

# Enhancing capacity and understanding on assessment of impacts of implementation of response measures to facilitate economic diversification and just transition

Informal event of the forum on the impacts of the implementation of response measures, UNFCCC Climate Dialogues 2020, Session II Panel discussion, 30.11.20



**Dr. Pao-Yu Oei**

Research Group CoalExit, TU Berlin and German Institute for Economic Research (DIW Berlin)

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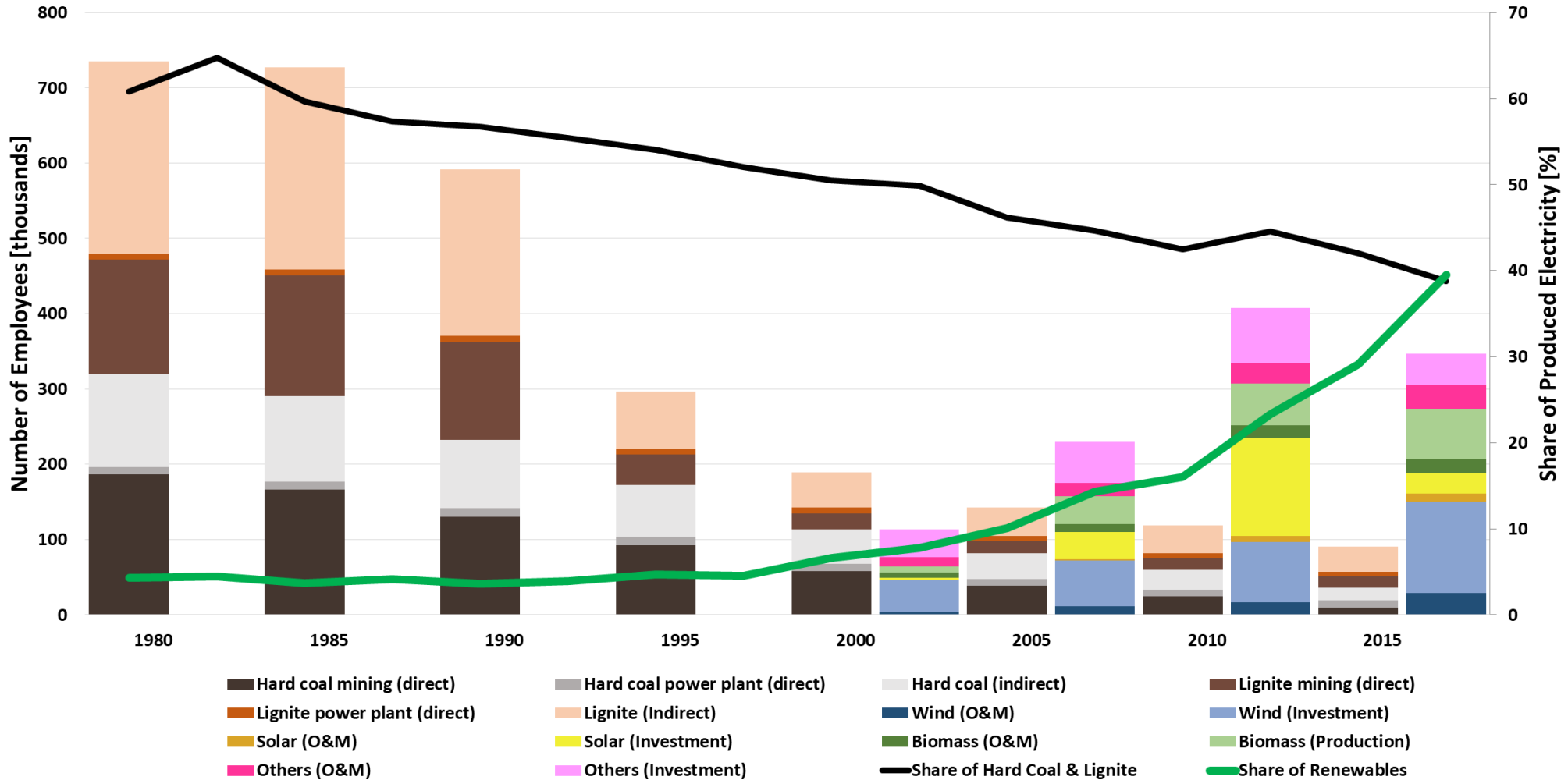
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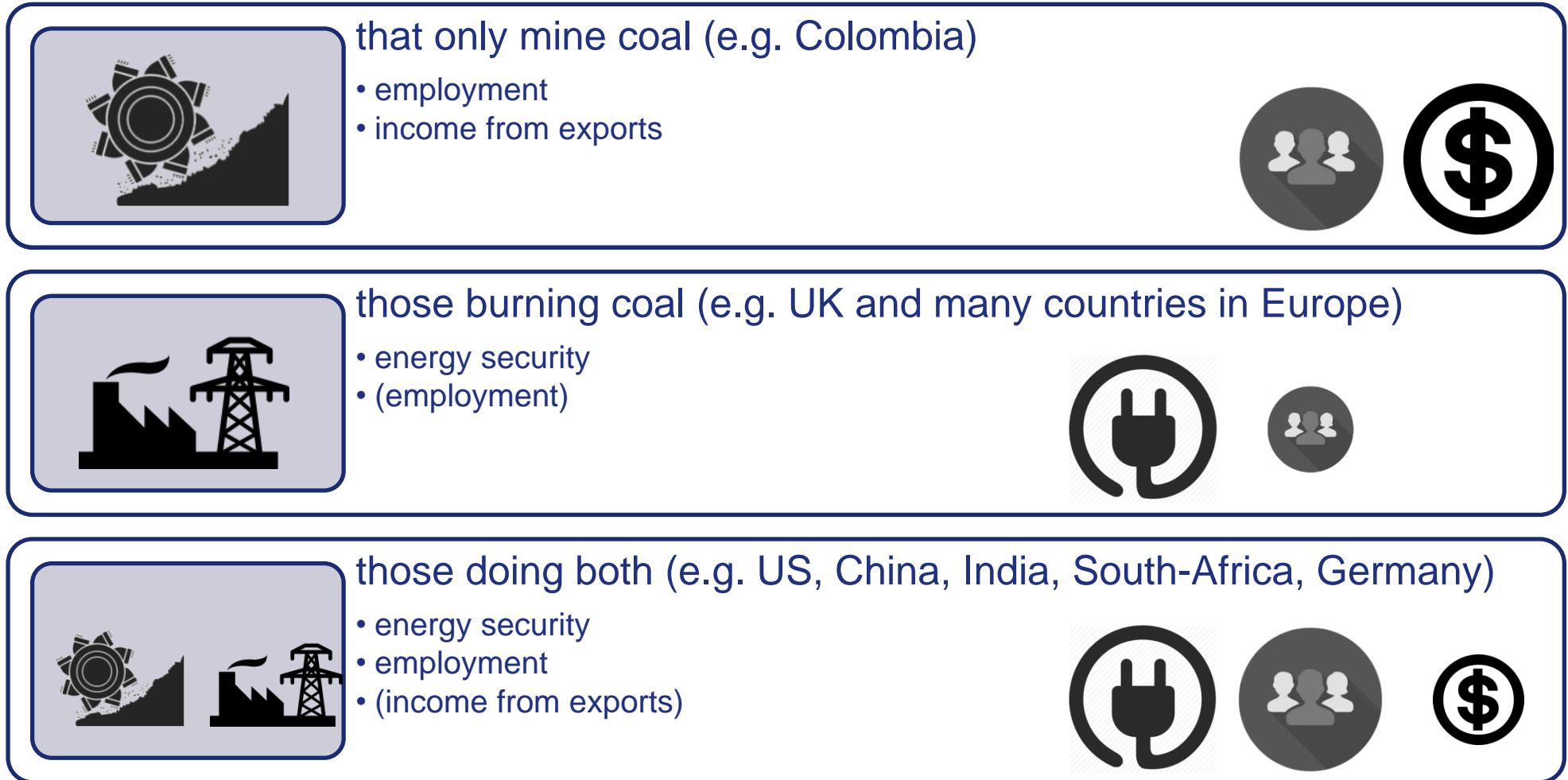
# Coal and Renewables in Germany since 1980



