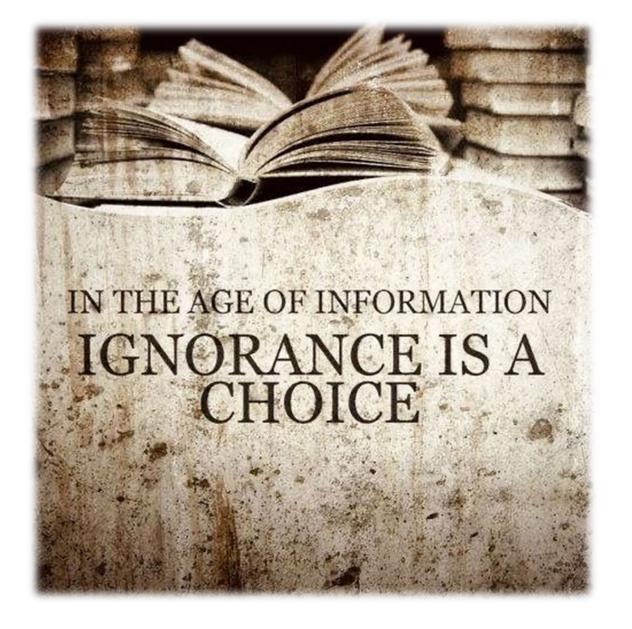


The triple transition and the dawn of quantum policymaking

Andrea Renda

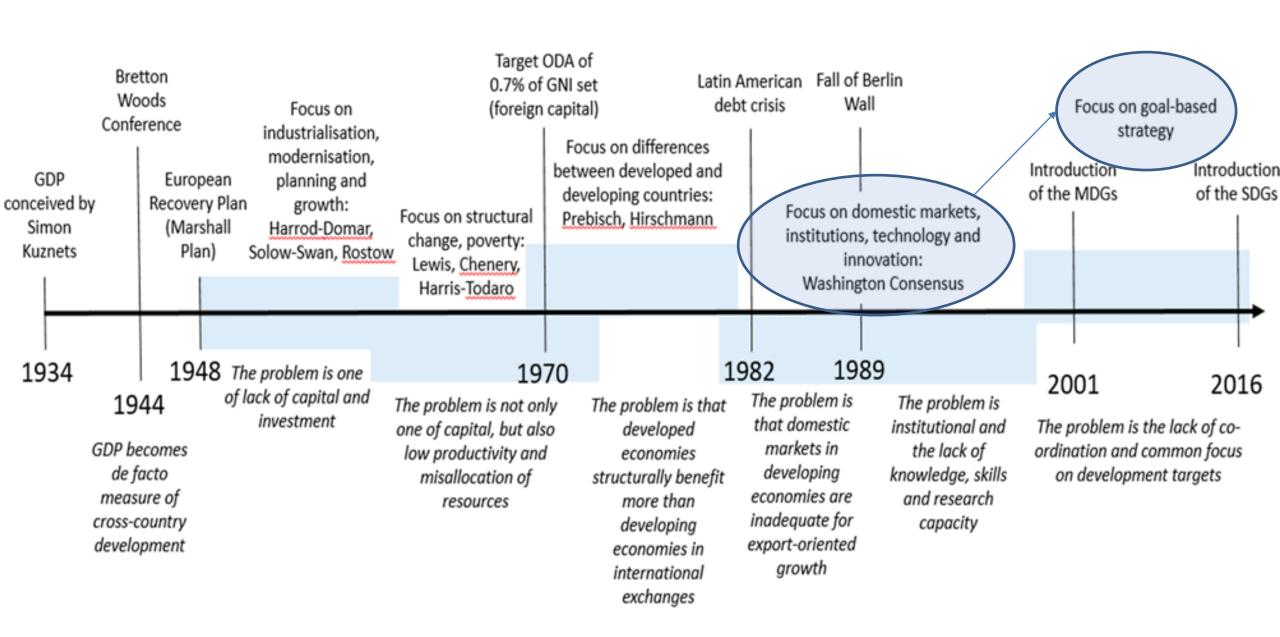
Director of Research, CEPS





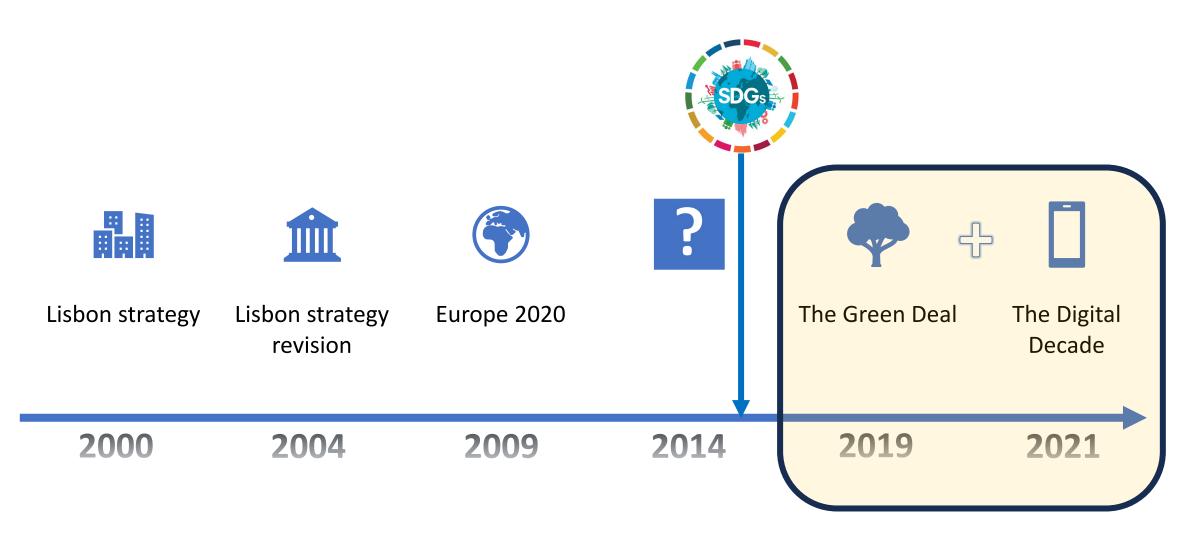
