

Societal transition for a sustainable economy

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MOTIVATION

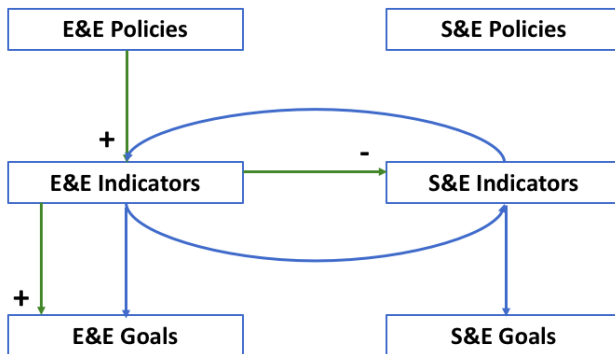
- ▶ **Climate change** and increasing **inequality** have emerged as twin threats to contemporary standards of living, peace, and democracy.
- ▶ The public debate rises a set of questions:
 - ▶ What is the societal impact of green growth?
 - ▶ How to guarantee employment in the transition to sustainability?
 - ▶ Is there any room for providing welfare in a sustainable society?

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 - ▶ How to guarantee employment in the transition to sustainability?
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- ▶ **Green Growth + Social Policies = Green New Deal**
- ▶ European climate action and national plans (*PNIEC*) based on **Green Growth**.

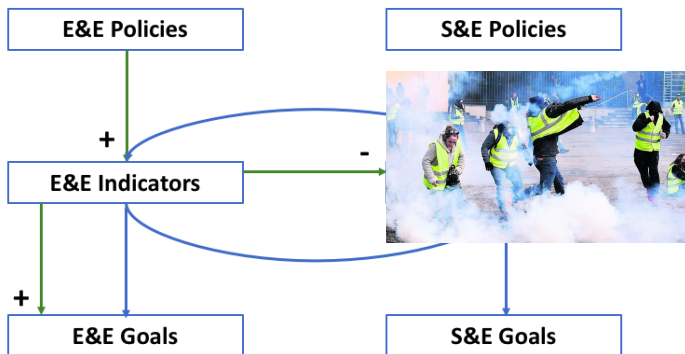
THE GAP

Coupling Energy & Emissions and Social & Economic Features



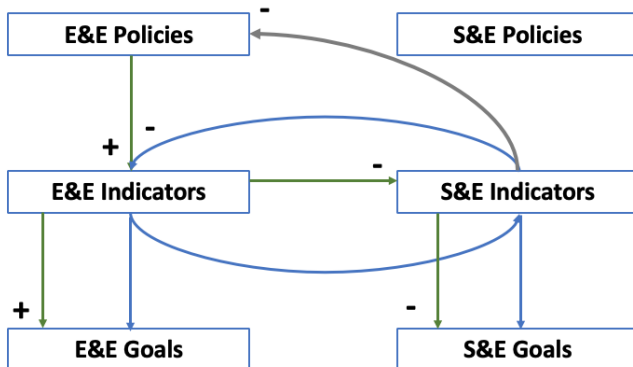
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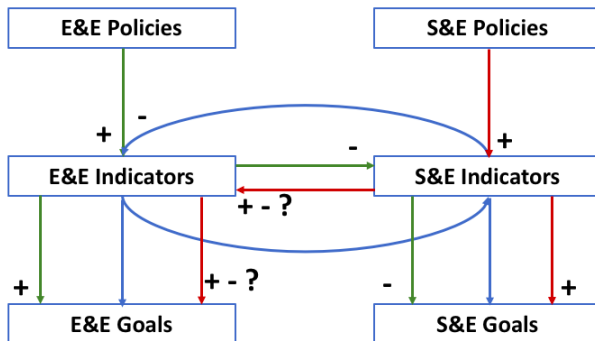
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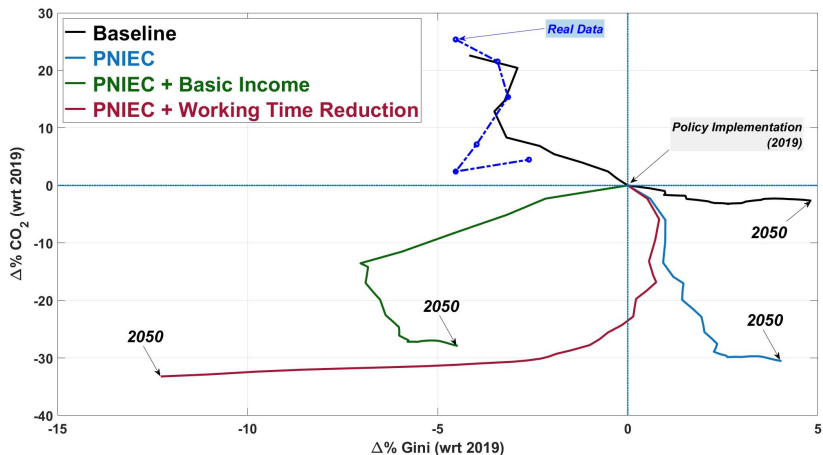


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RESULTS



Our “best” result is a reduction of about 60% w.r.t. 1990 level
Still far from -80% (EU target for 2°)

PAPERS AND PROJECTS

Work in Progress

- ▶ **NET** \implies New Electricity Trends for Italy
- ▶ **WTR** \implies Working Time Reduction for Low-Carbon Transition
- ▶ **PEN** \implies Productivity-Energy Nexus in a Post-Growth Society

Projects

- ▶ **LOCOMOTION** \implies Low-carbon society: an enhanced modelling tool for the transition to sustainability
- ▶ **ECOESIONE** \implies MiniAmbiente – Enhanced 2METE for Italy
- ▶ **EMBARK** \implies Ecological Macroeconomics – Building an Action and Research networkK

GO AND PLAY!

France



Italy



Two **online platforms** to build personalised scenarios