

*BIOCOGEN 2030 will foster knowledge exchange, gather feedback on R&D activities and enhance networking in the area, with the overall mission of increasing the share of bioenergy in the cogeneration market by the end of the decade.*

*The forum will consider critical topics influencing the up-take of innovative technologies and solutions, with a special focus on: biomass characterisation and suitability; process developments; market assessment; standardisation issues, and non-technological barriers.*

**The BIOCOGEN 2030 community is open to all interested stakeholders, who are invited to [register via this form](#).**

*BIOCOGEN 2030 was initiated by the partners of [BLAZE](#) and [SmartCHP](#), Horizon 2020 projects funded under the 2018 call for 'solutions to reduce the cost and increase performance of renewable technologies'.*

*The BLAZE project is developing a new generation of biomass CHP power plants through the integration of gasification in a fluidized bed with a solid oxide fuel cells (SOFC) system.*

*SmartCHP partners will design and build a novel small-scale cogeneration unit based on a modified diesel engine. The unit will run on fast pyrolysis bio-oil derived from the conversion of agroforestry residues and organic waste.*

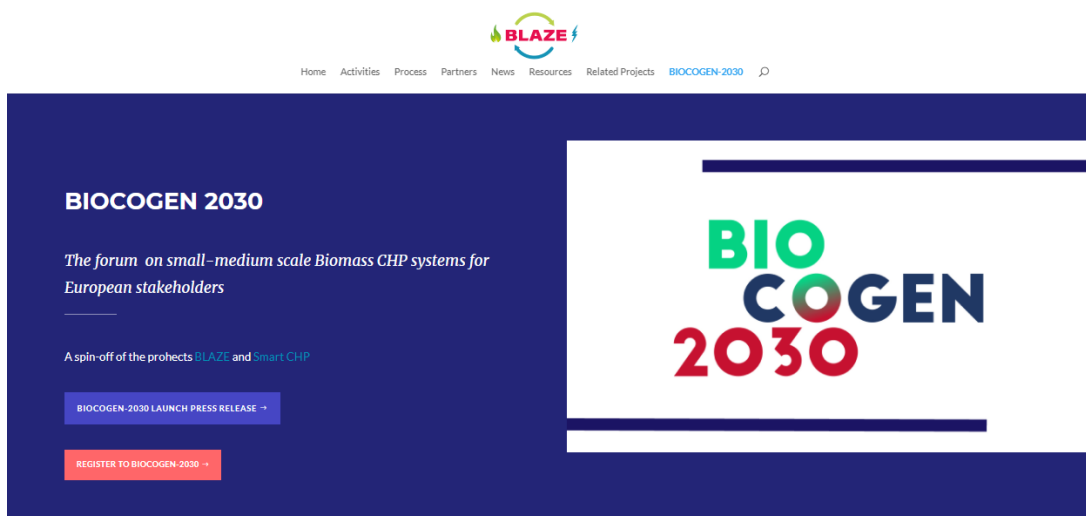
*BIOCOGEN 2030 will host a virtual launch event in June via an online webinar. From then on, regular stakeholder events and webinars will be organised on relevant topics.*

*Stakeholders signed up to the forum will receive periodic newsletters with updates from the projects, and be invited to develop joint initiatives and policy positions.*

The subscription to the platform can be easily finalized by filling a Google form. Preview reported below

The image shows a preview of a registration form for BIOCOGEN 2030. The header features the BIOCOGEN 2030 logo, with "BIO" in green, "COGEN" in blue, and "2030" in red. The main heading reads "Join the European stakeholder forum on small-medium scale biomass CHP systems". Below this, a paragraph states: "BIOCOGEN 2030 is an open network gathering stakeholders active in the field of biomass CHP systems. The objectives of BIOCOGEN 2030 are to foster knowledge exchange, gather feedback on research and innovation activities and enhance networking in the area." Another paragraph says: "By registering via this form you will be added to our mailing list and receive project updates, event invitations and opportunities to collaborate directly in your inbox." A third paragraph states: "Your data will be handled according to the SmartCHP Data Protection Policy and will not be shared or used for purposes beyond the scope of the BIOCOGEN 2030 initiative." At the bottom, there is a red asterisk followed by the text "\*Campo obbligatorio".