Linear policymaking

One goal: GDP growth One reason: market failures One method: CBA One future One policy option **One territory**

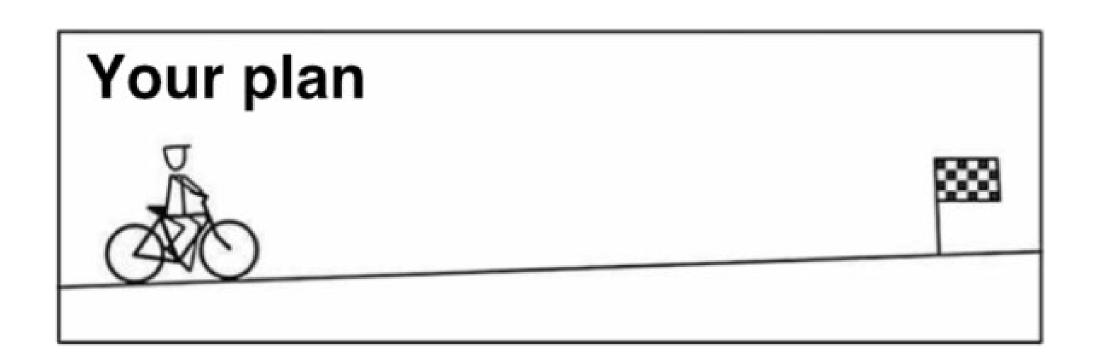


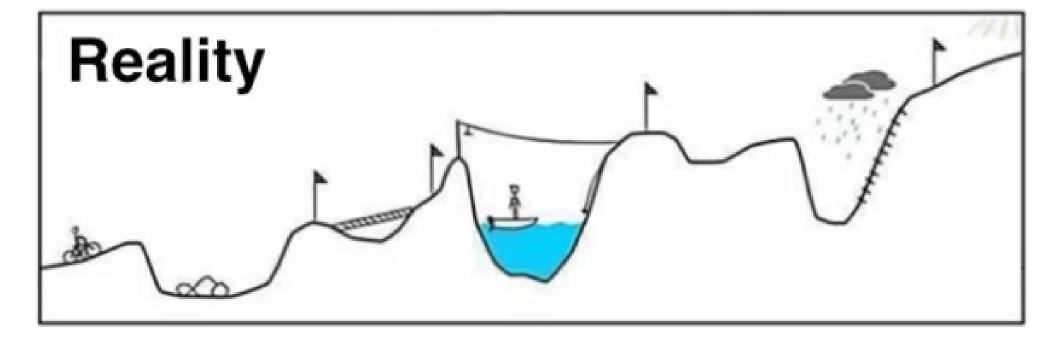
Source: OECD (2019)

