

# e-shape: Introduction of the Showcase Renewable Energy

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Learn more here:













Showcase "Renewable Energy"

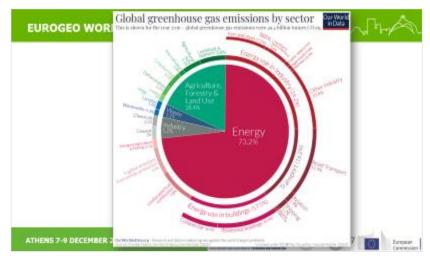
The Context

Energy production sector:

34 % of the total net emission of GHG

Approx. 20 GtCO2<sub>eq</sub>/y

 The different potential contributors to GHG reduction (IPCC, 2022)

















Showcase "Renewable Energy"
The Context

#### **The UN Sustainable Development Goal 7**

- 7.1: ensure universal access to affordable, reliable, and modern energy services
- 7.2: increase the share of renewable energy in the global energy mix











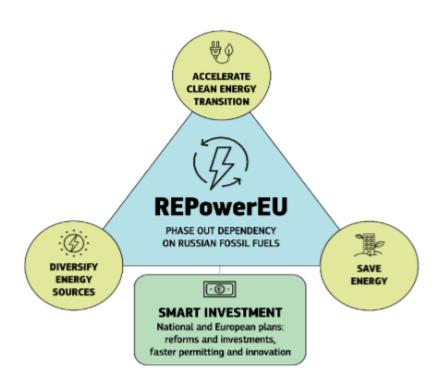


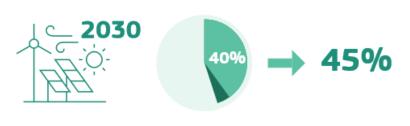






RePowerEU: European Commission's plan to end of dependency on Russian fossil fuel imports





**GOING FASTER AND FURTHER WITH CLEAN ENERGY PROJECTS** 





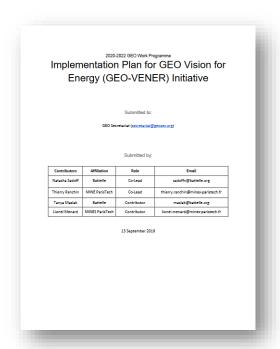






# Showcase "Renewable Energy"

- To provide innovative and mature products and services for renewable energy development and management,
   leveraging European EO resources
  - · Enabling collaborations between research centers and private sector
  - · Engaging data providers and end-users
- Contributions to :
  - The GEO Initiative GEO-VENER (GEO Vision for Energy)
  - The UN Sustainable Development
     Goal 7

















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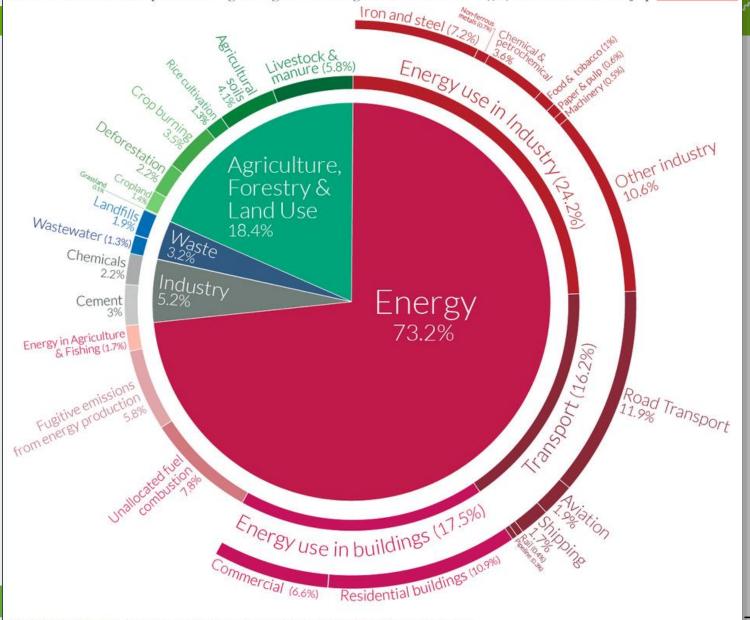


# **EUROGEO WOR**

# Global greenhouse gas emissions by sector

This is shown for the year 2016 – global greenhouse gas emissions were 49.4 billion tonnes CO₂eq.







# **EUROGEO WORKS**

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