CoalExit in Deutschland – CoalTansitions Global

Strommarkttreffen Kohleausstieg: Vorschläge für Deutschland; Implementierung in anderen Ländern; GIZ Berlin; 01.08.2019





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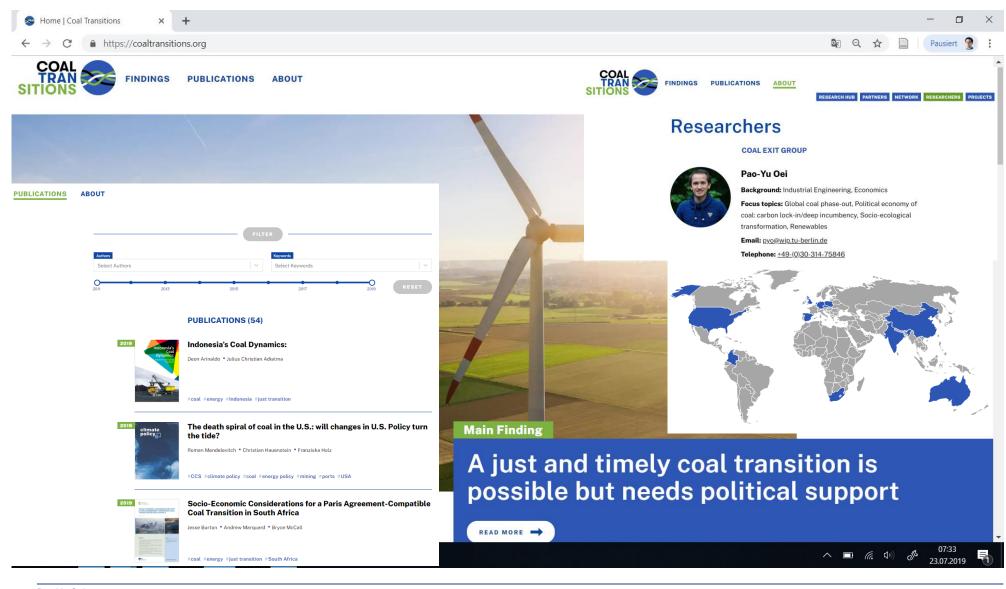






International research platform coaltransitions.org - independent from funding institution or project duration.

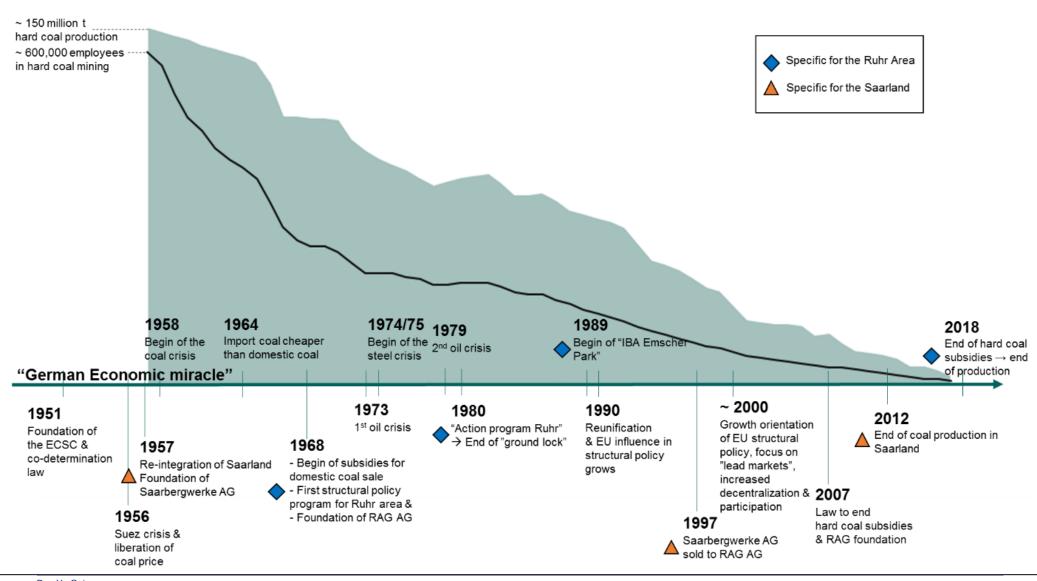
We encourage academic scholars, research projects, or institutions to <u>contact us</u> if they want to be included on the website.