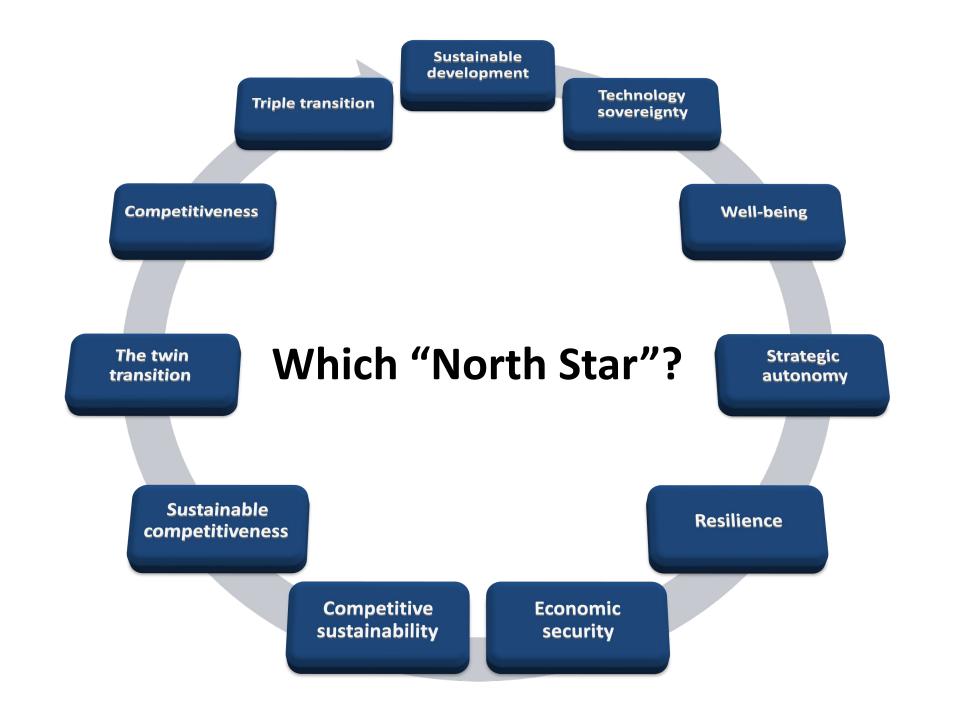
EU (select) goal-based strategies



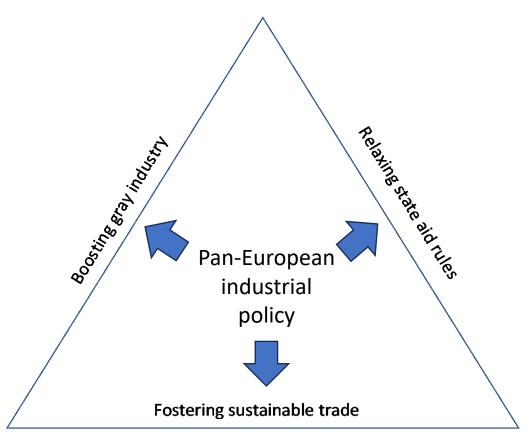








Economic security/ strategic autonomy



Competitiveness

Decarbonisation

Seven sins of our policies

Not "learning to prepare"

Not "preparing to learn"

