



INDUSTRIAL & REPLICATION WORKSHOP

GLAMOUR (GLycerol to Aviation and Marine prOducts with sUstainable Recycling) is a project funded in the frame of the Horizon 2020 research and innovation programme of the European Commission to demonstrate the conversion of bio-waste feedstock such as glycerol into jetfuel and marine diesel oil by combining two technologies: Syngas generation with inherent CO₂ removal using gas solid reactions and compact Fischer-Tropsch process with 3D printed catalyst.

The GLAMOUR project has now reached its 30th month of implementation and lots of interesting results towards the demonstration of advanced biofuels and clean energy technologies have been reached by the whole consortium.

To further explore all the progresses obtained, GLAMOUR has hosted its **Industrial and Replication Workshop**, held with the aim of discussing with stakeholders at industrial level and representatives of neighboring EU projects the process to transform waste glycerol from biodiesel plants into sustainable biofuels for aviation and maritime sectors.

GLAMOUR INDUSTRIAL & REPLICATION WORKSHOP



The GLAMOUR workshop took place on November 9th, 2022, in the frame of the **Ecomondo Fair and Exhibition**: the leading event in Europe for the new models of circular economy, held in Rimini (Italy) from 8th to 11th November.

The workshop has been organized and moderated by **CiaoTech – PNO Group**, a consultancy company specialized in Innovation Management and funding, providing support services to private and public organizations in Innovation processes, Technology Transfer, IT solutions and funding for research, development and innovation. In GLAMOUR, CiaoTech is the leader of the Exploitation and Dissemination activities, aimed at maximizing the visibility and impact of the GLAMOUR project ensuring an effective exploitation strategy and a sound dissemination of the project results.

THE EVENT HAS BEEN STRUCTURED IN THREE SESSIONS:

1. THE GLAMOUR PROJECT

In this first session of the workshop, a comprehensive overview on the GLAMOUR project has been provided by Vincenzo Spallina, the project coordinator from the **University of Manchester**. Following, a presentation on New Approaches for Glycerol Purification was made by Martin Kingsley & Taha Attarbachi from **Argent Energy**, and a discussion Technology Intelligence Analysis on advanced biofuels was provided by Anna Franciosini from CiaoTech – PNO Group.



Figure 1: from the left Vincenzo Spallina (UNIMAN), Taha Attarbachi (UNIMAN) and Anna Franciosini (CTECH)⁷⁷

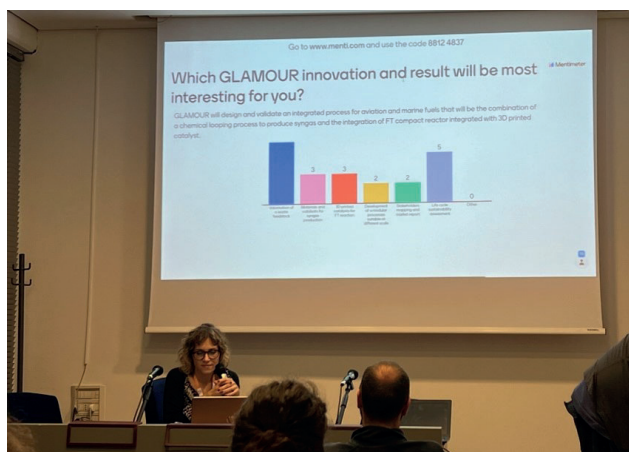


Figure 2: Anna Franciosini running the interactive survey

2. INTERACTIVE SESSION

Anna Franciosini, Innovation Management consultant at CiaoTech, moderated an interactive questionnaire to collect the experts' opinion on advanced biofuels and to explore and discuss with the Ecomondo attendees and stakeholders which are the barriers and market drivers towards the adoption biofuel for aviation and maritime. Lots of interesting insights were gathered that will help the consortium reaching its goals!

3. ADVANCED BIOFUELS: TESTIMONIALS FROM OTHER R&D PROJECTS AND EXPERTS IN THE FIELD

The third session of the workshop has been dedicated to external stakeholders working in the same technology fields of GLAMOUR. Presentation from the neighboring EU projects [HyMethShyp](#), [BioSfera](#), [ALTERNATE](#), [HIGFLY](#), [CLARA](#) and [Idealfuel](#) has been provided, as well as the presentation "Chemical Recycling Thought Waste Gasification" by [MyRechemical](#).



Figure 3: from the top left Nicole Wermuth (HyMetShip), Gustavo Alonso (ALTERNATE) and Giorgia Pellegrino (BioSFerA)

