

Fossil fuel phase out: Global Coal Transitions

PEP 1.5 Final Symposium; 03.09.2019



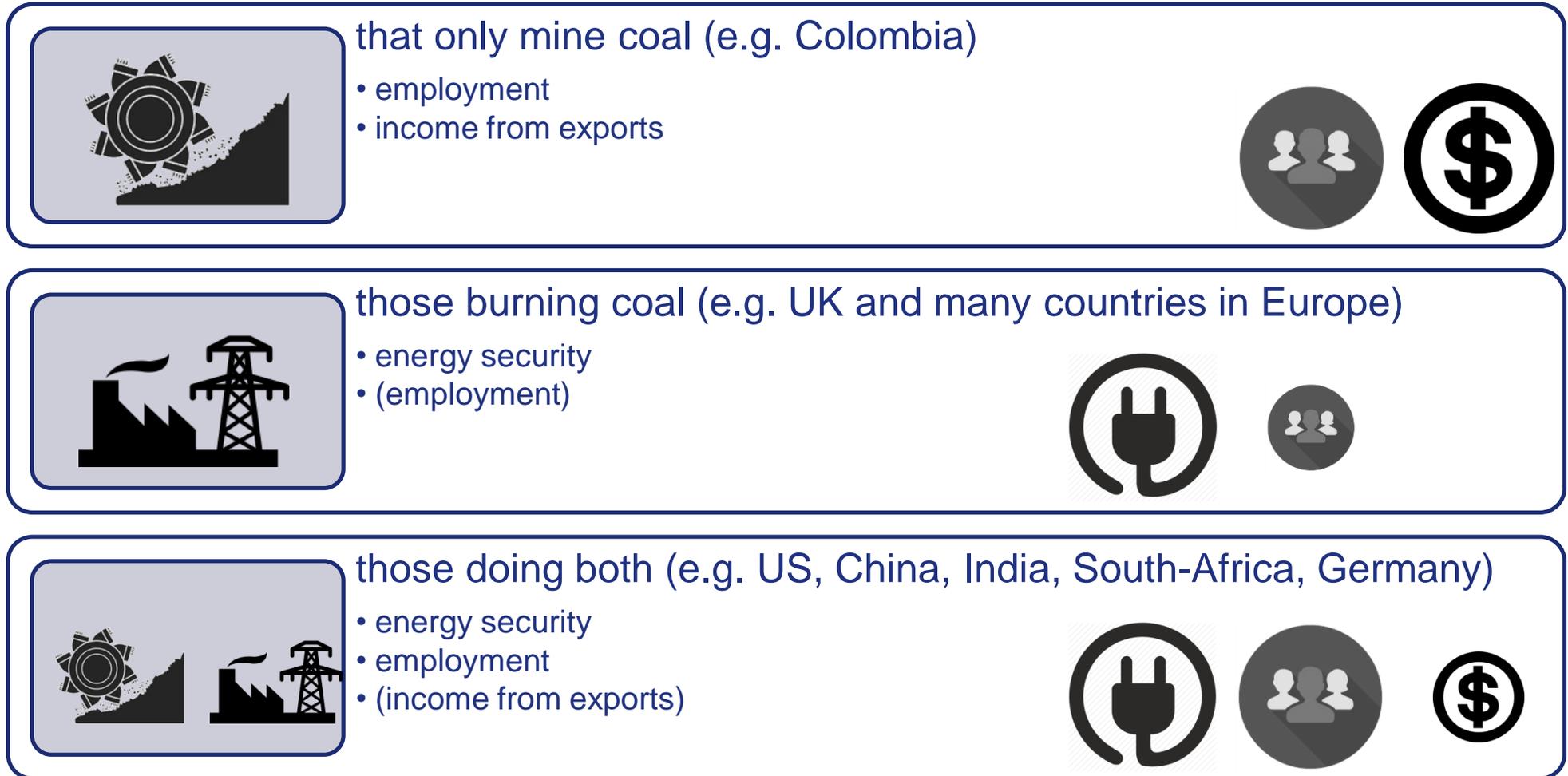
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Finding 1: The upcoming coal phase out affects countries differently

Need to differentiate between countries:



Finding 2: Political instruments need regional adjustments

e.g.
Colombia

Financial payments as compensation for a moratorium on new mines and export losses





