

To transform – We innovate ReOil® – OMV's proprietary chemical recycling technology @ industrial scale

Eva Maria Plunger, Advisor Innovation Funding, OMV AG, Innovation & Technology Nationaler Informationstag zum EU-Innovationsfonds 23. Jänner 2025 OMV is a global **energy** and **chemicals group**. We aim to become a **leading supplier** of **sustainable fuels**, **chemicals**, and **materials** by 2030.

Sustainability and circular economy solutions are at the core of our strategy. Our goal is to be climate neutral by 2050 at the latest.

39 billion EUR in sales 21k

Employees



One of the largest industrial companies in Austria



Transformation through innovation: Three strong integrated pillars delivering an integrated sustainable chemicals, fuels and energy company



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Fuels & Feedstock Innovation towards sustainable base chemicals and aviation fuels

Process Technology Development for Biomass and CO₂ Conversion towards Olefins and Sustainable Aviation Fuel (SAF)

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Feedstock characterisation

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Fundamentals to **application**

Process design

03



Applying existing and new technologies to unlock geothermal energy potential



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ReOil®

Chemical Recycling

At OMV Group, Circular Economy is at the core of our strategy as demonstrated by our investments and partnerships



Chemical Recycling can contribute to achieving recycling targets, providing virgin quality chemicals and reducing GHG emissions

- Chemical Recycling must be in safe hands by refinery/petrochemical or chemical industry
- Chemical Recycling is in the heart of refinery and petrochemical processes
- Chemical recycling as complementary technology to mechanical recycling, has the potential to keep valuable carbon in the loop and thereby contribute to achieving EU recycling targets
- By chemically recycling end-of-life plastics, virgin-quality chemicals for sensitive application fields such as food packaging can be produced
- Chemical recycling can contribute to reducing GHG emissions in comparison to incineration of plastic waste (peer reviewed LCA demonstrate ~ 34% GHG saving based on ReOil®)



The pioneering journey of OMV's chemical recycling and its unique experience will enable the global scaling of the technology

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The ReOil[®] process in a nutshell...



ReOil[®] 2000



Refinery Integration **Post-Treatment** (Primary, Secondary, Auxiliaries) Pyrolysis Condensation Wax Treatment

Input Bunker Storage









Innovation Fund application

Process and learnings







- Evaluate in detail and decide early (already well before call opening) on applying for the IF
- Commitment of internal stakeholders to hand in a proposal is a must
- Secure resources internal and external - not only for the application
- Actively use support and ask questions (EC / CINEA webinars, Q&A...)

- Early information and outlook on future calls helps to plan applications, communication of successful projects
- GaaS, AaaS: Helps to streamline formal requirements and application processes
- Guidelines, GA and templates available & aligned
- Communication / publication of program information, results, consultations and future funding opportunities



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