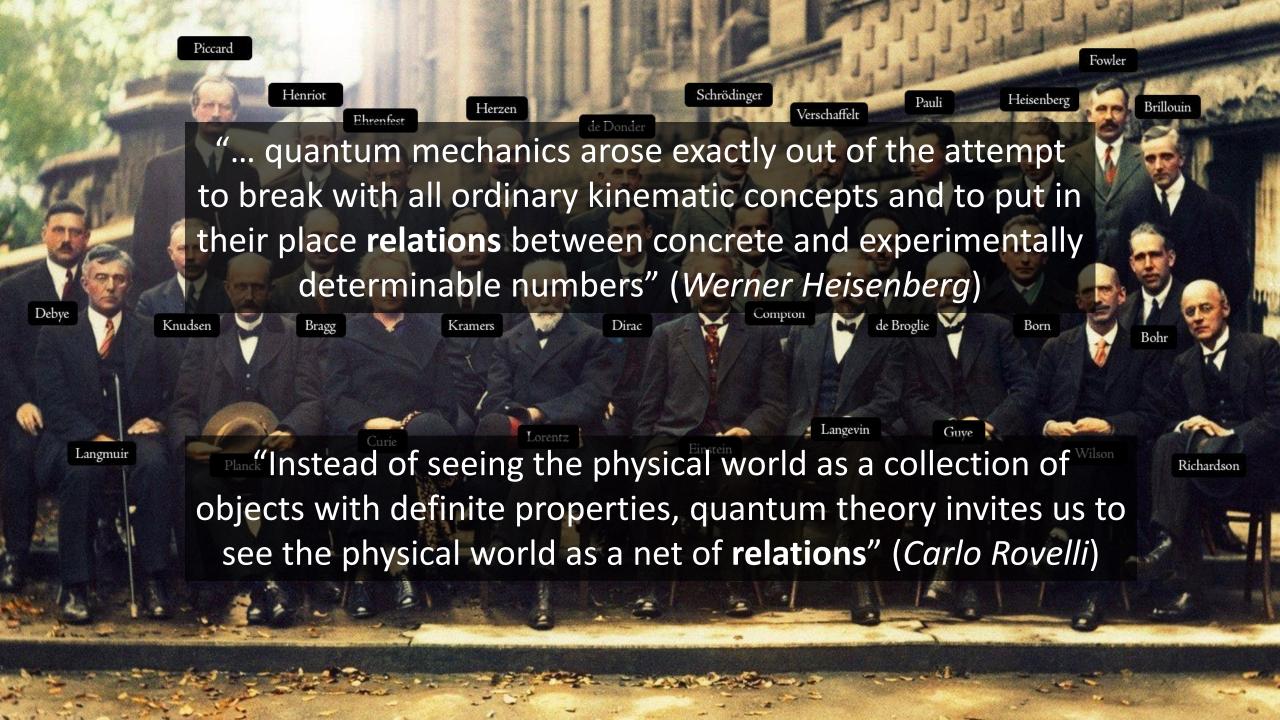
Dividing the SDGs

Taking innovation as good per se

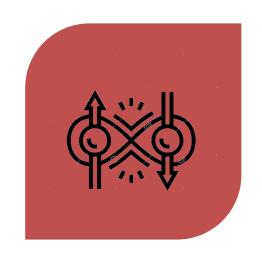
Constantly switching North Star

Ignoring distributional impacts

Ignoring territorial impacts



Enter quantum policymaking, exit neoclassical economics



Neoclassical economics cherishes methodological individualism

In reality, the well-being of individuals is "entangled"



Policy impacts are **superposed** – they reveal their state only upon direct observation

