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Approach

Our work was devoted to the labour market implications of the coal transition in Silesia – Europe’s largest hard coal region. Departing from the tipping and branching point concepts, we studied the coal transition in the context of structural and labour supply changes – treating the first agreement between government and trade unions about coordinated coal phase-out and just transition financing (2021) as a tipping event, leading to the potential positive regional development trajectory.

Data and methods

- Registry data on mining and mining-related employment
- 20 interviews with main stakeholders
- 2 co-creation workshops with 55 various stakeholders
- 2 field trips, including the surroundings of all active mines
- DSGE modelling (MEMO model)

Contribution

- Providing mining employment projections combined with state energy policy, emphasising critical moments during coal exit
- Measuring scale, structure, and range of indirect employment using a novel bottom-up approach
- Reflecting on the labour market consequences of a carbon tax as a potential trigger of decarbonisation in Poland and Greece
- Deconstructing regional understanding of *just transition*

Policy impact

- Suggestions and comments for the TJTP consultations (2020)
- Supporting World Bank Jobs Group works in Silesia (2021–2022)
- References to IBS works in regional policy documents (2022)
- Invitation to the Regional Council of Just Transition (2023)

Dissemination activities

Global Tipping Points Conference
University of Exeter (12-14/09/2022)



Author: J. Otis-LaPerrière

Workshop with regional policy stakeholders
in Warsaw (12/01/2023)



