

# EUCalc project and modeling approach

Hannes Warmuth ÖGUT Judit Kockat BPIE

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*Expert Consultation on Scenarios for Decarbonising European Industries* 



## Overview



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 730459.

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# Calculator family and partners www.european-calculator.eu





# **Overview**

<b>Official title:</b>	EU Calculator: trade-offs and pathways towards sustainable and low-carbon European Societies
Acronym:	EUCALC
Funding:	European Union's Horizon 2020 research and innovation programme (contract no. 730459)
Instrument:	Research and Innovation Action (RIA)
EU contribution:	5,283k€
Duration:	3 years
Start Date:	1st November 2016
URL:	www.european-calculator.eu
Sister Projects:	REINVENT and INNOPATH



# Uses of the EU Calculator



#### Facilitate negotiations e.g. on burden sharing



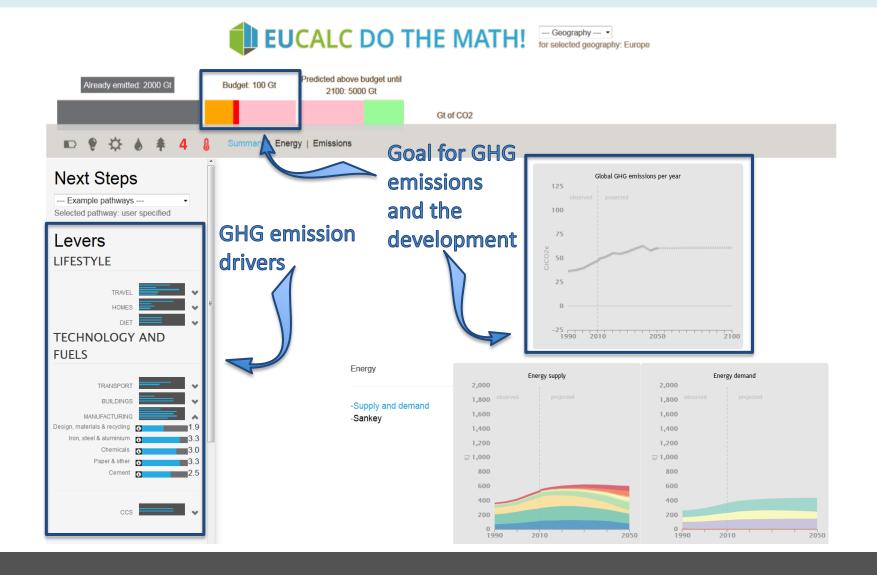
**Compare** sector contribution

#### Educate

on points of emission and root causes

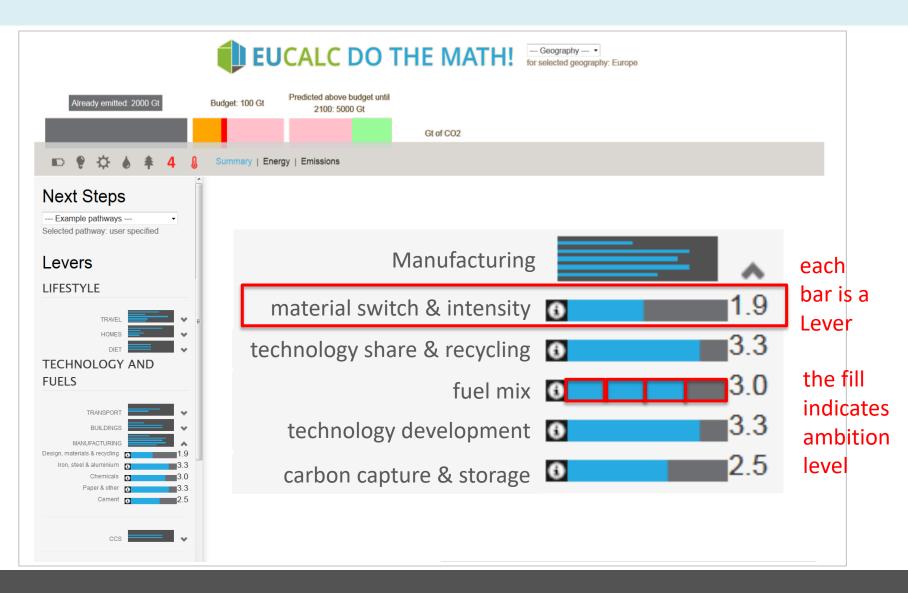








# Levers in Manufacturing



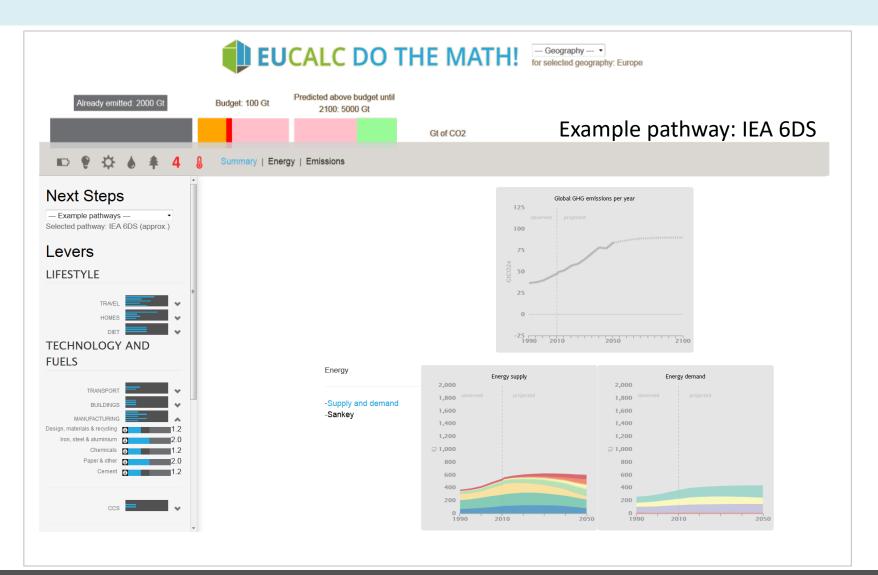


# **Ambition Level Definition**

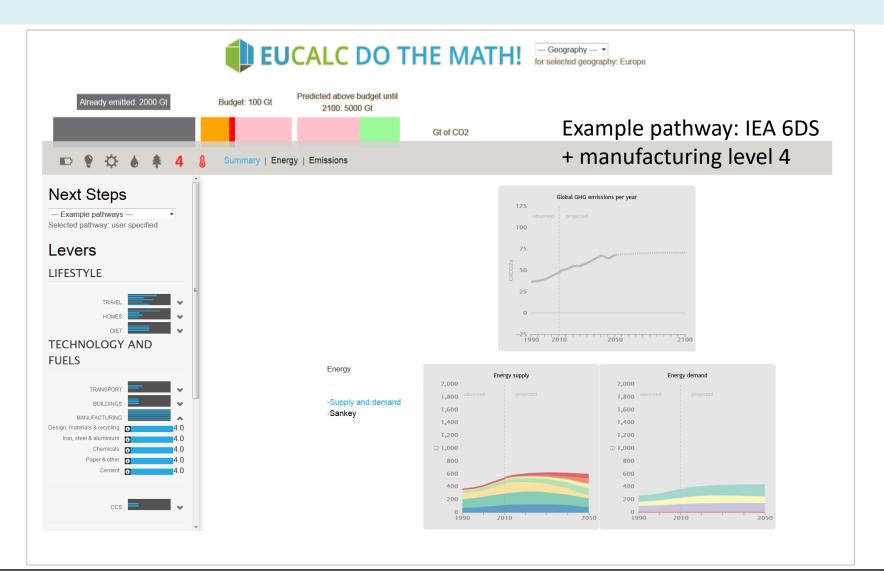


**Increasing abatement effort** 

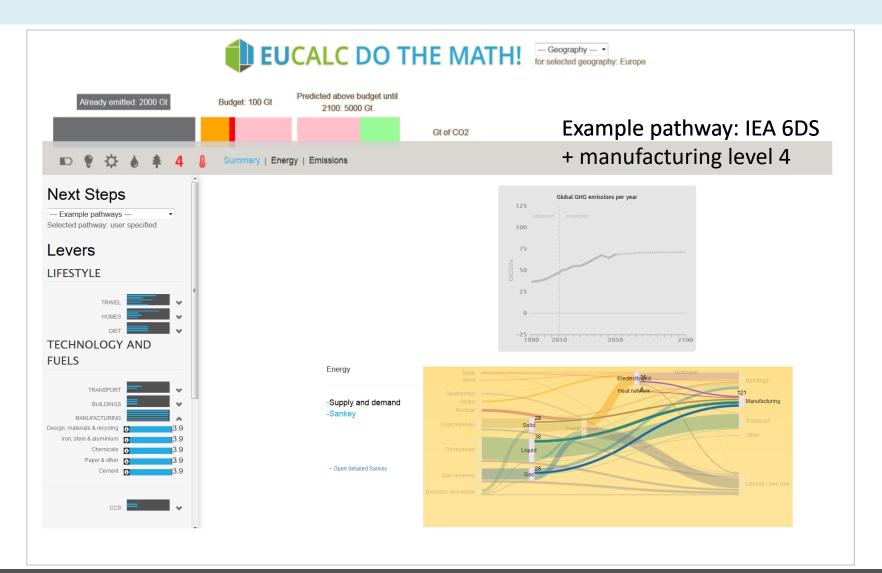




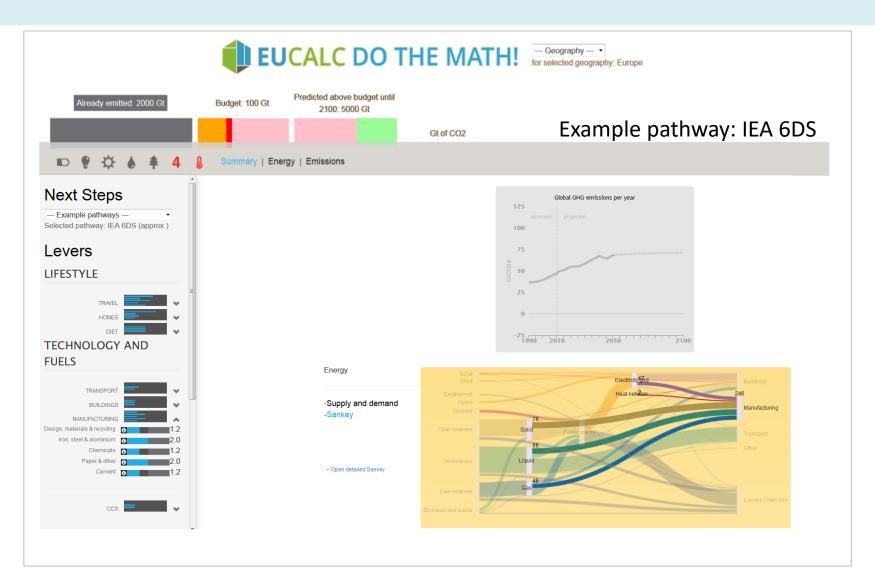














