



## **Lowering Costs by Improving Efficiencies in Biomass Fuelled Boilers: New Materials and Coatings to Reduce Corrosion**

*Edition: February 2024*

Dear Readers,

Every 4 months a newsletter is shared with all stakeholders and the scientific community that are involved and or interested in the field of bioenergy, including plant developers, plant operators, and technology suppliers, as well as governmental bodies. Furthermore, members of the public who are interested in one or more of the topics related to BELENUS, such as bioenergy and materials engineering, will also gain from these newsletters.

They cover the overall project progress, special topics, news, relevant impacts, information and where to meet us in person at important events.

We invite you to visit our website and get in touch, through the information available at the end of this document. Enjoy reading!

*Francisco Javier Pérez Trujillo  
Coordinator of BELENUS  
Universidad Complutense de Madrid*

*Mickaël Lambrecht & Gustavo García Martín  
Editors of BELENUS newsletters  
Universidad Complutense de Madrid*



*This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 815147.*

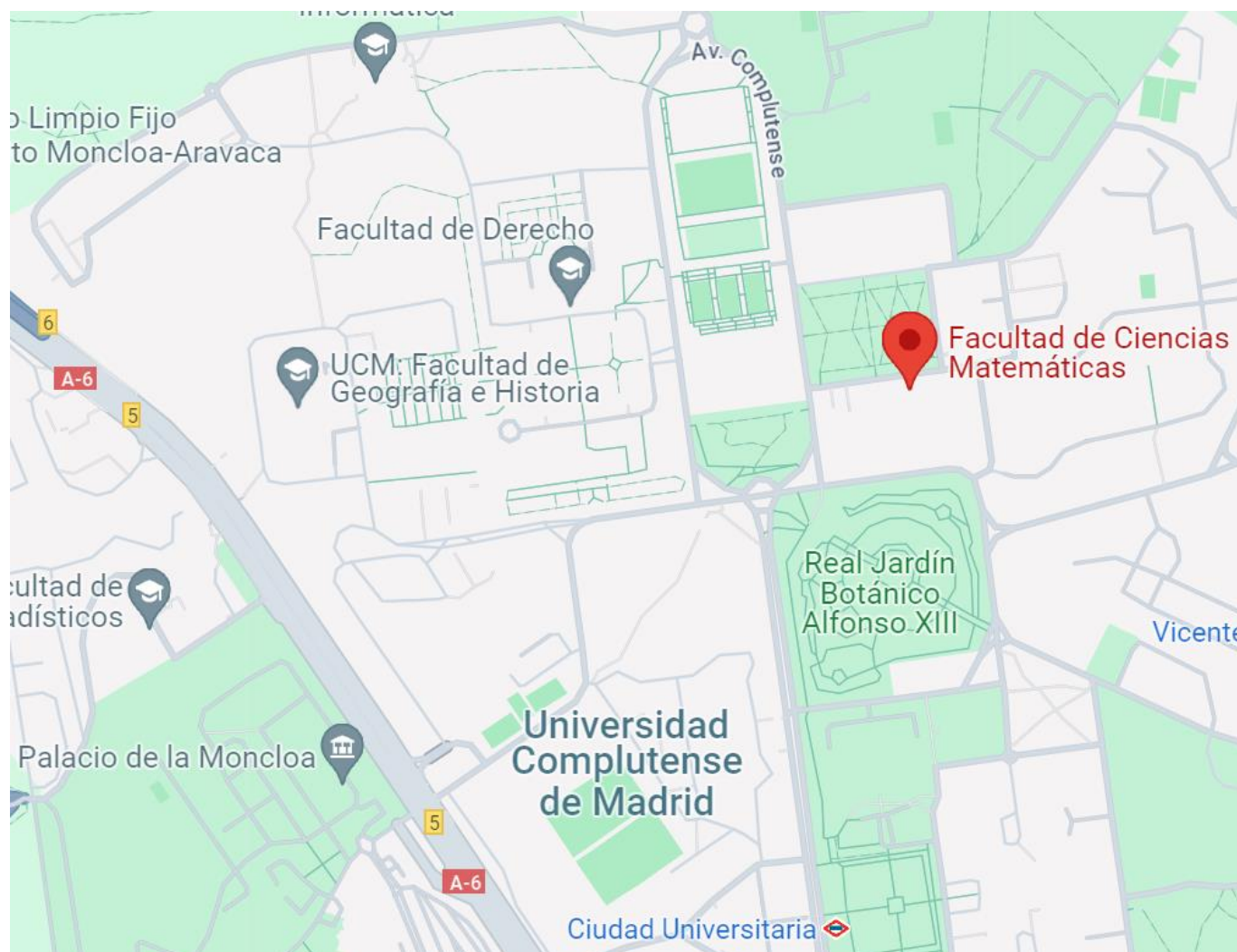
## BELENUS General Assembly Meeting

We are excited to announce that the BELENUS General Assembly meeting will take place in Madrid, Spain, from February 19th to 20th, 2024.

### Meeting Details

- Date: February 19th-20th, 2024
- Location: Faculty of Mathematics at Universidad Complutense de Madrid

During this meeting, BELENUS partners will come together to share updates on their respective projects and discuss the overall progress of the initiative. This is a great opportunity for partners to collaborate, share knowledge, and align their efforts to achieve the project's goals.