This requires understanding local conditions, governance and cumulative effects

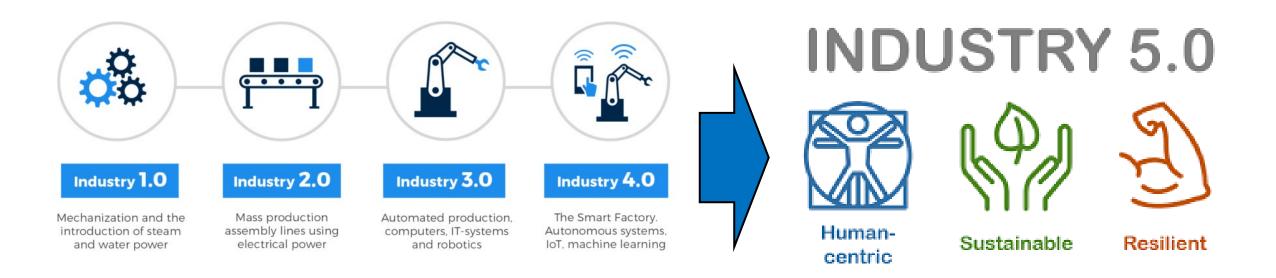
Linear policymaking

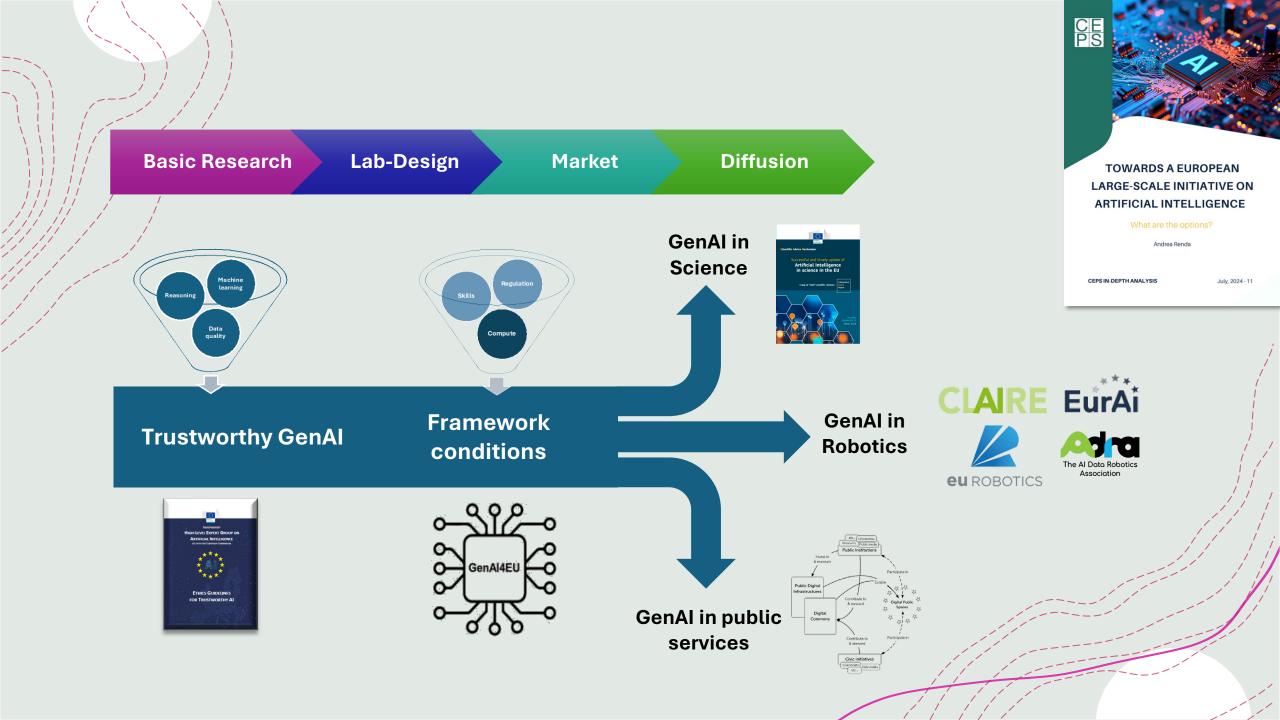
Quantum policymaking

One goal: GDP growth One reason: market failures One method (CBA) One future One policy option One territory

North star + entangled goals Goal-based policy **Weighted MCA (trade-offs) Alternative futures** Agile, dynamic, multi-stage Poly-centric, place-based