Support for RES to meet rising energy demand, enable energy access & create jobs



Active & passive labour market instruments to enable a just transition



e.g.
Europe or
US

Moratorium on new mines



Existing coal power plant fleets need to be closed



Support for RES to replace fossil capacities & create jobs



Active & passive labour market instruments to enable a just transition



e.g.
China or
India

Moratorium on new mines; maybe linked with compensations



Moratorium for new plants to prevent (stranded) assets



Support for RES to meet rising energy demand, enable energy access & create jobs

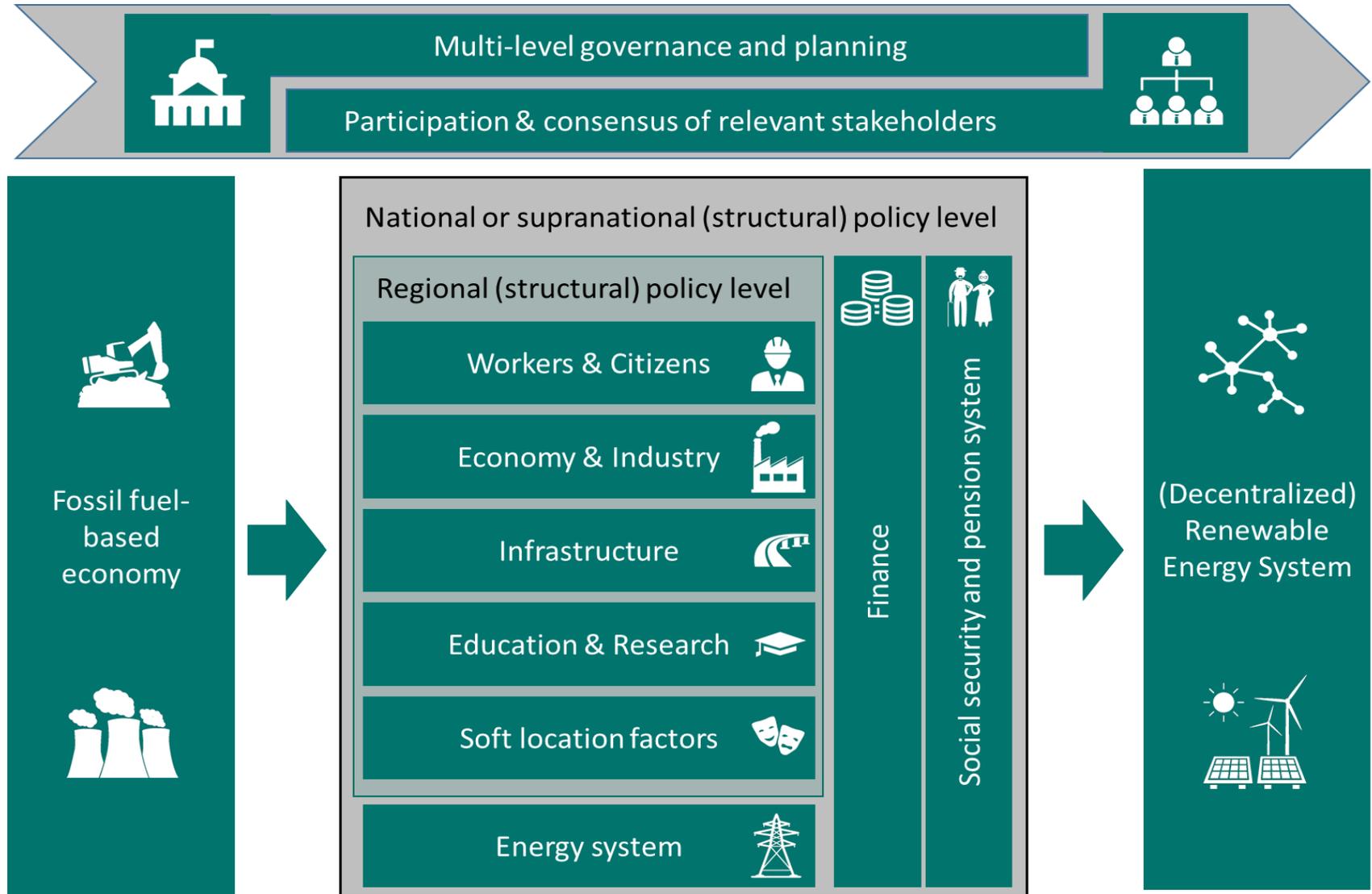


Active labour market instruments to create new jobs



Finding 3:

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

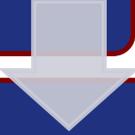


Kick-off of Discussions: Main Findings

We need to enable a timely CoalExit to meet climate targets



Different challenges prevail for countries and regions



Technical solutions are comparably easy & well researched

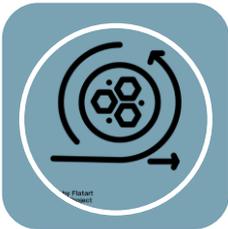


Crucial to prevent coal investments from emerging countries



Only possible if developed coal countries set a positive example

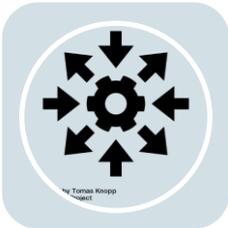
How to



link different interdisciplinary research questions?



learn from experiences of regional case studies?



improve cooperation within academia (different research projects and institutions) and practitioners

International research platform coaltransitions.org - independent from funding institution or project duration.

*We encourage academic scholars, research projects, or institutions to **contact us** if they want to be included on the website.*

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RESEARCH HUB PARTNERS NETWORK RESEARCHERS PROJECTS

Researchers

Jan Baran
Background: Economics
Focus topics: Labour economics, Pension schemes, Innovation and intellectual property, Social networks in economics
Affiliation: IBS - Institute for Structural Research, Poland

Andrzej Blachowicz
Background: Policy Making, Stakeholder Engagement
Focus topics: EC Platform for Coal Regions in Transition (Secretariat)
Affiliation: Climate Strategies, UK

Hanna Brauers
Background: Industrial Engineering
Focus topics: Coal phase-outs, natural gas phase-outs, political economy of energy transformations
Affiliation: CoalExit, TU Berlin, DIW Berlin, Germany

PUBLICATIONS (54)

2019 **Indonesia's Coal Dynamics:**
Deon Arinaldo • Julius Christian Adiatma
#coal #energy #Indonesia #just transition

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

Main Finding
A just and timely coal transition is possible but needs political support
READ MORE →

07:33
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