

1.5°C pathways project

Emissions reduction pathways project for EU Member States

DESCRIPTION

The project will identify and communicate on how nine EU Member States should contribute to limiting global temperature increase to 1.5°C, following the safest pathways identified in the IPCC's Special Report on warming of 1.5°C. For each of the nine Member States, the project will distil a country-specific emission reduction pathway.

The 1.5°C pathways project is based on the key assumptions of the Paris Agreement Compatible (PAC) energy scenario published by Climate Action Network Europe and the European Environmental Bureau in June 2020. It achieves 65% cuts in greenhouse gases (GHG) by 2030 and net zero emissions by 2040 in the EU.

AIM

Unite NGOs and science to co-develop new country specific 1.5°C compatible scenarios, taking into account latest data and analyses on policies and technologies.

Integrate ambitious sustainability criteria for the EU and the nine Member States when exploring opportunities to reach net zero emissions by 2040.

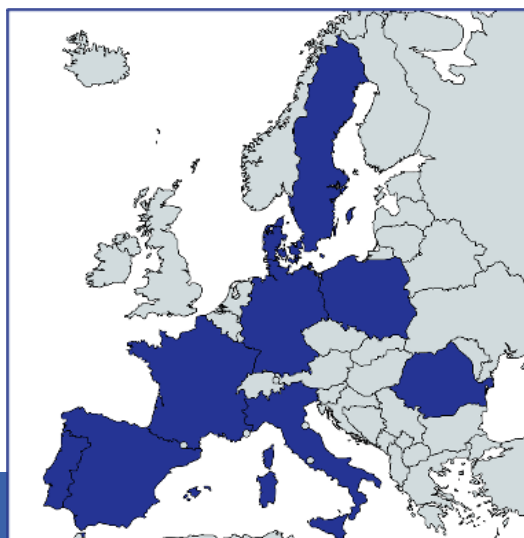
Translate the existing civil society-led PAC scenario into country-specific climate and energy scenarios, allowing national NGOs to use it as a benchmark and monitoring tool.

OUTCOME

The project will generate national scenarios for Sweden, Denmark, Germany, France, Spain, Italy, Poland, Portugal and Romania, being amongst the biggest emitters in the EU27 and also characterising the diversity across the EU. An EU wide scenario covering all energy and non-energy related emissions will also be developed.

The project will identify milestones in terms of greenhouse gas reduction pathways needed in different sectors, related to different gases, as well as provide guidance to the phase-out of fossil fuels and mobilisation of energy savings and sustainable domestic renewable energy sources.

- Europe wide 1.5°C pathway
- 9 focus countries pathways



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