#### EUCalc Model behind the Transition Pathway Explorer

EUCalc Model is logic behind provides

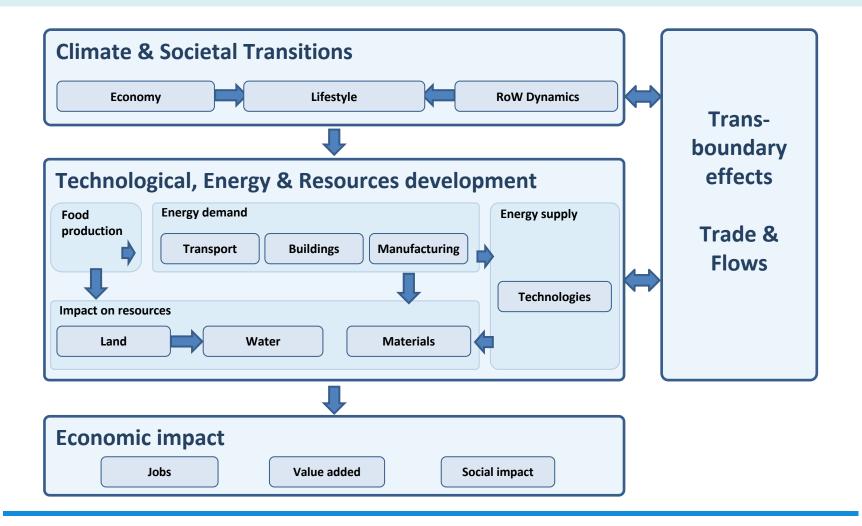
- results based on user input
- integrates the

   transboundary effects
   between EU & RoW,
  - interlinkages
    between sectors,
    such as buildings
    and industry





# Structure of the EU Calculator





#### Co-design we need your expertise

Reflections on the model

User perspective

Verification of approach and data for buildings





# **Ambition Level Definition**



**Increasing abatement effort** 



#### Judit.kockat@bpie.eu

# THANK YOU FOR YOUR ATTENTION.





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