

RE4Industry

Project progress

Check our interactive map tool



Launched in September 2020 and funded by the Horizon 2020 research and innovation programme, RE4Industry aims to facilitate a smooth and more secure transition to the adoption of **Renewable Energies (RE) for the Energy Intensive Industry (EII) sector in Europe.**

Engagement of target and key actors

RE4Industry network brings together more than 85 stakeholders from different backgrounds structured into national and EU levels.

Employing a mix of the currently available and economically feasible technologies is crucial for a substantial reduction in emissions, as there is no silver bullet solution.

Innovative solutions for RE adoption in EIs

3 Case studies took place with the projects' industrial partners. Multiple solutions were considered for specific energy consumptions, and a couple in common were selected:

- > Use of biogas/biomethane to substitute natural gas.
- > Use of green hydrogen (currently unavailable but receiving worldwide attention due to its applications).

Four Knowledge Transfer Seminars will be organized in Austria, Finland, Romania and Croatia. Learn more on ESEIA's website.

#RE4IndustryKTSeminars

Best practices for RE integration in EIs

An interactive tool that allows users to check the carbon emissions of a specific facility, sector or country was developed and is available [here](#).



Energy solutions for EIIs decarbonisation through RE

Decarbonisation technologies were analysed for two types of processes: **Renewable heat (RH)** and **Renewable power (RP)**. **RH** stands at a **higher** technology readiness level (**TRL**), but some solutions still require significant R&D. **RP** is less attractive for EIIs since it can be procured via power purchase agreements. We are therefore **assessing synthetic fuels** to be produced **through captured residual CO2 conversion** (a group of technologies with low TRL).

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RE4INDUSTRY
Renewable energies for industries