



## EU–Japan research projects on sustainable transport display successful cooperation results in Tokyo

### PRESS RELEASE

Tokyo, 22 November 2023 –

EU-Japan research funded project LAURELIN – together with fellow projects [ORACLE](#) & [4AirCRAFT](#) - organized the first [EU-JAPAN research Cluster event](#) on “**New e-fuel production methods for sustainable transport**” on 22 November 2023 at the University of Tokyo (Hongo Campus - Sanjo Conference Hall).

In the presence of **H.E. Jean-Eric Paquet** – European Union Ambassador to Japan – and **Mr. Shigeo Morimoto** – Vice President of Japan Science & Technology Agency (JST) – researchers from the three projects exchanged knowledge and findings about their work in **2 roundtable discussions** on “**e-FUELS: challenges and opportunities**” and on “**Catalysts for a new generation of chemical reactors**”.

Both roundtables stressed the importance of **intensified overseas collaboration**, the **role of e-fuels** in a future-proof society and the need for **simplified administrative procedures** to ensure that scientists can concentrate in doing what they do best: research.

The event also highlighted how, considering the many challenges related to reducing worldwide greenhouse gas emissions, international cooperation among researchers on new e-fuels is essential to urgently find solutions for a more sustainable transport sector.

*“The three projects of today’s event will make major contributions to the European and Japanese clean tech revolution. The developments of these projects will inspire the ongoing discussion to include Japan in the EU research programme Horizon Europe” – **H.E. Jean-Eric Paquet, EU ambassador to Japan***



*Photo credits: Aliénor 2024*

**Ms. Maria Georgiadou** – Senior Expert of the European Commission’s Directorate-General for Research and Innovation – expressed her wish & expectation that the 3 aforementioned projects will bring new insights to novel fuel development.

The event was concluded by **Mr. Shigeo Morimoto**, Vice-President of the Japan Science and Technology Agency (JST), who welcomed these developments towards a more sustainable society.

*“Today’s event is testament to the success of the EU-Japanese Research Cooperation, and I believe that the discussion has been a great source of inspiration for further progression on this international cooperation” – **Mr. Morimoto, Vice-President of the Japan Science and Technology Agency (JST)***



*Photo credits: Aliénor 2024*

Involving universities, research organisations and SMEs from Belgium, Germany, Japan, the Netherlands, Spain and the United Kingdom, LAURELIN is a 48-month project funded by the European Union's Horizon 2020 programme and the Japan Science and Technology Agency (JST). Learn more about the LAURELIN project by visiting our [website](#) and watching the [project video](#).

More information about the event can be found [here](#).



*Photo credits: Aliénor 2024*

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## Note to the Editors:

[LAURELIN](#) is a 48-month project funded by the European Union and Japan. The project is coordinated by AIMPLAS (*Instituto Tecnológico Del Plástico*). The following partners form the project's consortium are:

- AIMPLAS: <https://www.aimplas.net/>
- Aliénor: <https://alienor.eu/>
- Instituto de Tecnología Química: <https://itq.upv-csic.es/>
- Fraunhofer – Institute for Chemical Technology: <https://www.ict.fraunhofer.de/en.html>
- Process Design Center: <https://www.process-design-center.com/>
- University of Tokyo: <https://www.u-tokyo.ac.jp/en/>
- Tokyo Institute of Technology: <https://www.titech.ac.jp/english>
- Universidad de Almería: <https://www.ual.es/>
- University College London: <https://www.ucl.ac.uk/>
- University of Manchester: <https://www.manchester.ac.uk/>

Methanol is a biofuel that has many desirable attributes which make it an excellent spark-ignition engine fuel: high octane contribution, easy distillation, lower boiling temperature for better fuel vaporisation and improved efficiency. Methanol obtained from industrial captured CO<sub>2</sub> and green hydrogen can reduce carbon emissions by up to 95% compared to conventional fuels.

## Social media:

Twitter: [https://twitter.com/LAURELIN\\_EU](https://twitter.com/LAURELIN_EU)

LinkedIn: <https://www.linkedin.com/company/laurelin-eu>

The **project video** is available here: <https://youtu.be/L6f4-K6F7V8>

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The LAURELIN project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n. 101022507. It reflects only the author's view. The Agency is not responsible for any use that may be made of the information it contains.





This research is supported by the Japan Science and Technology Agency (JST) under the SICORP program (grant no. JPMJSC2101).