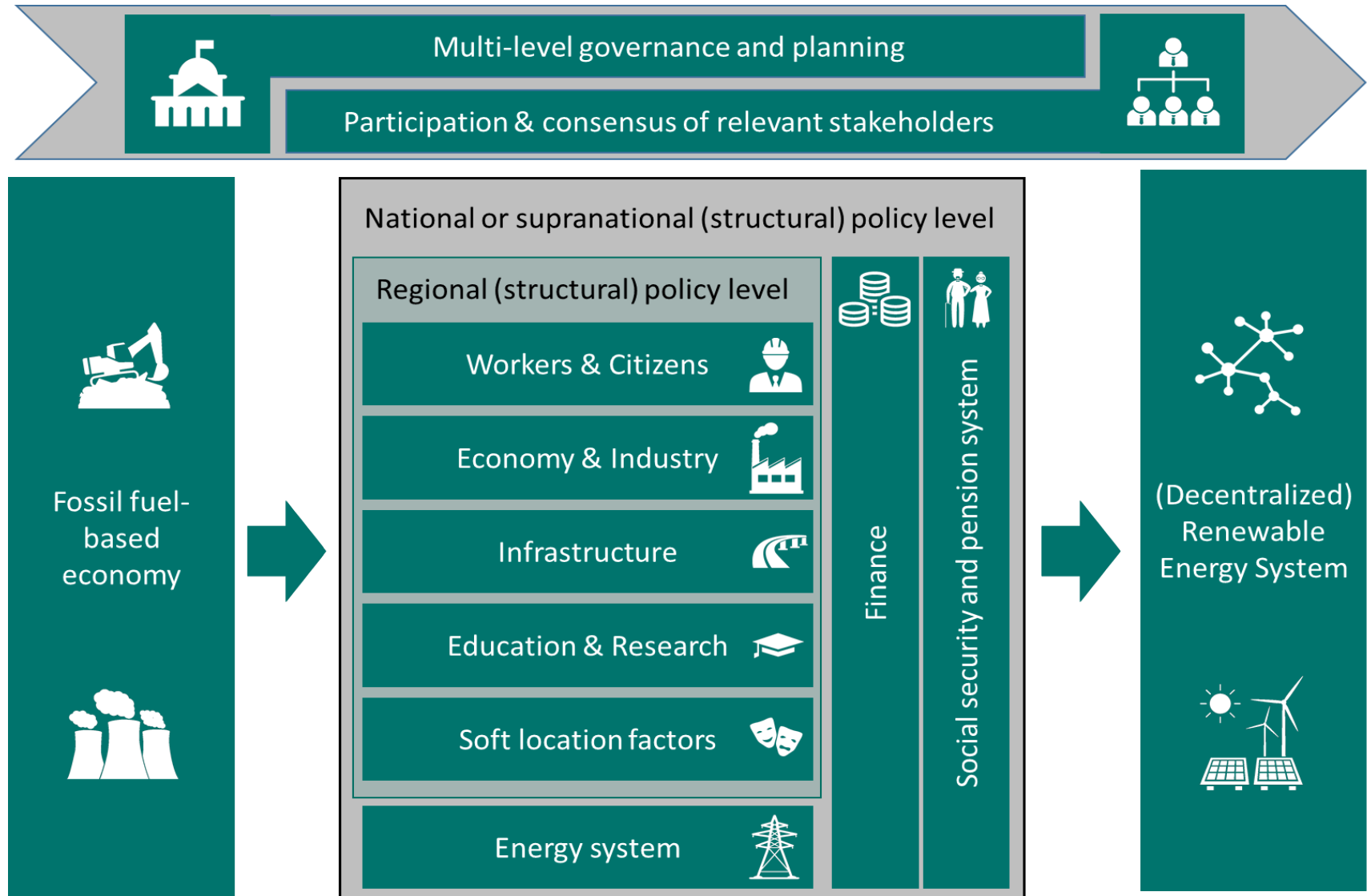
Source: Oei et al. (2020).

