

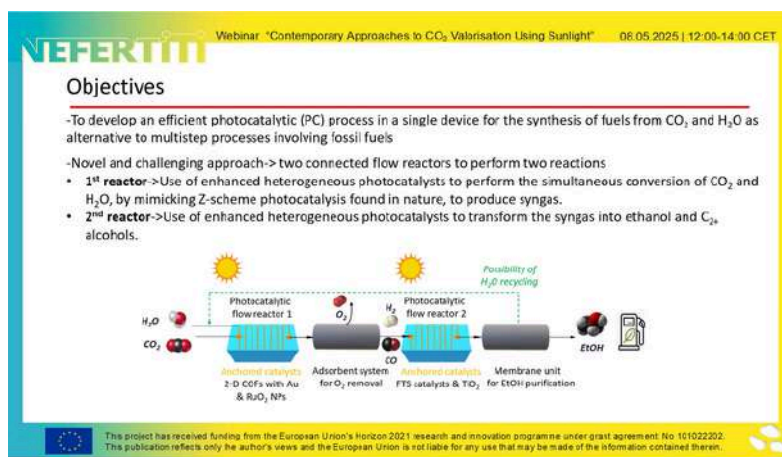
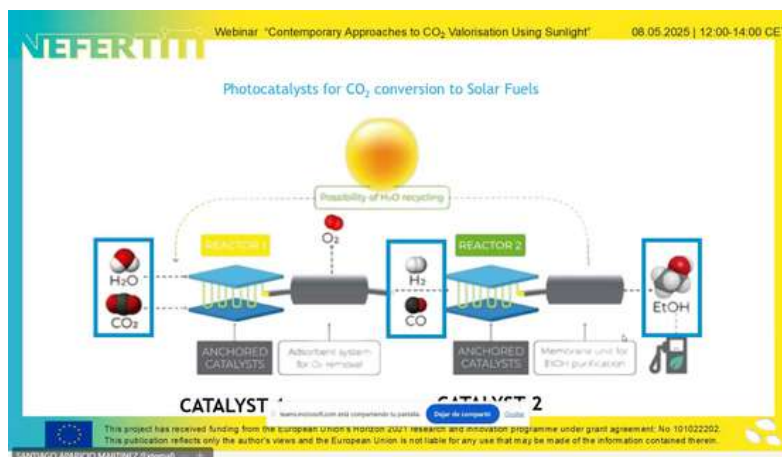


NEFERTITI SPREADS INNOVATION & KNOWLEDGE EXCHANGE

On May 8, 2025, the NEFERTITI project hosted a dynamic and engaging webinar that brought together a diverse community of students, researchers, and academics from across Europe and beyond.

The webinar kicked off with a warm welcome and a **comprehensive overview of the NEFERTITI project**, led by **LEITAT** and the project coordinator, outlining the project's mission to **advance sustainable technologies for CO₂ conversion and its achievements**.

This introduction set the stage for **two technically rich sessions** exploring innovative approaches.

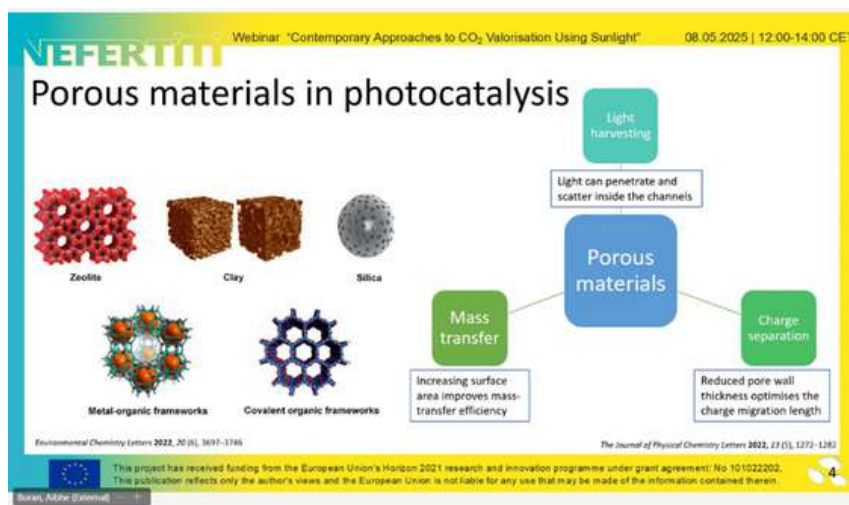




NEFERTITI SPREADS INNOVATION & KNOWLEDGE EXCHANGE

Two technical sessions followed:

- **Session 1: Innovative Materials for CO₂ Conversion** (led by the University of Burgos and University of Galway).



- **Session 2: Photoreactors & Light-Driven CO₂ Conversion** (CHEMTRIX, LEITAT and SOCAR).





STRENGTHENING SYNERGIES

NEFERTITI, LAURELIN, PHOTOSINT, and PHOTO2FUEL: Clustering Meeting

The **NEFERTITI**, **LAURELIN**, **PhotoSINT**, and **Photo2Fuel** projects teams recently came together for a productive clustering meeting focused on shared goals and future collaboration.

All four projects are united by a common vision: CO₂ valorization as a core focus, the strategic use of catalysis and renewable energy, and a strong emphasis on the production of green fuels.



Key opportunities identified include:

- ✓ Joint dissemination efforts to broaden outreach and increase public and stakeholder awareness.
- ✓ Co-hosted webinars to facilitate knowledge exchange and highlight shared challenges.
- ✓ Cross-participation in project-organized events to foster deeper collaboration and visibility.

We look forward to transforming these ideas into action and strengthening the connections between our teams.