**We look forward to seeing you in Madrid!**

The agenda of the GA meeting can be found here:



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# AGENDA OF THE FINAL GENERAL ASSEMBLY MEETING

19th of FEBRUARY 2024

## Meeting Opening

12:30 – 13:20	<i>Welcome LUNCH</i>	
13:20 – 13:30	Welcoming words	F.J. Pérez Trujillo (UCM)

## Work Package preparations and organization

13:30 – 14:00	<b>WP2 Operational Plan Definition</b> BIOMASS CORROSION RESISTANT COATINGS: DEPOSITION AND OPTIMISATION	Alina Agüero (INTA)
14:00 – 14:30	<b>WP3 Operational Plan Definition</b> LAB SCALE TESTING, CHARACTERISATION AND MONITORING	Torbjörn Jonsson (CHAL)
14:30 – 15:00	<b>WP4 Operational Plan Definition</b> PILOT SCALE TESTING AND CHARACTERISATION	Manuel Benito (CIEMAT)
16:00 – 16:30	<i>Coffee Break</i>	
15:30 – 16:00	<b>WP5 Operational Plan Definition</b> NEW WELDING AND STRUCTURAL INTEGRITY STRATEGIES: ASSEMBLY OF BOILER STRUCTURES	Peter Mayr (TUM)
16:30 – 17:00	<b>WP6 Operational Plan Definition</b> MODELLING AND VALIDATION OF MATERIAL LIFE PREDICTION & COST AND LIFE CYCLE ANALYSIS	Janne Pakarinen (VTT)
17:00 – 17:30	<b>WP7 Operational Plan Definition</b> TESTING AND MONITORING AT OPERATION PLANT CONDITIONS UNDER SMALL AND MEDIUM-SCALE CHP PARAMETERS	Karol Witkowski (EIFER)

20h of FEBRUARY 2024

## Work Package preparations and organization

9:00 – 9:30	<b>WP8 Operational Plan Definition</b> DISSEMINATION, EXPLOITATION, IP AND SOCIAL ASSESSMENT	Gustavo García (UCM)
9:30 – 10:00	<b>WP9 - Operational Plan Definition and summary of deviations, and final report preparation</b> PROJECT MANAGEMENT	F.J. Pérez Trujillo (UCM)

## Meeting closure

10:00-10:15	<b>Review and closing words</b>	F.J. Pérez Trujillo (UCM)
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## Sectorial Breaking News

Date	Headline	Source
24 <sup>th</sup> October 2023	Ecostar Energy Côte d'Ivoire receives US grant for biomass plant	Bioenergy-news
21 <sup>st</sup> November 2023	DS Smith invests in biomass boiler for Normandy site	Bioenergy-news
4 <sup>th</sup> December 2023	New Energy Blue launches farmer-owned biomass business	Bioenergy-news
18 <sup>th</sup> December 2023	Osaka Gas puts 75-MW biomass plant into operation	Renewables now
3 <sup>rd</sup> January 2024	Petrobras contracts HEFA tech for renewable diesel, SAF	Renewables now
30 <sup>th</sup> January 2024	Masdar to explore green maritime fuels supply to France's CMA CGM	Renewables now
1 <sup>st</sup> February 2023	Scirocco Energy completes £2.6m sale of biomass group EAG	Bioenergy-news

## Remarkable Upcoming Events.

### WS30: BIOENERGY IN A NET ZERO FUTURE

- 4-6<sup>th</sup> March 2024
- Richmond, VA, USA

The 17th annual International Biomass Conference & Expo will take place March 4-6,



2024, at the Greater Richmond Convention Center in Richmond, VA. This dynamic event unites industry professionals from all sectors of the world's interconnected biomass utilization industries—biobased power, thermal energy, fuels and chemicals.

Organized by BBI International and produced by Biomass Magazine, this event brings current and future producers of bioenergy and biobased products together with waste generators, energy crop growers, municipal leaders, utility executives, technology providers, equipment manufacturers, project developers, investors and policy makers. It's a true one-stop shop – the world's premier educational and networking junction for all biomass industries.

### 5th European Conference Future of Biofuels 2023

- 13-14<sup>th</sup> March 2024
- Rome, Italy

Europe: energy, agriculture and climate - Current Challenges and Future Outlook

The potential of biogas and biomethane within international trends and REPowerEU

Italy: biogas and biomethane - new scenarios and future developments

Biomethane market: developments and achievements in Italy

The answer to food, energy and climate comes from farming: the Farming for Future approach



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The key role of agriculture between responsibility and opportunity

## **EXPERT WORKSHOP: EXPLORING FLEXIBILITY FROM RENEWABLE HYDROGEN AND BIOENERGY IN ENERGY SYSTEMS MODELLING**

- 15-16<sup>th</sup> May 2024
- Glasgow, United Kingdom

All-Energy takes pride in being the UK's largest low carbon energy and full supply chain renewables event; while the co-located Dcarbonise is aimed at private and public sector energy end users.



All-Energy offers an opportunity to meet, network and make connections with the renewable energy community with two days of uninterrupted business.

The next live edition of All-Energy & Dcarbonise is taking place in May 2024 at the SEC, Glasgow.

### **Stay in contact with us. Visit our website.**

BELENUS website [www.BELENUS-project.eu](http://www.BELENUS-project.eu) is available since the early beginning of the project. It shows the scope and objectives of the project along with outstanding results. You can find out more interesting information about the project and the impact of the results achieved, including all dissemination activities carried out.

If you have any question, feel free to drop us a line at [contact@BELENUS-project.eu](mailto:contact@BELENUS-project.eu) or on social medias

LinkedIn  and Twitter 



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