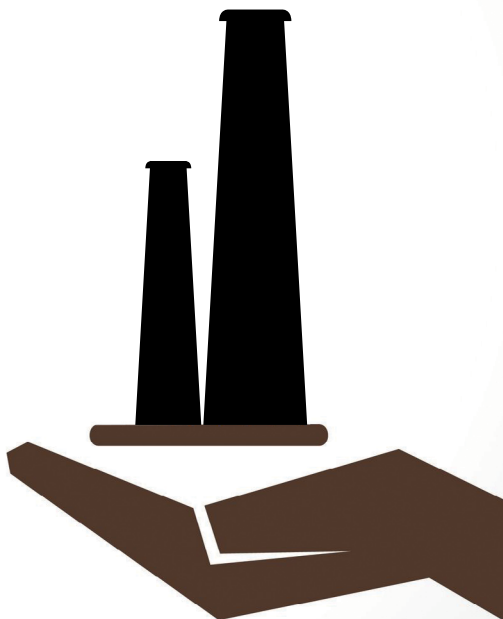


IndustRE



Using the

flexibility potential

*in energy intensive industries to
facilitate further grid integration of*

**variable renewable
energy sources**





Introduction to **IndustRE**

The flexibility potential of large industrial users' electricity demand presents an opportunity to deal simultaneously with two issues at the top of the European energy policy agenda:

- Cost-effective integration of variable renewable electricity into the power systems of Europe
- The rising cost of electricity and its effects on the competitiveness of European industry

Project Aims

Within the **IndustRE** project, the electricity-intensive industries of Europe work closely with the renewable energy sector in order to promote innovative business models and regulatory improvements that create win-win situations. The project aims to:

- Present suitable business models and facilitate their adoption
- Formulate policy recommendations
- Quantify the potential benefits for the power system
- Move industry and variable renewable energy plant operators into action

Two aims within two timeframes

 **2020**

Practical tools for immediate impact

 **2030**

Quantify potential leading to regulatory improvements

IndustRE Focus

The project will be relevant to all industries in Europe, with the key focus on:



Chemicals



Non-ferrous metals



Steel



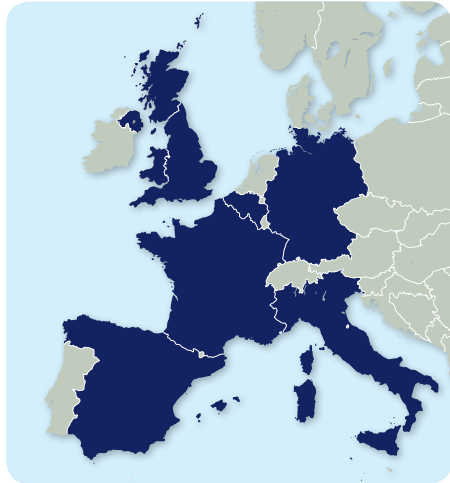
Cold storage



Water treatment

These five sectors - with 302 TWh/year - represent around **10%** of Europe's total electricity consumption.

The project will apply to all European countries, with particular focus in Belgium, France, Germany, Italy, Spain and the UK. These six countries represent more than **65%** of the EU population and almost **80%** of Europe's installed wind and PV capacity.



IndustRE Team



Get involved



Large industrial electricity users and variable renewable energy plant operators:

Get involved in the creation of innovative business models. Be among the first to benefit from:

Tools for assessing the flexibility of your industrial units and their market value

Model contracts that facilitate bilateral agreements for the application of innovative business models



Consultancies, professional and service providers:

Learn how to apply the industrial flexibility assessment methodology in your country and industrial sector.



Power market actors, regulators and policy makers:

Help formulate improvements to the market and regulatory framework - respecting the main European and national energy policy principles - with quantified benefits for the power system.

Get in touch

Project Coordinator:

Thomas Maidonis
WIP Renewable Energies
Sylvensteinstr. 2, 81369 Munich, Germany
TEL: +49 89 720 12 720
EMAIL: thomas.maidonis@wip-munich.de



This project has received funding from the European Union's Horizon2020 Programme under grant agreement No 646191.

Visit our website.
Watch our video.



www.IndustRE.eu