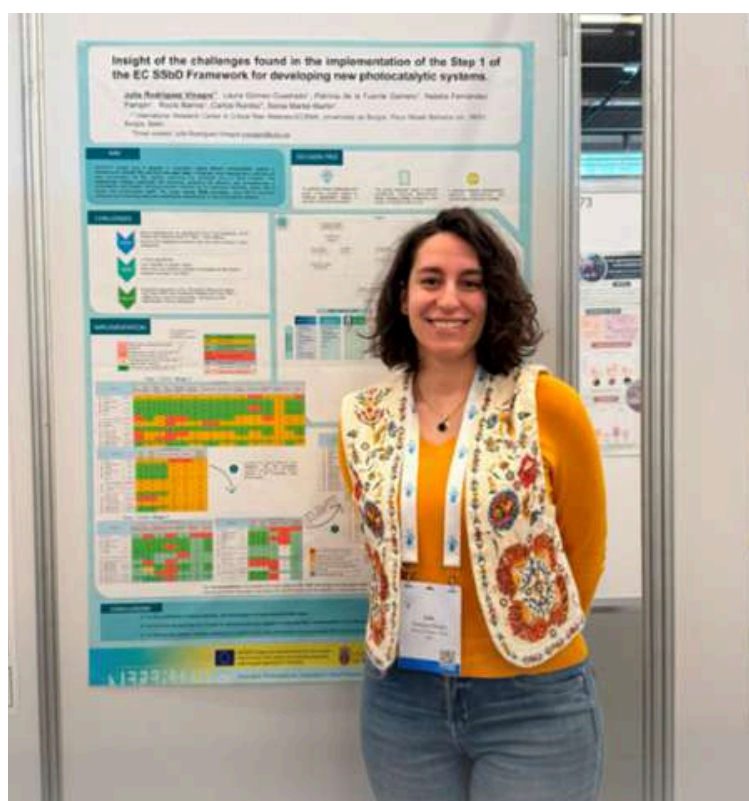
DISSEMINATION EVENTS

NEFERTITI Poster at SETAC Europe Annual Meeting in Vienna

Julia Rodríguez Vinagre from the University of Burgos had the opportunity to present NEFERTITI project poster during the **"Society of Environmental Toxicology and Chemistry (SETAC)"** Annual Meeting, which was held from May 11-15, 2025, in Vienna, Austria. This prestigious international event brought together more than 3,000 professionals working in **environmental science and chemical safety**.

During the conference, Julia presented a poster on the **NEFERTITI project**, contributing to the ongoing discussions around **innovative approaches to environmental safety and sustainable chemical management**.

The event provided an invaluable opportunity to connect with peers, share insights, and highlight the role of the NEFERTITI project within the broader scientific and regulatory landscape.





NEW JOURNAL PUBLICATION

“Manganese–rhodium nanoparticles: Adsorption on titanium oxide surfaces and catalyst for syngas reactions”

The article, **“Manganese–rhodium nanoparticles: Adsorption on titanium oxide surfaces and catalyst for syngas reactions”** has been published at the **“The Journal of Chemical Physics”**, by AIP Publishing!

The authors of the article are:

- P. A. Marcos
- N. Aguilar
- S. Rozas
- S. Martel
- A. Bol
- S. Aparicio

DOI:

<https://doi.org/10.1063/5.0215450>

PARTNER:

University of Burgos





NEFERTITI MOOC IS JUST A CLICK AWAY

If you haven't explored the NEFERTITI MOOC yet, don't miss the chance! Available for free on YouTube and Udemy.

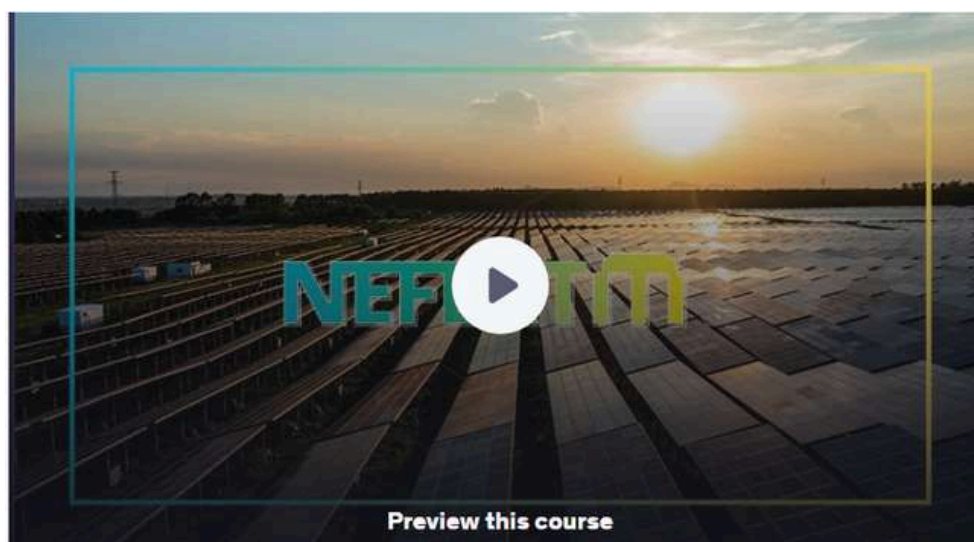
This course is designed to provide a comprehensive overview of the **project's mission**, and deliver **high-quality insights into the innovative approaches and technologies** that are being developed within **NEFERTITI Project**

YouTube playlist:

<https://www.youtube.com/playlist?list=PLc88uGJIRIFUODhS1zCZmgEqQGdglRYgx>

Udemy platform:

<https://www.udemy.com/course/towards-solar-fuels/>





ALWAYS CONNECTED ON:



<https://projectnefertiti.eu/>



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