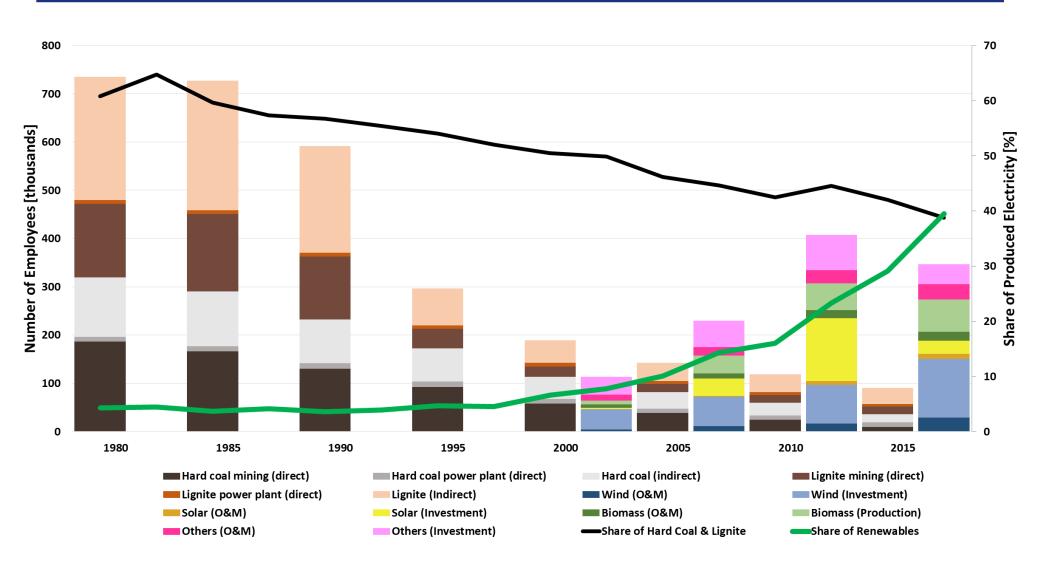
Overview of selected publications from the CoalExit - Team



Germany: Long history starting with the European Coal and Steel Community in 1951 and coming to an end in 2018



Germany 1980 – 2017: Declining coal and rising renewables employment and electricity production



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The carbon lock-in of coal regions and actors originates from various sources



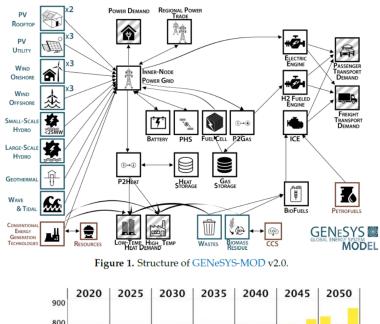
Preview: New paper to be published this week

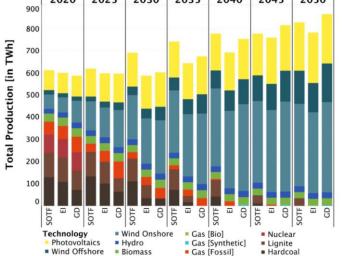
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Article

Pathways for Germany's Low-Carbon Energy Transformation Towards 2050





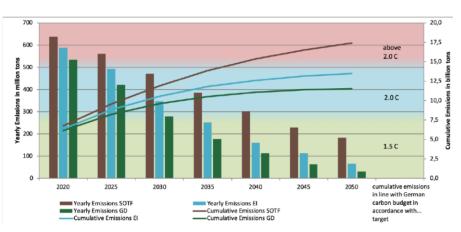


Figure 8. Development of yearly and cumulative CO₂ emissions per scenario. CO₂ emissions from

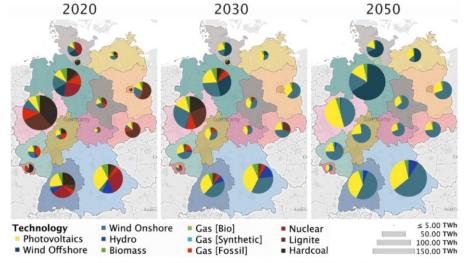
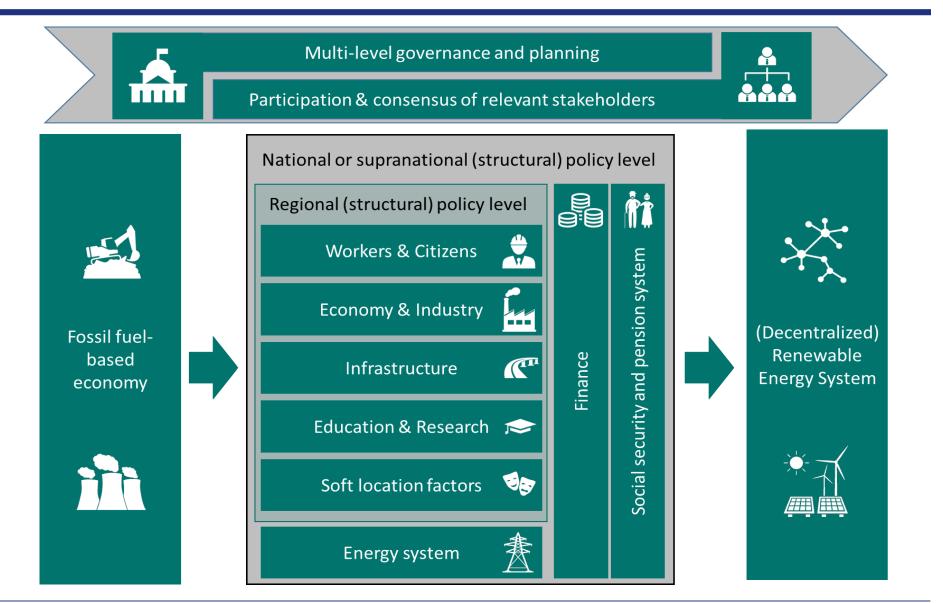


Figure 4. Regional development of Germany's power production for the Green Democracy scenario.