## 2 ACTIVITIES OF BIOCOGEN 2030



A dedicated section on BIOCOGEN 2030 was set up on the website of BLAZE, gathering all relevant news and activities. On the 9th of June 2020, BLAZE and Smart CHP organized the launch webinar of BIOCOGEN 2030, having the following agenda:

- **Welcome and introduction,**

Giulio Poggiaroni – EUBIA & James Ling – Greenovate! Europe

- **Cogeneration in Europe & role of small-medium scale biomass systems,**

Hans Korteweg – COGEN Europe

- **BLAZE project ([www.blazeproject.eu](http://www.blazeproject.eu)),**

Enrico Bocci – University “Guglielmo Marconi”, Rome

- **SmartCHP project ([www.smartchp.eu](http://www.smartchp.eu)),**

Bert van de Beld – BTG Biomass Technology Group

- **BIOCOGEN 2030 stakeholder platform,**

Giulio Poggiaroni – EUBIA

Q&A

During this webinar Professor Bocci (USGM) introduced BLAZE to the audience while Giulio Poggiaroni (EUBIA) presented BIOCOGEN 2030, its scope and upcoming activities. Hans Korteweg from COGEN EUROPE gave a presentation on the status of cogeneration in the EU while Bert van de Belt from BTG introduced the Smart CHP project. The webinar was successful and well received, with 70 people

attending. A google form was made available to subscribe to BIOCOGEN 2030 and since then the platform has reached 104 individual subscribers from academia and industry.



During the 28th European Biomass Conference and Exhibition (6-9 July 2020, in a fully virtual form), a second BIOCOGEN 2030 webinar was organized. This time the scope was to reach out new stakeholders and give them the chance to present their experiences regarding small-medium scale cogeneration from biomass. Following a brief presentation of BLAZE and SmartCHP, 5 CHP project/solutions were introduced to the audience by research institutes (POLITO, EPFL), a company (Entrenco GmbH) and a public agency (Energykontor Sydost).

The agenda was the following:

11:00 – Introduction: the platform BIOCOGEN 2030 (Giulio Poggiaroni-EUBIA)

11:05 – École polytechnique fédérale de Lausanne

> Project “Waste2Watts” (Dr. Jan Van Herle)

> Project “Waste2Grids” (Dr. Wang Ligang)

11:20 – ENTRENCO GmbH

> Solutions for small CHP units (Mr. Egbert Freiherr von Cramm – CFO/CSO, Dr. Burghard Knolle – CTO ENTRENCO GmbH)

11:30 – Energy Agency for Southeast Sweden

> Project “Small scale CHP Life+” (Daniella Johansson – Project Manager)

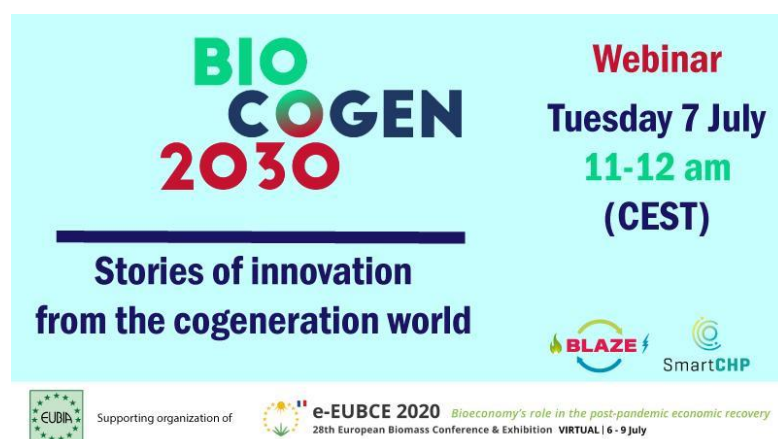
11:40 – Technical University of Turin

> Project “DEMOSOFC” (Dr. Marta Gandiglio)

11:50-12:00 – Q&A

This second webinar was successful too, reaching 80 attendees and further increasing the number of BIOCOGEN 2030 subscribers. Given the impossibility to hold any physical workshop/event during autumn/winter, a third webinar is scheduled for the second half of November 2020.

For the whole duration of EUBCE, information material on BLAZE and BIOCOGEN 2030 was made available in the virtual exhibition booth of EUBIA.



In September it was agreed by EUBIA and Greenovate to launch a dedicated LinkedIn page for BIOCOGEN 2030 in order to increase the overall visibility of the initiative and to differentiate the



