

① Which is the mechanism leading to emission reduction?

“Knowledge spillovers” → Weighting GVC participation by patents (technological content)

“Delocalization” → Position in the value chain and not just participation

② Country “Environmental awareness”

Are differences so relevant? (interaction?)

Carbon taxes versus technological development? (patents as dependent?)

③ Manufacturing/Data/Industries/More estimations/Kuznets

*Some references you might find useful:*

Hémous, D. (2021). Green innovation policies: economics and climate change. *UBS Center Public Paper Series*, (10).

Consoli, Barbieri, ... Their works on regional green technologies.

Ye et al. (2020). Technology gap, global value chain and carbon intensity: evidence from global manufacturing industries. *Energy Policy*