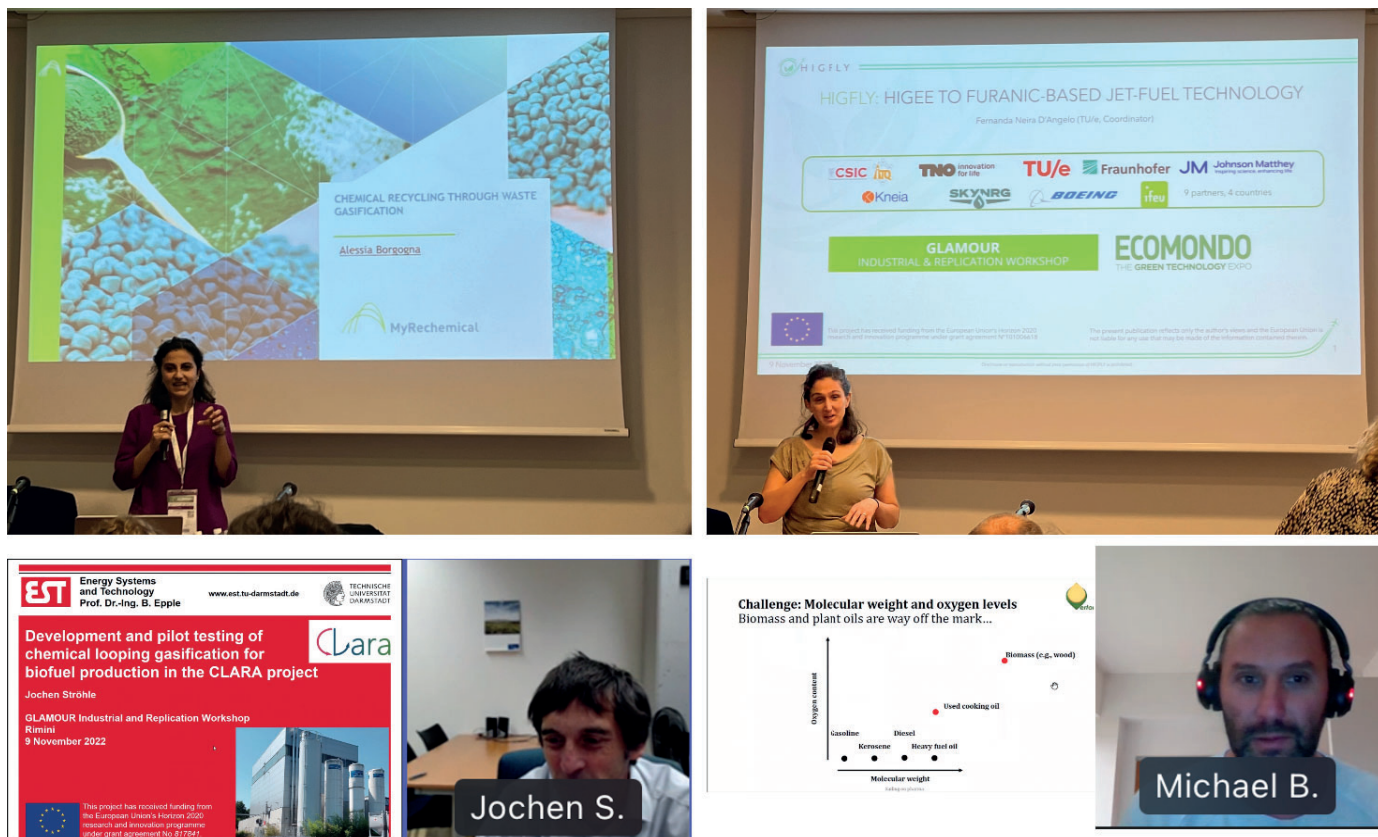


Figure 4: from the top left Alessia Borgogna (MyRechemical), Fernanda Neira (HIGFLY), Jochen Strohle (CLARA) and Michael Boot (Idealfuel)



GLAMOUR PRESENTATION IN ECOMONDO 2022

Marco Tomatis from **The University of Manchester** presented Glamour in the frame of the session “Waste as a Resources: innovative technologies for recycling and recovery”, which took place on November 8th, 2022, providing a detailed description on the environmental impacts of crude glycerol purification in comparison to energy recovery.



Figure 5: Marco Tomatis from the University of Manchester



Figure 6: Anna Franciosini, Patrizia Circelli and Manuela Guiducci from CiaoTech

GLAMOUR was also presented in the CiaoTech – PNO Group booth, hosted in the Bioeconomy pavillion (D1/stand 189) at Ecomondo, where consultants from CiaoTech provided to the visitors more information about the aim and scope of the project.



Figure 7: UNAMAN Team and ARGENT ENERGY at the CiaoTech booth

GLAMOUR M30 PROGRESS MEETING

On November 10th, 2022, the GLAMOUR Consortium gathered for the 4th General Assembly of the project. The meeting took place in Rimini (Italy) with the aim of discussing all the important results and milestones achieved up to the thirtieth month of implementation. Each partner presented the progresses obtained in its Work Package and described which are the next steps to be achieved towards the project goal.

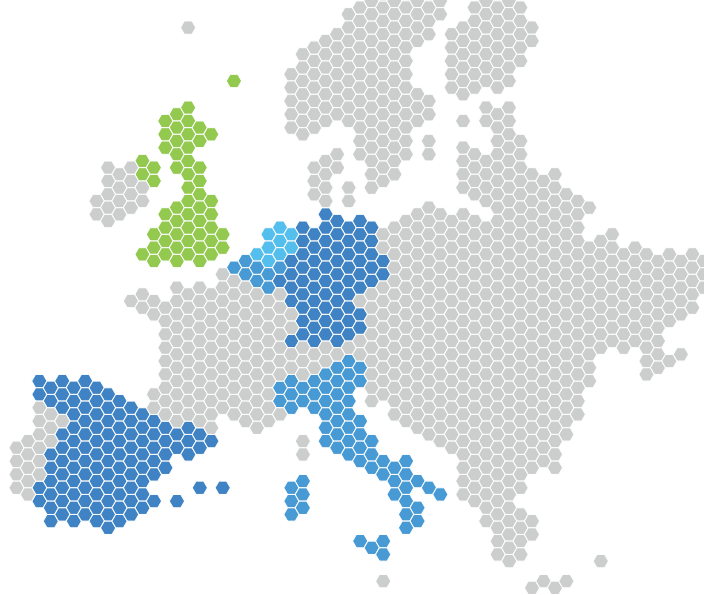


Figure 8: The GLAMOUR Consortium

Want to know more about GLAMOUR?

Visit the [project website](#) and keep following us on [LinkedIn](#) and [Twitter](#) to be always updated on the latest news!

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Funded by
the European Union

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N° 884197