



Assessing financial risks of the twin transition

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The twin transition — the simultaneous shift towards a climate-neutral and digitally-driven economy — sits at the heart of the European Union’s long-term strategic agenda. The European Green Deal and its Fit for 55 package set binding targets to reduce EU greenhouse gas emissions by at least 55% by 2030 and achieve climate neutrality by 2050. In parallel, the EU’s Digital Decade policy programme and the AI Act aim to accelerate the adoption of digital technologies while establishing a regulatory framework for artificial intelligence.

This report provides a unified quantitative framework to assess the distributional and financial impacts of the twin transition at the household level, integrating macro-economic network dynamics with scenario-contingent asset valuation across EU countries and sectors.



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