

# Climate policy impacts: State of modelling in Poland

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## MAIN FINDINGS FOR POLAND

- ▶ There is a number of analytical centres and modelling tools (more than 8 centres and 13 modelling tools)
- ▶ Main models developers are: World Bank, WISE-Europa, Energsys, NBP, ARE, AGH, KOBiZE/CAKE, KAPE, KPRM, MF
- ▶ But...
  - ▶ Lack of coherent and comprehensive analytical toolkit for different areas of Climate & Energy policy.
  - ▶ Lack of transparency of modelling tools: models construction and assumptions, models development and data quality information etc.
  - ▶ Lack of effective communication of modelling results between modellers and policymakers

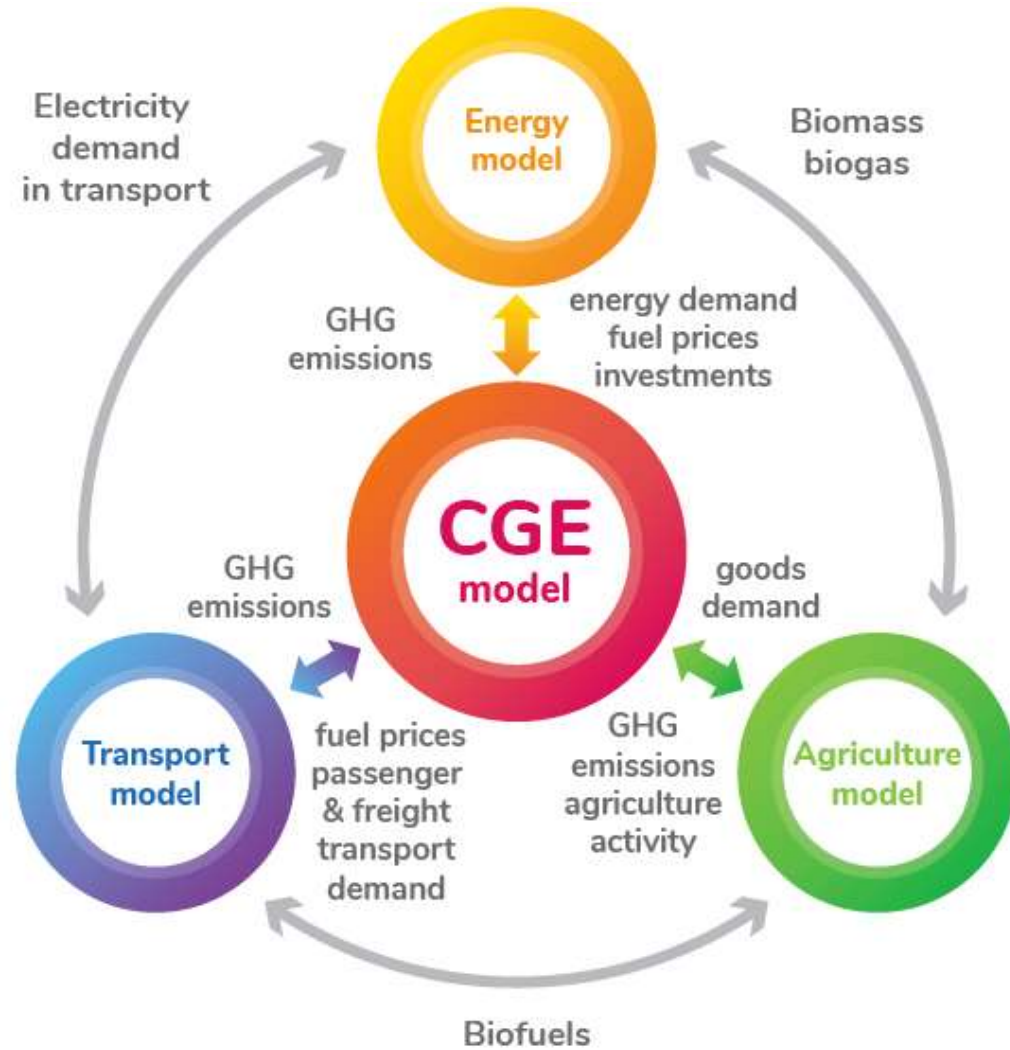
## POLICY AREAS WHERE MODELLING SUPPORT IS NEEDED:

- ▶ National Climate and Energy Plans (Governance Regulation)
- ▶ Analysis of policy and measures (PaMs) under international climate obligations
- ▶ Need for analysis for domestic purposes (ex. Energy policy)
- ▶ Impact of EU ETS on domestic firms, employment and households

# LIFE CLIMATE CAKE PL PROJECT

- ▶ The general objective will be achieved through a set of goals:
  - ▶ Building a comprehensive and consistent analytical toolkit for assessing the measures proposed at the levels of Member States and the EU, including their sectoral dimension.
  - ▶ Developing a high-quality information about the impacts of measures implemented and planned under the EU energy and climate policies, and providing it to public administration.
  - ▶ Raising the environmental awareness of the public, with particular consideration given to the addressees of climate and energy policies, through wide dissemination of high-quality information.
  - ▶ Centre for Climate and Energy Analyses (CAKE) is established to guarantee the sustainability of the Project. CAKE is a comprehensive and sustainable team, which, using and developing the analytical toolkit created in the Project, the stakeholder network and distribution channels, will continuously generate and provide to its addressees knowledge in order to assist them in decision-making.

# LIFE Climate CAKE PL - ANALYTICAL TOOLKIT



# WHY THIS PROJECT IS IMPORTANT?

## ▶ National level:

- ▶ Importance of good quality information in decision making process
- ▶ Lack of national analytical tools and analysis on the impact of the Climate & Energy policy.
- ▶ Expectations and needs of entities involved in policy implementation at the national and European level (including negotiations with partners within the EU)
- ▶ Involvement of in-house knowledge and experiences in this area.
- ▶ Quantitative projections to be applied in and produced by models will have a potential to improve data reported by Poland to both EU and UNFCCC databases/registries.

## ▶ European context:

- ▶ The speed of development of EU Climate & Energy policy
- ▶ Increased level of ambition in this area
- ▶ Inadequate representation of national specificities in the analysis of the impact of proposed policies and measures



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# Thank you!

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