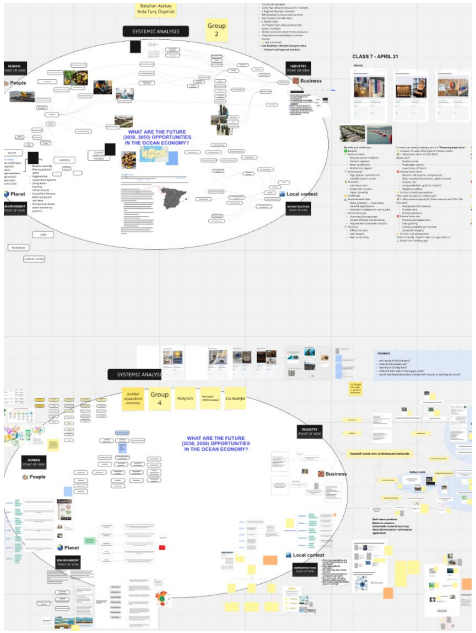
# Scaling Global South Climate Solutions | Four Systemic Actors tools - Global






The Four Systemic Actors tools are a set of tools to support designers, architects, planners, project managers to design circular solutions by framing their research and design processes in a systemic context. Instead of designing solutions with just the final (human) user in mind, the tools prompt us to design for four different interconnected actors: the Human, the Business, the Context (supporting infrastructure networks, laws, city, nation) and the Planet (energy, water, materials, other living beings).

**Challenge**

I am addressing the lack of systemic planning in modern design, architecture, project management. Sustainability is not an add on that needs to be measured after the research and planning phase with a Life Cycle Assessment (which is still a valid tool), it needs to be addressed as an integral part of the design since the discovery and development phases.

**Solution**

I have created a series of systemic design templates that can be used online on Miro or Figma or printed: a Systemic Research tool, Four Systemic Personas, a Systemic Service Blueprint, and Systemic Impact Assessment canvas. A latest addition is the Future Opportunities canvas, aligned with the Four Systemic Personas, the SDGs and the Paris Agreement objectives.

**Contact**

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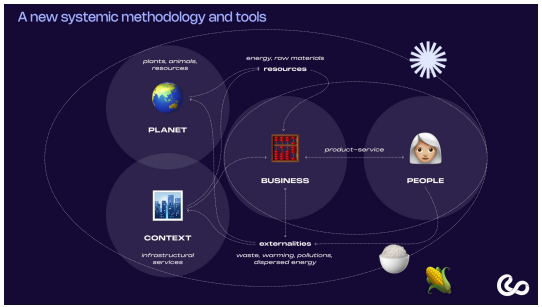

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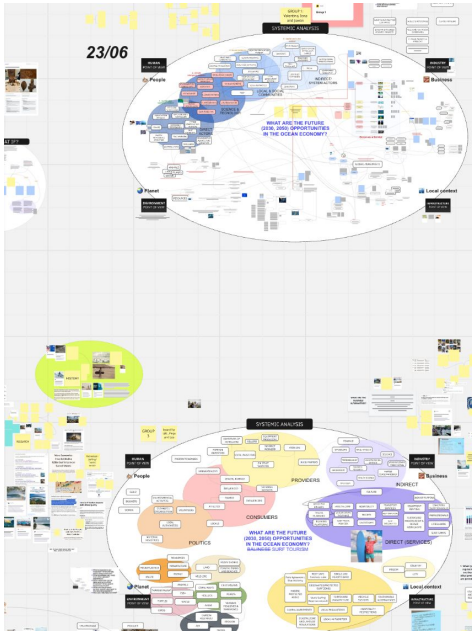





**Impact**
Used for 2 consecutive years to teach at 50+50 design students at Politecnico di Milano, School of Design elective master course, 3 years at Domus Academy Strategic Design master course (4, 12, 11 students), Poli.Design workshops (8 times x 30 students avg), PoliMi Graduate School of Management (3 x 10 students avg), Basque Culinary Center master course (30 students ca), TEDx Verona workshops (50-60 attendees) and further occasions. Used for corporate training in company skills development sessions (UniCredit, Develer, Electrolux, Radical HR and more) and for a compulsory Regional startup training course in Lombardy. Presented to 1000 attendees at the Climate Reality Training in Rome 2024, next to Al Gore.

**Partners**
Personal project, no funding or external support.