Managing a 'just transition'



The upcoming coal phase out affects countries differently

Need to differentiate between countries:

- that only mine coal (e.g. Colombia)
- employment

income from exports



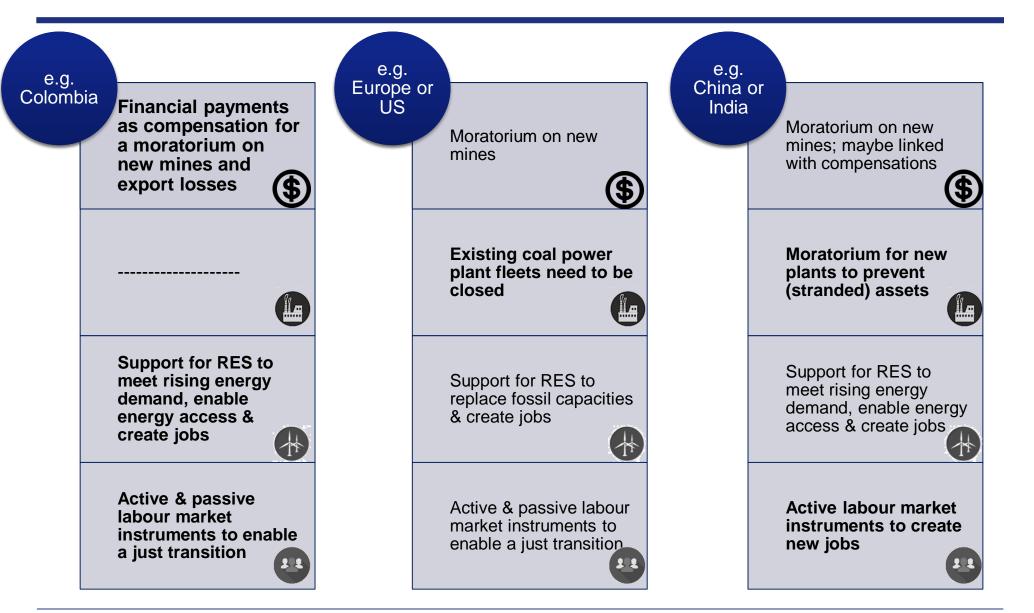
those burning coal (e.g. UK and many countries in Europe)

- energy security
- (employment)

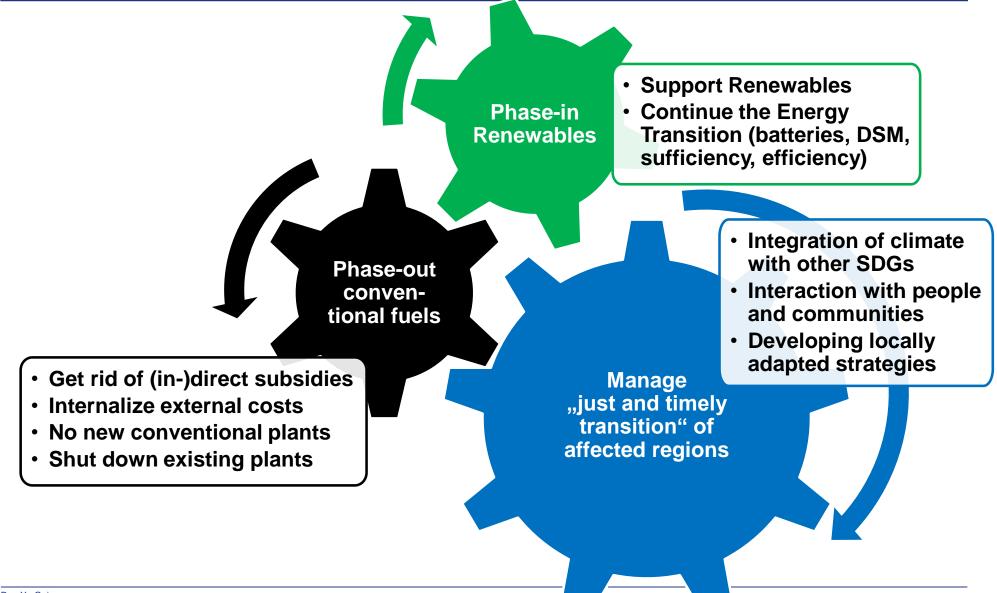




Regional adjustment of political instruments



Requirements to future energy markets: Enable a transition to 100% renewable energy sources



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