

"A Global study of technically, economically and socially feasible low carbon transitions, with a focus on risk and uncertainty"

TRANSrisk studies the risks and uncertainties that lie ahead as we transition to a low carbon world. Our work examines the technical, economic and social feasibility of potential low carbon transition pathways.

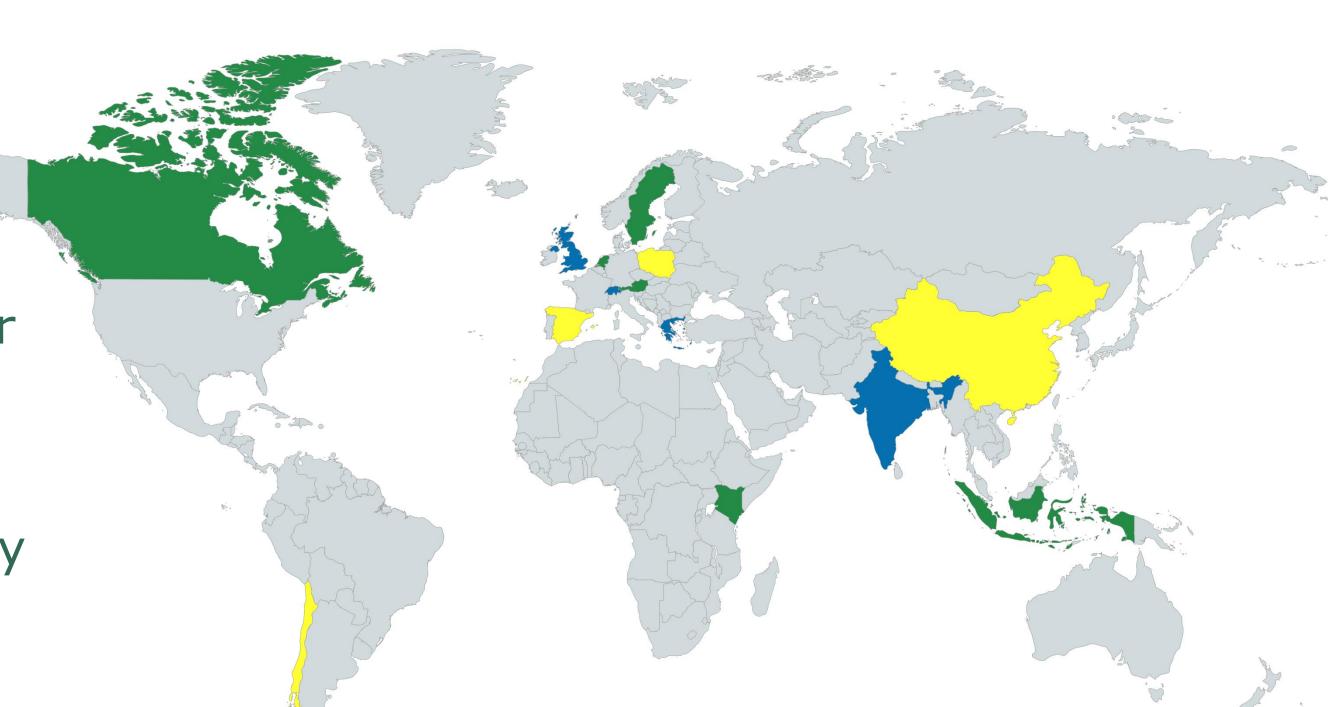
## > TRANSrisk Case Studies

CA: Oil Sands **CL:** Solar Energy **GB:** Nuclear Power NL: Renewable Energy, Biogas, Solar

