European Commission

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'The Value of CCS in the Political Economy'

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There is a need to develop narratives for the *political* economy where government and public support required

Industrial decarbonisation

Retain and grow jobs and GDP whilst meeting climate targets in the long term \rightarrow preferable outcome to job offshoring/GDP loss and not meeting targets in the short and long term

Can CCS help deliver this outcome?



Case study: 'Making Germany's Industriestandort climate-ready'

Cement industry example: what kind of economic multipliers impact the economic 'just transition' narrative? What happens if production relocates?



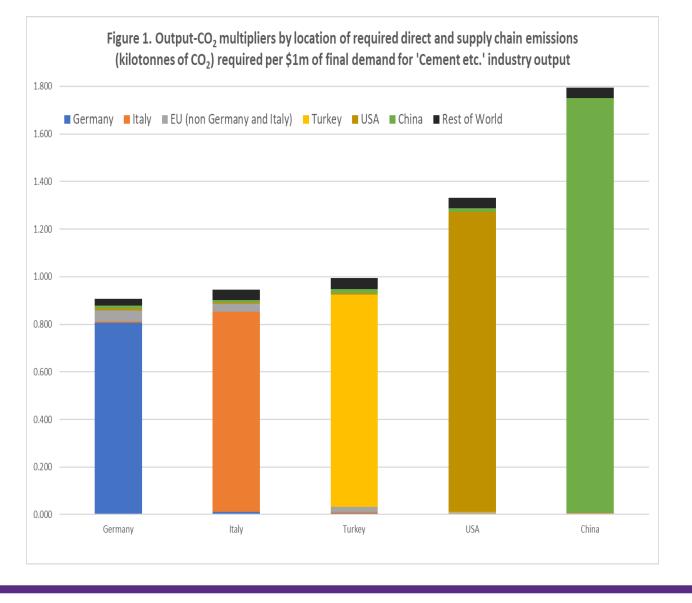




The Just Transition Challenge: Avoiding Carbon Leakage and Jobs Off-Shoring in Decarbonising International Supply Chains

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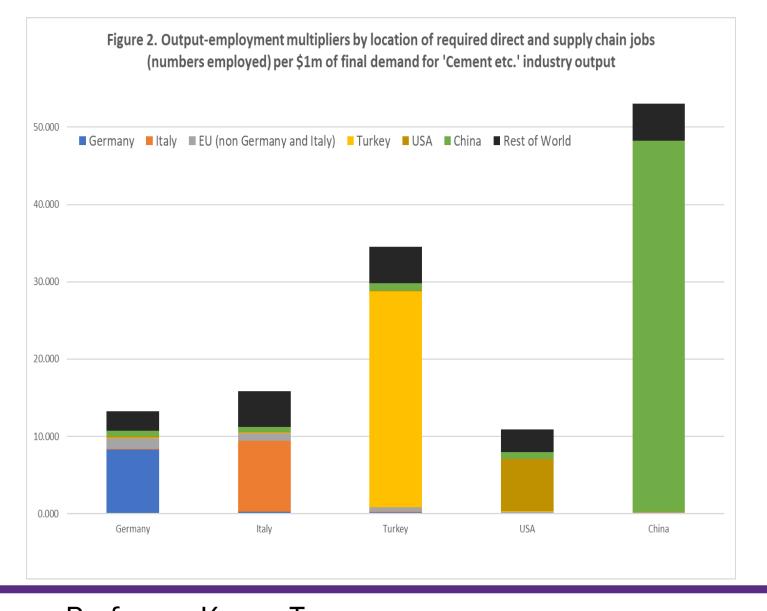
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Carbon leakage/off-shoring?

 Net increase in industry emissions per \$1m production to service demand when move outside of EU

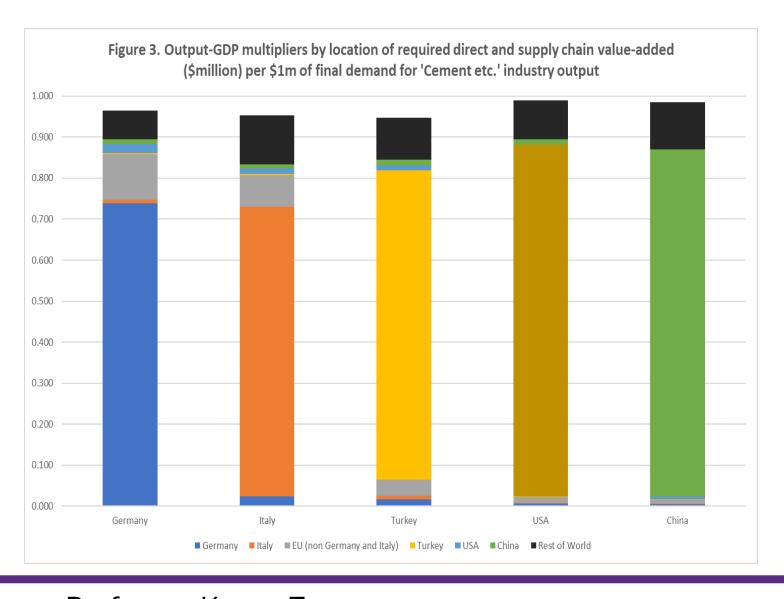




Jobs leakage/off-shoring?

- Net <u>boost</u> in <u>global</u> industry and supply chain employment
- But net <u>losses</u> to <u>Germany</u>'s industry and supply chain





GDP leakage/off-shoring?

- Reallocation of global valueadded
 - Implies higher value-added jobs in German, Italian and US cases (both industry and supply chain)
- Again net <u>losses</u> to <u>Germany</u>'s industry and supply chain