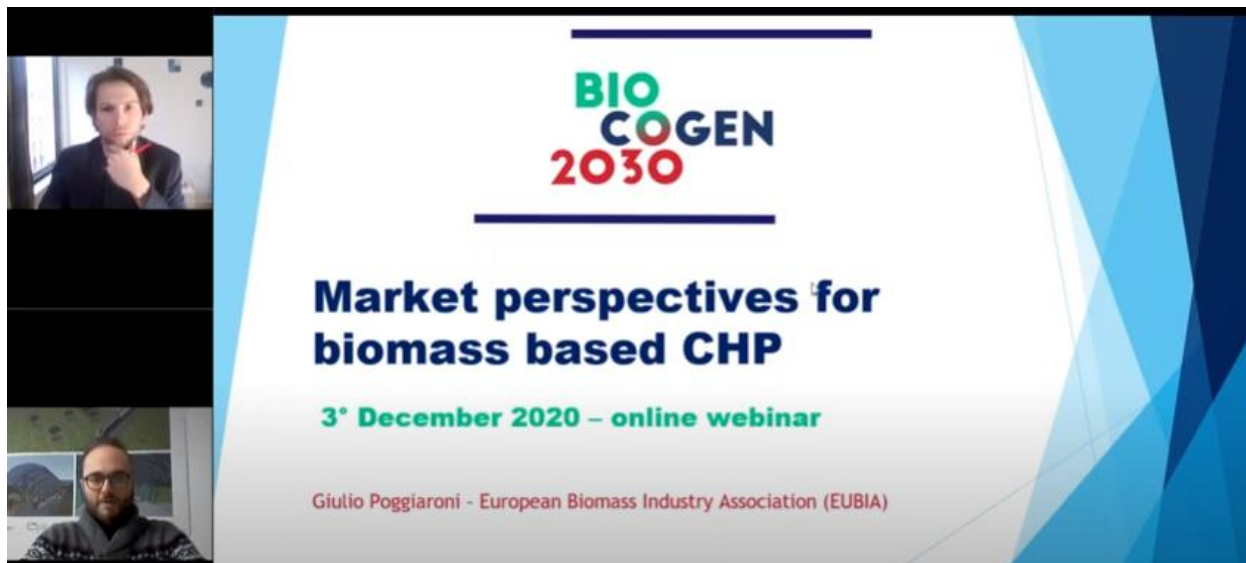
activities from those published on the project pages. At the end of the summer BIOCOGEN 2030 circulated a survey among its members to ask which topic could be of interest for the third webinar of the MSP and how subscribers evaluate the experience of BIOCOGEN 2030 so far. Find below a preview of the Google form used.

The image shows a preview of a Google Form titled "BIOCOGEN 2030 summer survey". At the top, there are logos for "BIOCOGEN 2030" (with "BIO" in green, "COGEN" in blue, and "2030" in red), "BLAZE" (with a flame icon), and "SmartCHP" (with a circular arrow icon). Below the logos is the text "THE EUROPEAN STAKEHOLDER FORUM ON SMALL-MEDIUM SCALE BIOMASS CHP SYSTEMS". The main title of the form is "BIOCOGEN 2030 summer survey". Below the title is a message: "Dear BIOCOGEN 2030 members, we do not know yet if it will be possible to hold physical meetings and events in autumn. Most likely, our next activity will be another online webinar and we want to know your opinion on that!". The first question is "Which topic should the next webinar address?". There are four radio button options: "Biomass flexibility for small-medium scale CHP", "Market advantages and market outlook of small-medium scale CHP units/plants", "Standardization issues and regulatory barriers", and "The role of small-medium scale biomass CHP in the EU Green deal".

The survey results indicated the topic “Market advantages and market outlook of small-medium scale CHP units/plants” as the most liked once. A third webinar focussing on such topic was scheduled and took place on the 3rd December 2020. Three distinguished guests from the industry presented their data and insights regarding the CHP market during the transition towards a decarbonised society.

Titles and presenters:

- Assessing the European market for small-scale biomass-based CHP – Nikos Sakellariou (EXERGIA & SmartCHP project)
- Market advantages and market outlook of small-medium scale CHP units/plants – Dirk Bonse (AHT Syngas)
- Insights from Asian markets – Egbert Freiherr von Cramm (ENTRENCO)



In the news section of the BLAZE website one can find the related news and access the recording of the session.

### **3 NUMBERS OF BIOCOGEN 2030 (UPDATE 02/02/2021)**

154 subscribers to the platform

3 webinars organized

More than 200 attendees

5 companies/research institutes in closer contact

## 4 STAKEHOLDER ENGAGEMENT PLAN FOR 2021

In 2021 BIOCOGEN 2030 related activities will resume, relying on social media, website news and webinars, giving the impossibility to organize any physical event yet. During the 29th European Biomass Conference and Exhibition, taking place online at the end of April 2021, there will be a new session devoted to BLAZE and BIOCOGEN 2030. The topic has to be decided yet and once again we will make use of an online survey. Beside that, an additional survey will be prepared in order to ask the platform subscribers which will be the trends and events to watch in 2021 with regards to biomass CHP systems.

During the days of EUBCE, EUBIA's exhibition booth will act as a networking point, engaging the different stakeholders attending the conference.

In September 2021, a new online event will take place and, if the sanitary conditions would allow it, a physical event will take place in Brussels in December.

Activity	When
Survey on key trends in 2021	February-March
Survey on EUBCE	February-March
Online event at EUBCE	April
Networking at EUBCE via EUBIA's exhibition area	April
Online event	September
Event in Brussels	December