ES: Renewable Energy **SE:** Road Freight Transport

CH: Solar, Hydro & Nuclear Electricity

PL: Coal and Renewable Energy



AT: Iron and Steel

GR: Solar Power, Buildings,

Micro-generation & storage

**KE:** Geothermal Energy &

Charcoal

IN: Solar Energy

CN: Renewable Energy & Energy

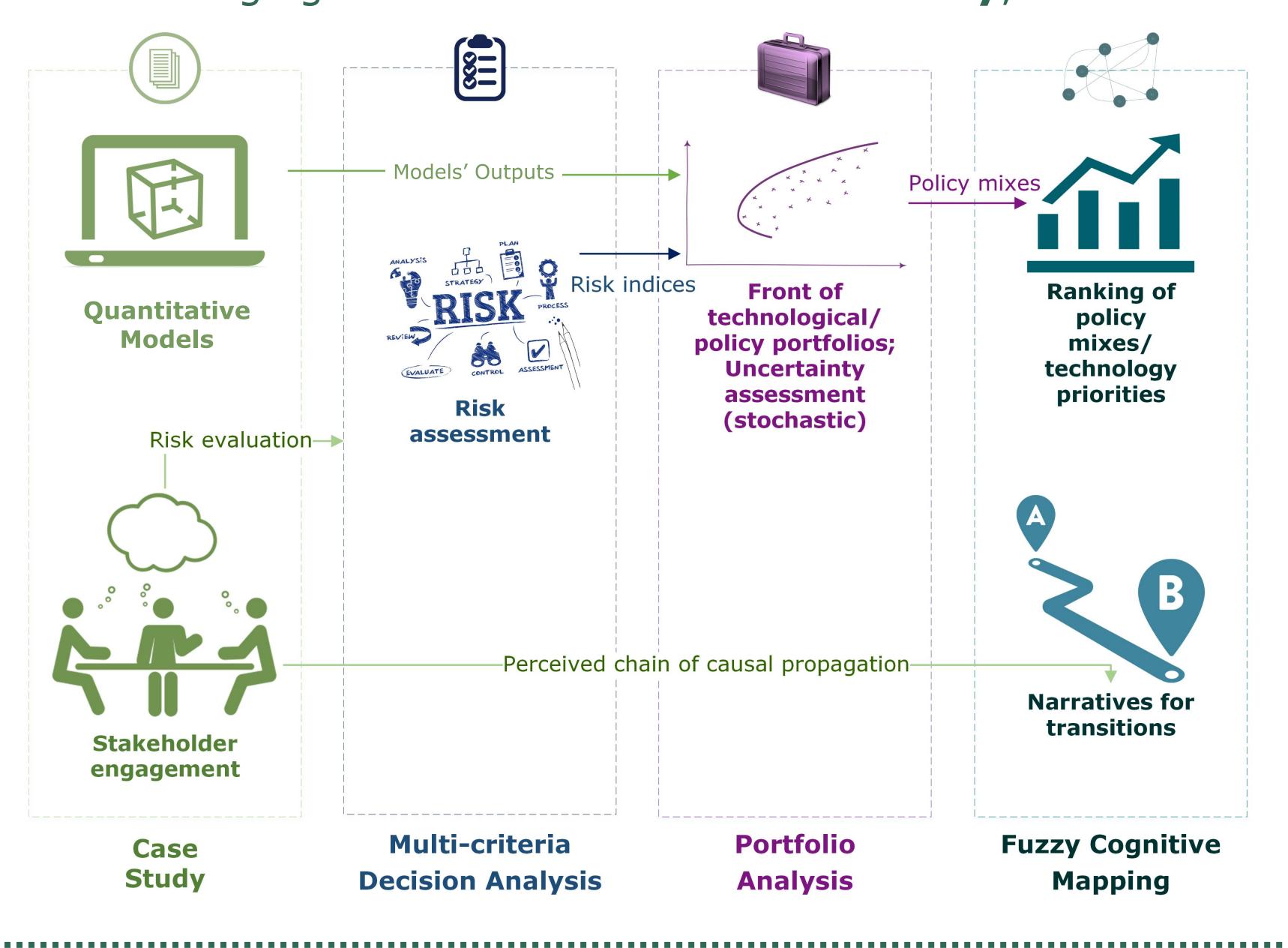
Efficiency in Buildings

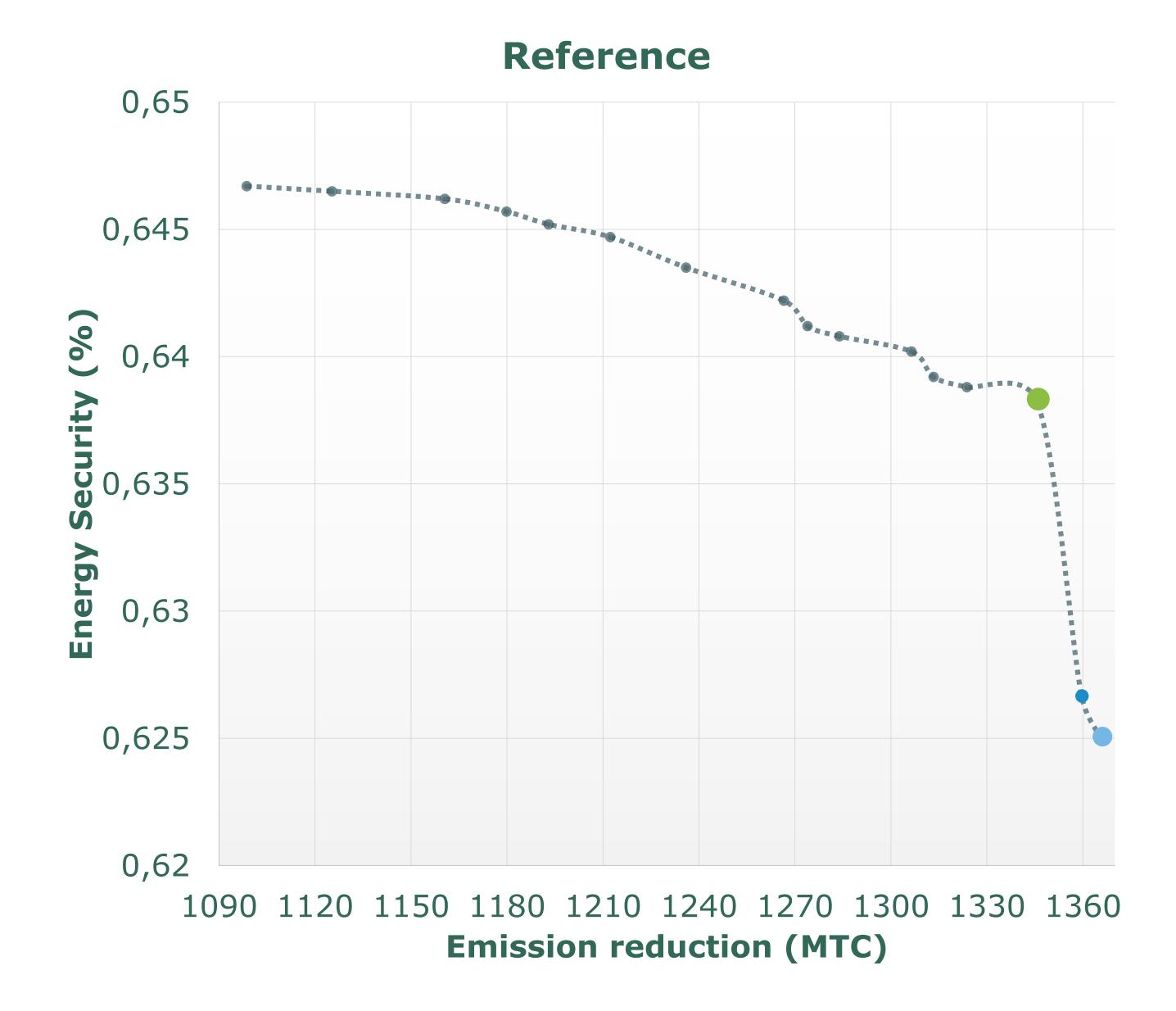
ID: Biogas and Food Production

Global Case Study: General discussion on direction of global trends, climate agreements

## > Methodological Integration

Acknowledging the context of each case study, different frameworks are integrated with quantitative models





## > Outputs and Impacts

- ✓ A set of low carbon transitions pathways for 14 countries, co-developed with stakeholders
- ✓ A new framing and assessment of climate policy-related risks and uncertainties in transition pathways
- ✓ Enhanced science-policy interface: novel approaches of coupling models, operations research & stakeholders
- ✓ Identifying innovation policy mixes and dynamics: key game-changing innovations at the national and regional level

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contact@transrisk.eu

www.transrisk-project.eu















