





Empowering Municipalities for a Low-Carbon Future

CommitClimate

Igor Krupenski Enerhack, CEO



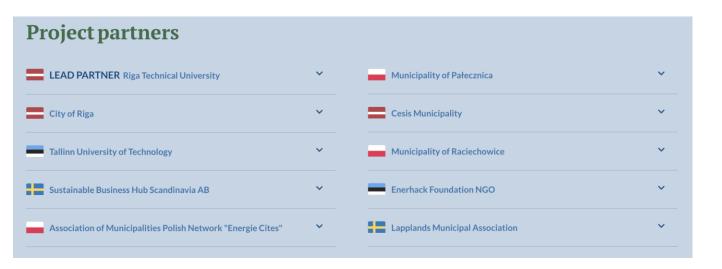








https://interreg-baltic.eu/project/commitclimate/





in numbers.

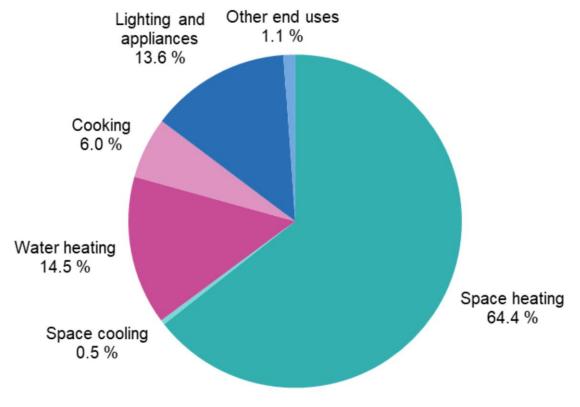


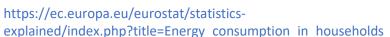
The Decarbonization Challenge for Local Governments

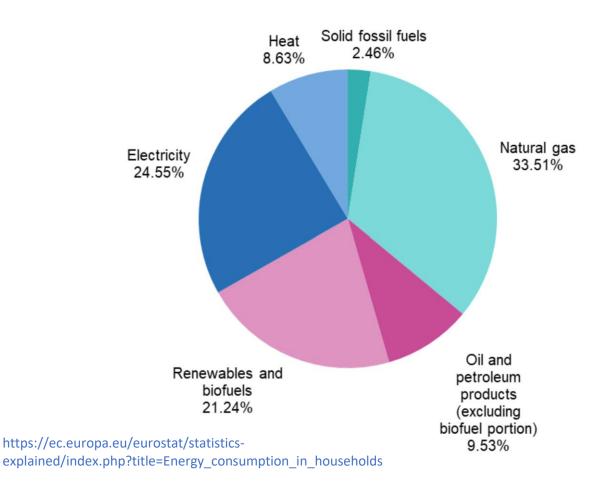
- Municipalities face significant challenges in reducing their carbon footprint, particularly in managing energy consumption for heating.
- CommitClimate equips local governments with the tools they need to create effective energy and climate action plans, simplifying the process of calculating emissions and planning for future reductions.
- Heating, especially district heating, accounts for a significant portion of local emissions, with 64.4% of residential energy consumption in Europe going toward space heating.
- By improving thermal energy efficiency and integrating renewable sources like biomass and waste heat, municipalities can make significant progress toward their climate goals.



Why Heating is Key to Decarbonization









Challenges in Estimating Carbon Emissions

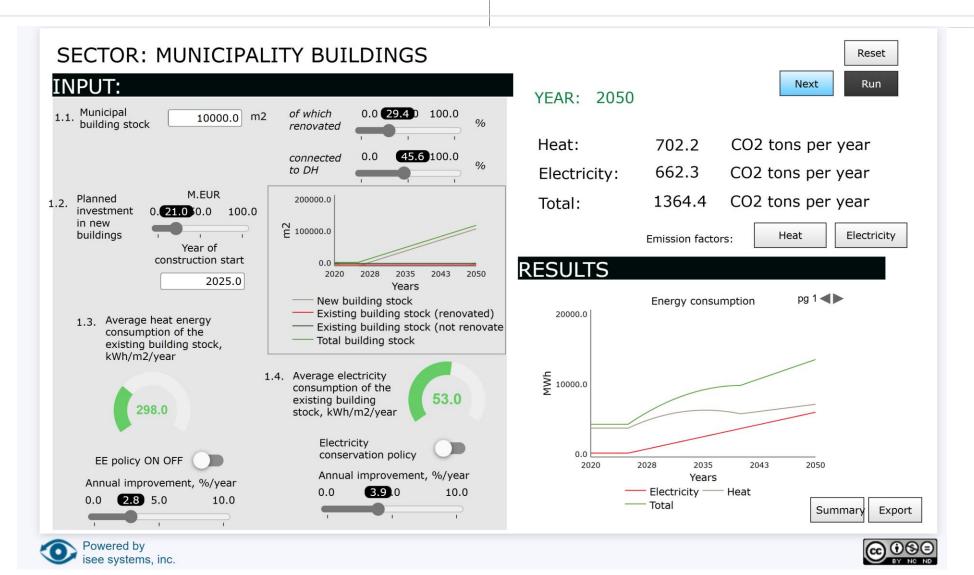
- Municipalities often struggle with the complexity of gathering accurate data and conducting comprehensive emissions calculations.
- CommitClimate's user-friendly simulation tool simplifies this by automating calculations and providing detailed insights, even for non-technical users.
- CommitClimate provides an easy-to-use simulation tool that helps municipalities calculate their current carbon footprint and model future emission reduction scenarios.
- The tool allows users to input data on heating systems, energy consumption, and renewable energy sources to see how different strategies affect overall emissions