Example: Industry 5.0





The territorial dimension of policies

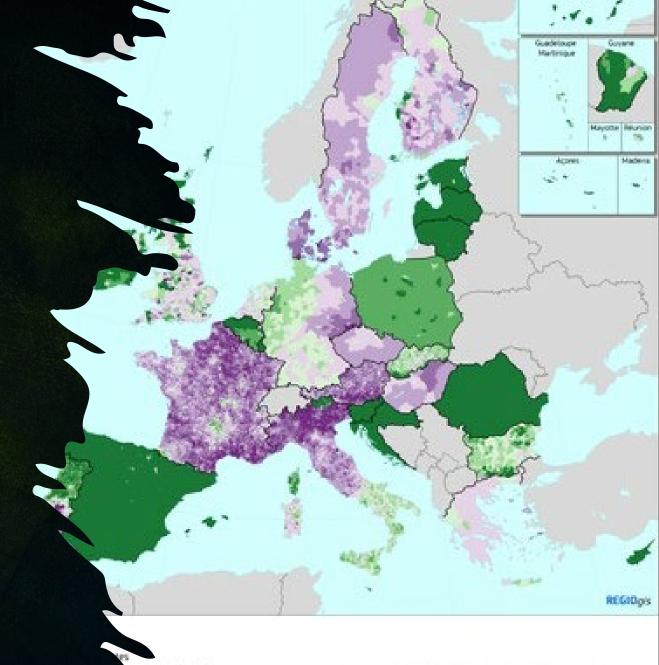
The "geography of discontent" matters

Technological specialisation and relatedness

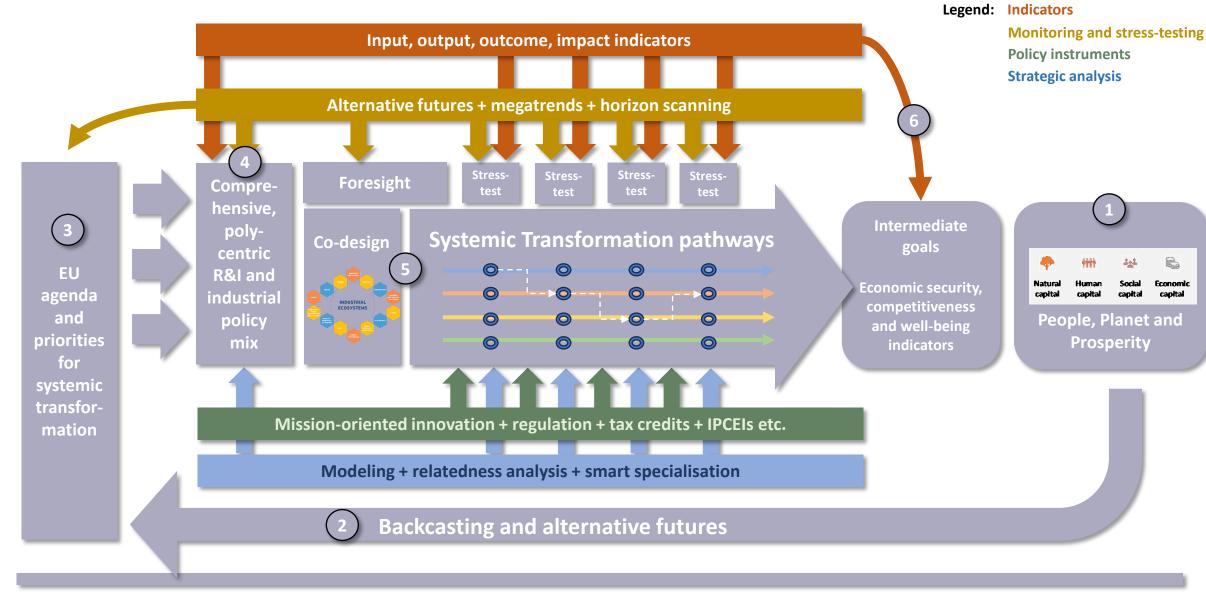
Understanding governance dynamics at the local level

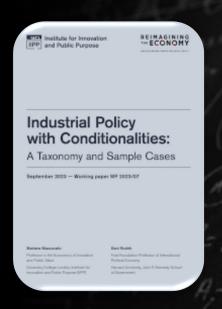
Place-based innovation + benefit-sharing throughout the Union

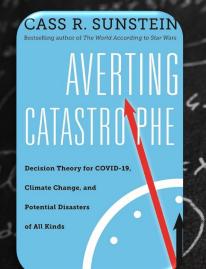
Framework conditions for local well-being ("right to stay")



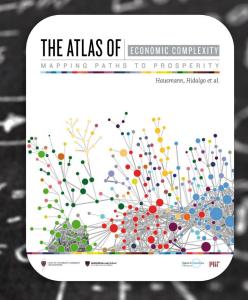
national authorities, O.EA, Chapel Hill Expert Surveys 2014 and 2017.











References and examples















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