

The CIVICS Challenge

Comprehensive & Integrated Country Study

A **methodological approach** co-designed and shared by **FEEM** in **partnership** with **local Governments** and **Universities** to evaluate the **impact** of different **implementing strategies** of the **national policies**



THE FUTURE, EXPLORED

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Modelling Approach

Multi-Scale integrated Framework for Africa



Supply Chain Analysis of Local Products



Energy Technology and Energy System Model



Shock Effect on Economy and Environment



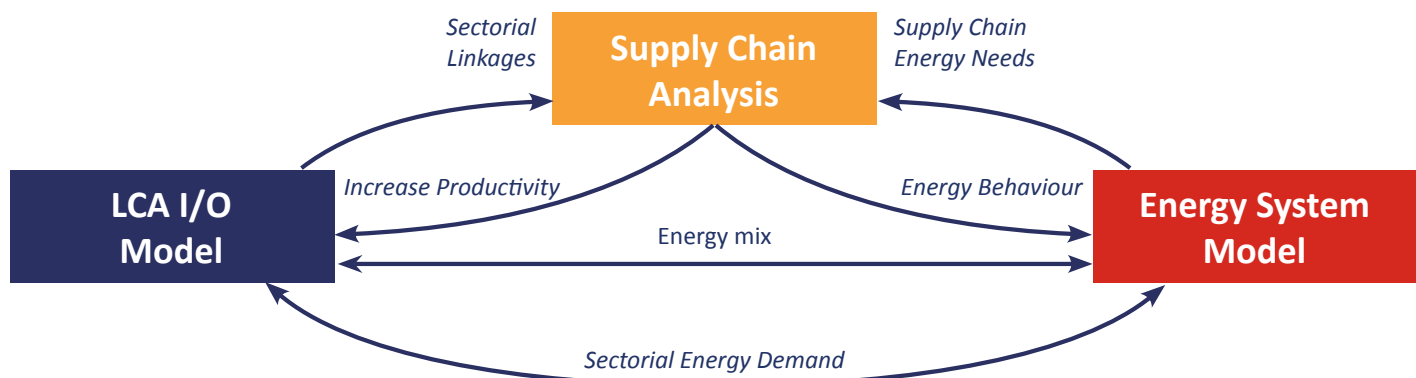
National strategies



Roadmap for Sustainable Development



International claims



		Input data	Output data
Supply Chain Analysis		<ul style="list-style-type: none"> Technological characterization (state of art) Raw Data (product, prices) 	<ul style="list-style-type: none"> Improved Strategy (technologies, processes, policies)
LCA I/O Model		<ul style="list-style-type: none"> National/international accountings Emission intensity Policy 	<ul style="list-style-type: none"> Variation in use of resources Variation in productivity Variation in emissions
Energy System Model		<ul style="list-style-type: none"> Energy Demand Natural Resource Assessment Available Technologies 	<ul style="list-style-type: none"> Energy Dispatch Over a Year Technology Use Mix Installed Technologies Energy Access