# The upcoming coal phase out affects countries differently

## Need to differentiate between countries:



# The energy system is just one element of a 'just transition'



# Kick-off of Discussions & Main Findings: We need to enable a timely CoalExit to meet climate targets

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Different challenges prevail for countries and regions



Technical solutions are comparably easy & well researched



Crucial to prevent new (stranded) coal or gas investments (plants or mines)



Coal regions that start the transition will receive the biggest support and turn out best

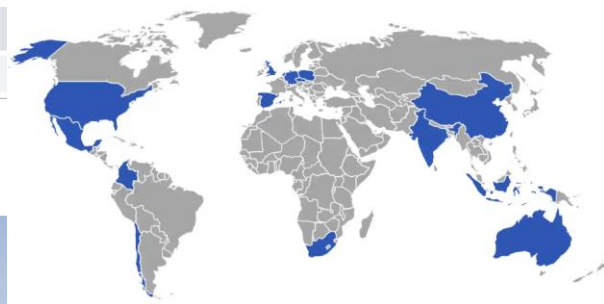
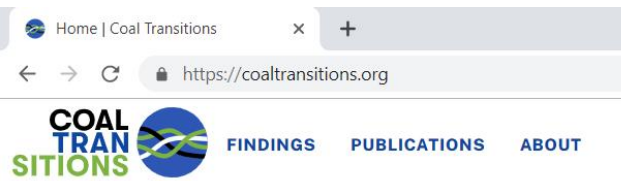


Ignoring the trend will result in an economic collapse with low chances for recovery

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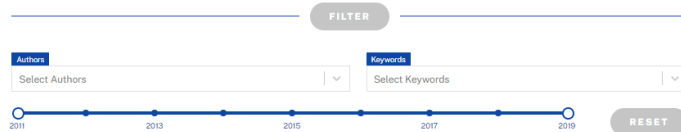
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PUBLICATIONS ABOUT



PUBLICATIONS (54)

- 2019** **Indonesia's Coal Dynamics:**  
Deon Arinaldo • Julius Christian Adiatma  
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- 2019** **The death spiral of coal in the U.S.: will changes in U.S. Policy turn the tide?**  
Roman Mendelevitch • Christian Hauenstein • Franziska Holz  
#CCS #climate policy #coal #energy policy #mining #ports #USA
- 2019** **Socio-Economic Considerations for a Paris Agreement-Compatible Coal Transition in South Africa**  
Jesse Burton • Andrew Marquard • Bryce McCall  
#coal #energy #just transition #South Africa



**A just and timely coal transition is possible but needs political support**

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Researchers



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