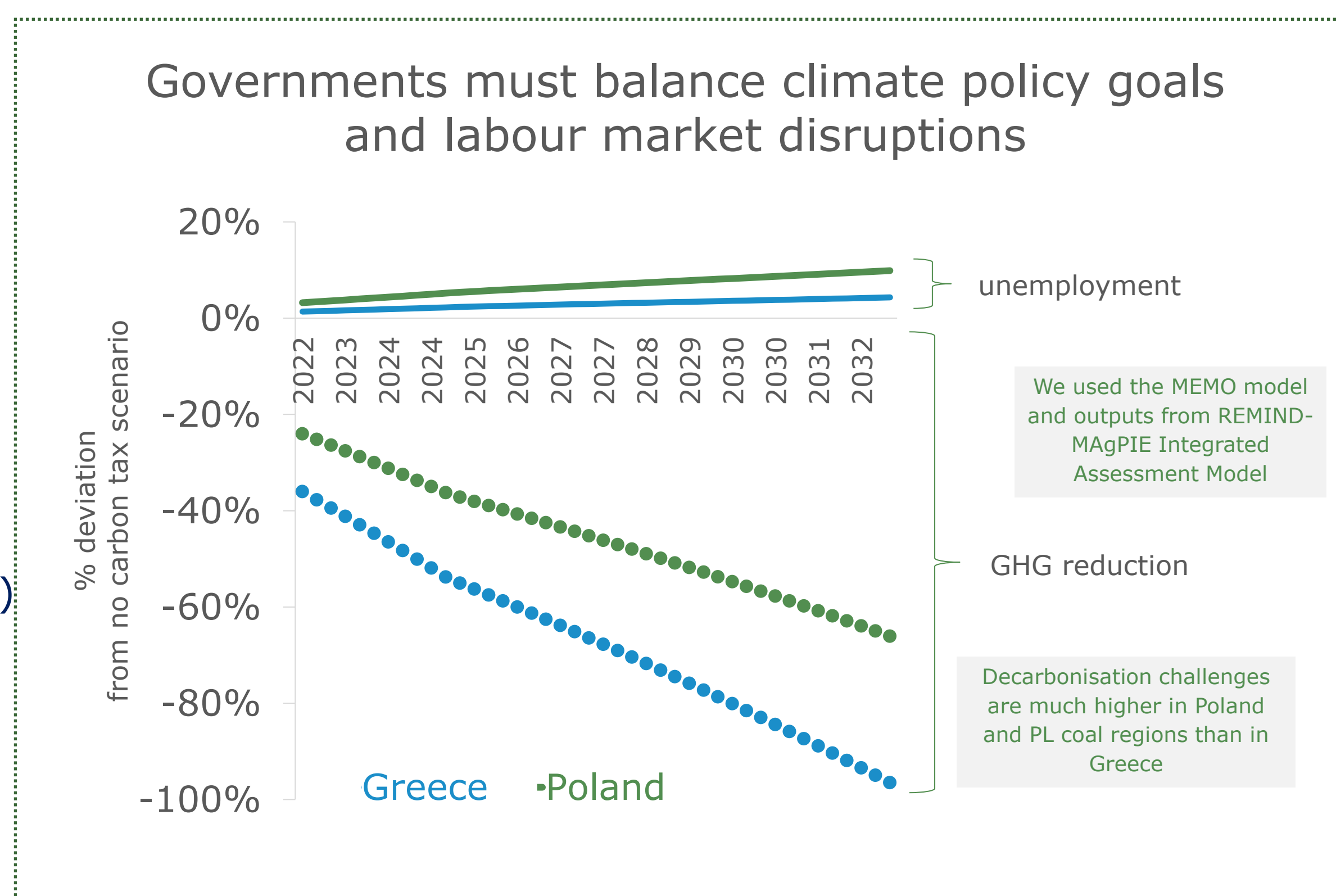
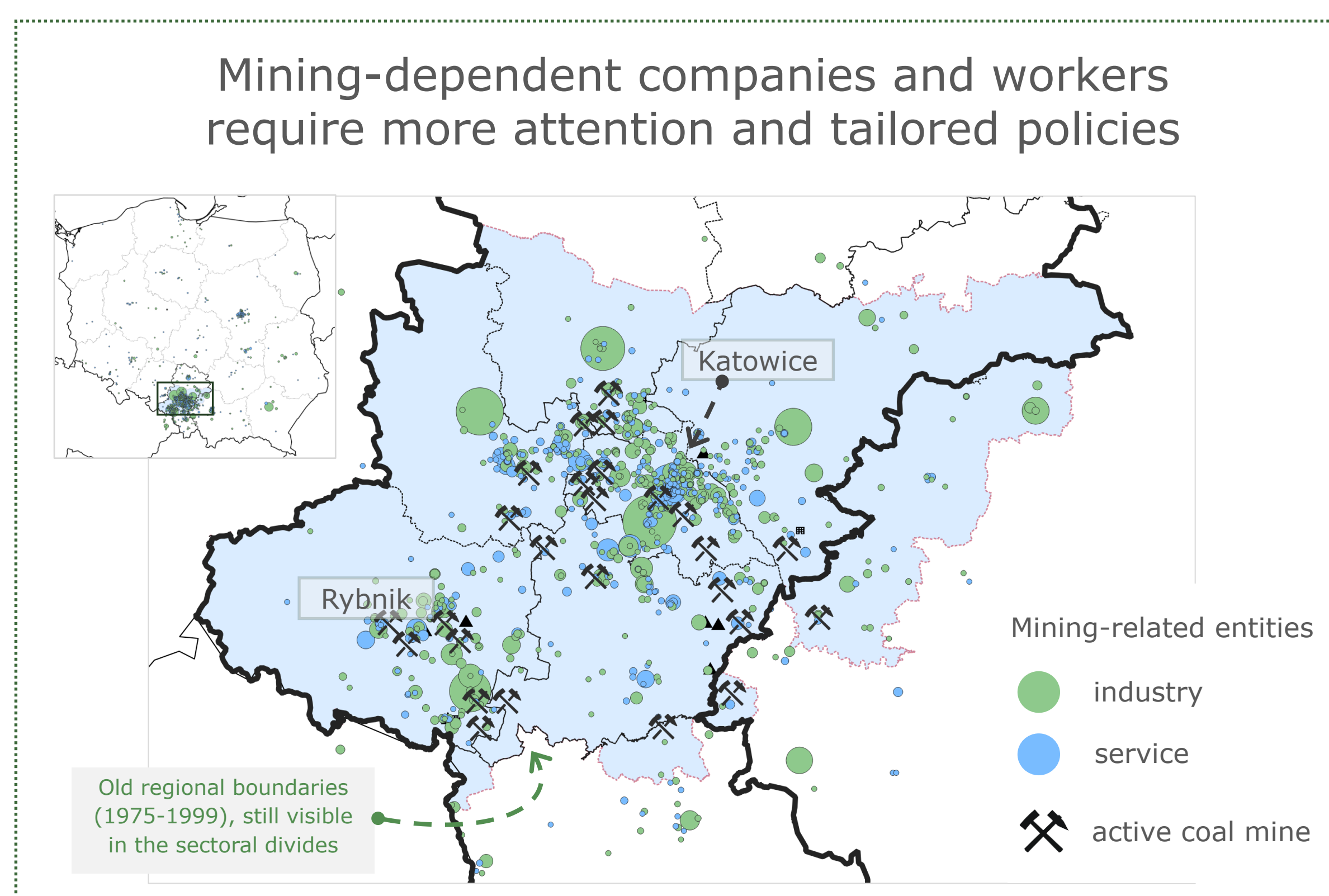
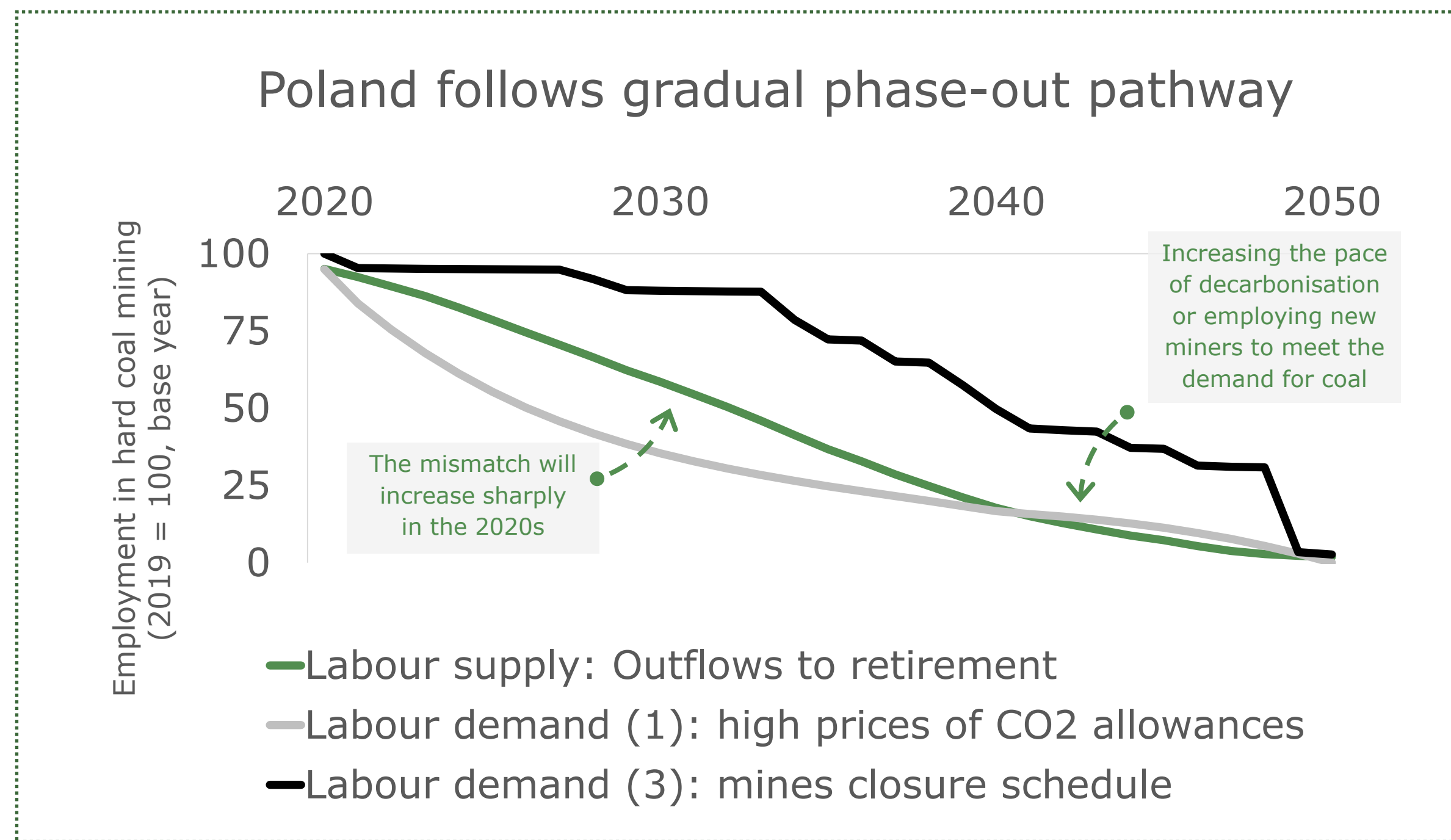
Author: A. Prusak

Exchange with US/UK/AU/PL coal researchers
in Konin, Greater Poland (19/05/2023)



Author: T. Measham

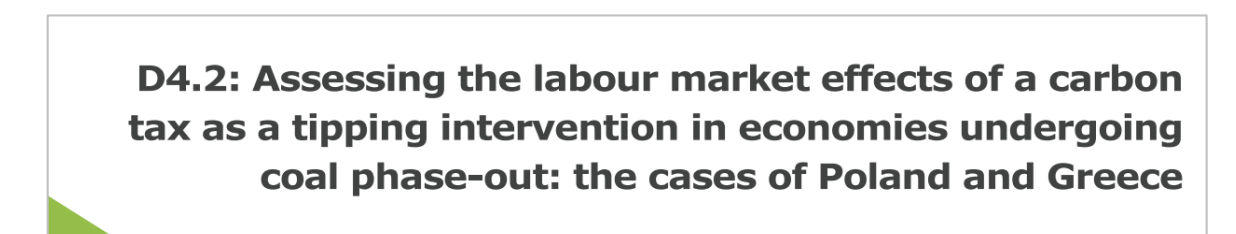
Research results



Journal articles



Work in progress



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The TIPPING.plus project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 884565.