

## The challenges of transformation in the perspective of achieving the climate neutrality goal of Poland and the European Union by 2050

21 June 2022, 10:00 - 16:30

ADN Conference Centre, Warsaw Breweries, Building GH; Entrance B  
Grzybowska 56 | Warsaw

The ambitious mid-century goal of climate neutrality in the European Union, featured in the European Green Deal, has been consistently pursued. Presently, the regulatory Fit for 55 package is being processed as part of the path to this target. This work must go hand in hand with an in-depth impact analysis, finding a way to fairly share efforts, and developing measures to mitigate the impact on the Community citizens.

Apart from the obvious challenges of implementing such an ambitious policy, the European Union is faced with additional circumstances that are of significant importance to the climate and energy policy, an unprecedented geopolitical and critical situation related to Russia's invasion of Ukraine. The consequences include the rapidly growing independence of Europe from natural gas of which 40% imports to the EU comes from Russia and in 2021, all energy carriers accounted for 62% of EU imports from Russia. This raises many questions not only about the form of both the EU's Green Deal and "Fit for 55" package but on the entire energy transformation of the EU in general. In particular, because natural gas has been recognized as a transition fuel which was supposed to help Member States meet the EU's ambitious reduction targets.

European Commission has just announced REPowerEU - plan outlining the EU's path to energy independence from Russian fossil fuels by 2027 with a 2/3 cut in Russian gas consumption by the end of 2022. This new reality imposes a necessity to use more renewable electricity generation and technology, hydrogen, biomethane or biogas and would be an enormous challenge for the EU and Member States in the context of achieving the climate neutrality goal by 2050 in the most cost effective way.

The main scope of the event includes discussing the challenges of economy transformation in the perspective of achieving the climate neutrality goal by 2050 in Poland and in the European Union. The CAKE's latest research findings as well as analytical contributions from other stakeholders will serve as the background for this discussion. Panellists will focus on sectoral transformation towards climate neutrality and challenges of energy-intensive sectors and directions of changes in the Polish heating sector in the context of the EU climate policy.

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## Agenda

**09:30 - 10:00** Registration and welcome coffee

**10:00 - 10:40** Welcome & Keynote speeches

**Adam Guibourgé-Czetwertyński**, Undersecretary of State, Ministry of Climate and Environment, Poland

**Jos Delbeke**, European University Institute, EIB Chair on Climate Change Policy and International Carbon Markets

**Krystian Szczepański**, Director, Institute of Environmental Protection - National Research Institute (IOŚ-PIB)

**10:40 - 10:50** LIFE Climate CAKE PL project in the context of the challenges of the EU climate and energy policy

**Robert Jeszke**, Head of the Centre for Climate and Energy Analyses (CAKE) & Strategy, Analysis and Auction Unit (KOBIZE/IOŚ-PIB), Coordinator of LIFE Climate CAKE PL project

**10:50 - 13:25** Sectoral transformation towards climate neutrality in Poland and the European Union

The Fit for 55 in the context of the REPowerEU – **Tom van Ierland**, Head of Unit – Low Carbon Solutions (I): Montreal Protocol, Clean cooling & Heating, twin transitions, DG Clima, European Commission

Sectoral transformation towards climate neutrality - presentation of the latest CAKE/KOBiZE analysis results – **Maciej Pyrka, Igor Tatarewicz, Wojciech Rabiega, Adam Wąs**, CAKE Experts

Financing the transformation towards a low and zero carbon economy – **Marcin Jamiołkowski**, Deputy Director of External Funds Department in the National Fund for the Environmental Protection and Water Management

Challenges and directions of changes in the Polish heating sector based on the experience of KAPE – **Zbigniew Kidawa, Director of Sales** in the Polish National Energy Conservation Agency (KAPE)

**13:25 - 14:25** Lunch

**14:25 - 16:00** Panel discussion: Challenges of economic transformation in the perspective of achieving the climate neutrality by 2050

**Adam Guibourgé-Czetwertyński**, Undersecretary of State, Ministry of Climate and Environment, Poland

**Liv Rathe**, Director Norsk Hydro

**Wanda Buk**, Vice-President for Regulatory Affairs, PGE S.A.

**Monika Morawiecka**, Regulatory Assistance Project (RAP)

**Tomasz Zieliński**, President of the Board, CEO at Polish Chamber of Chemical Industry

**Aleksander Rajch**, Member of the Management Board Polish Alternative Fuels Association (PSPA)

**Moderator: Robert Tomaszewski**, Head of PI Energy, Polityka Insight

**16:00-16:30** Questions & Conclusion: **Robert Jeszke**, Head of the Centre for Climate and Energy Analyses (CAKE) & Strategy, Analysis and Auction Unit KOBIZE/IOŚ-PIB, Coordinator of LIFE Climate CAKE PL project