

Join our Community

Follow the project, receive news and event updates, and hear about opportunities to engage with Green-Mem research and activities.



SCAN TO JOIN

The QR code opens the Green-Mem community sign-up form.

www.green-mem.eu



CONSORTIUM PARTNERS



This project has received funding from the European Community's Horizon-MSCA-2024-SE-01 under grant agreement no. 101299479.

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union. Neither the European Union nor the granting authority can be held responsible for them.

Marie Skłodowska-Curie Actions
Staff Exchanges



Pioneering Membrane Solutions for a Sustainable Future



Bio-based materials. Safer processes.
Cleaner separations.

HORIZON EUROPE · MSCA STAFF EXCHANGES

Why Green-Mem?



Membrane technologies are essential for water treatment, industrial separation and resource recovery. Yet many conventional membranes rely on fossil-based materials, hazardous solvents and processes that make reuse and end-of-life management difficult.

Green-Mem is working to make membrane technology cleaner from the very beginning.

A greener membrane pathway



Researchers and innovation staff will combine expertise across materials science, membrane engineering, environmental chemistry, machine learning, circularity and commercialisation.

- Bio-based and biodegradable polymers
- Functionalised natural fibres
- Safer solvents and green chemistry
- Machine learning for membrane design
- Reuse, recycling and end-of-life strategies
- Life-cycle and techno-economic assessment

What Green-Mem is delivering



Green-Mem aims to advance sustainable microfiltration and nanofiltration materials and processes, helping reduce dependence on fossil resources and supporting cleaner, more circular separation technologies.

- New knowledge and transferable methods
- More sustainable membrane materials
- Stronger links between academia and industry
- International and intersectoral skills exchange
- Progress towards clean water and circularity goals