Challenges in Estimating Carbon Emissions

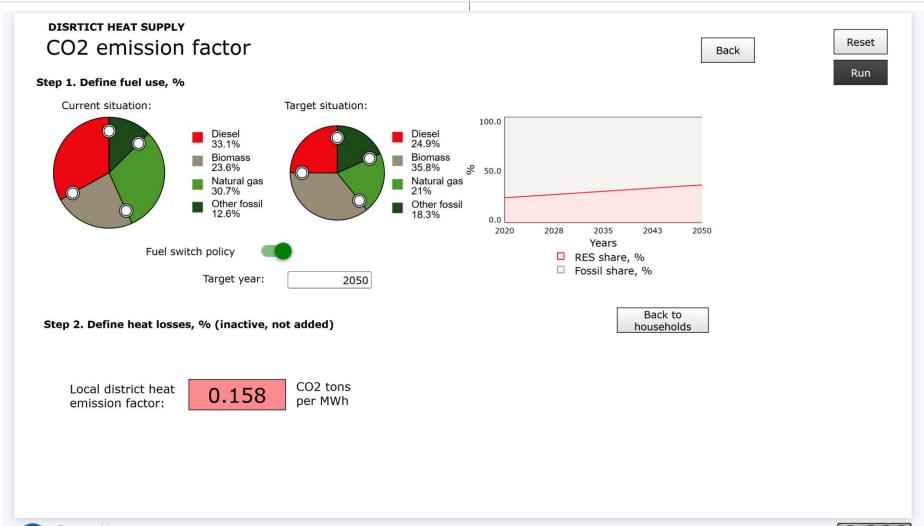
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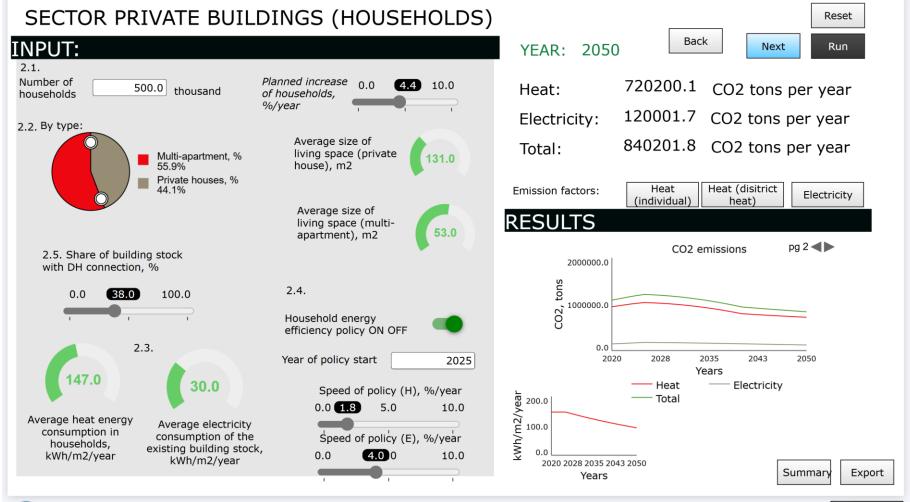




isee systems, inc.









isee systems, inc.





Challenges in Estimating Carbon Emissions

- These were only a few of the Tool's features.
- The Tool allows to calculate the CO2 emissions from Heat and Electricity production in the following sectors;

MUNICIPALITY BUILDINGS
PRIVATE BUILDINGS (HOUSEHOLDS)
PRIVATE BUILDINGS (OTHER)
Others (Public lighting, water management, agriculture)
MUNICIPALITY FLEET
URBAN PASSENGER TRANSPORT (Public and private)



Adaptability for Different Regions

- The CommitClimate tool can be customized to suit different regional needs, whether municipalities are in cold or warm climates, and can incorporate various renewable heating solutions.
- This adaptability ensures that local governments can tailor their plans to meet both their environmental goals and regional energy realities.
- CommitClimate supports long-term energy planning by providing reliable data and insights for decision-makers.
- By focusing on thermal energy efficiency and integrating renewable energy sources like biomass or waste heat, municipalities can significantly reduce their carbon footprint."







Thank You for your attention!

