

ESC SYSTEMS MAPPING TOOL

ESC Systems Mapping is a tool to help you explore the impact of your challenge on different stakeholders in the community through the context of policies, technology, infrastructure and environment.

WHY USE THIS TOOL?

By mapping the systems contributing to and affected by a challenge, you will be able to understand the community's context. This will also enable you to consider the dependencies and limitations of the problem and solution space.

HOW TO USE IT

1. Write down the relevant challenge identified for your community.
2. List the impacts of the policy, technological, environmental and infrastructural systems on this challenge, by answering the prompts listed under each section.

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Objective: To identify the systemic forces that positively and negatively impact the challenge

STEP 2 - PERSONALIZE YOUR CONSIDERATIONS: EVALUATIVE

What is the challenge you are trying to tackle?

POLICY
What economic and social policies affect the challenge? How do these policies impact or get impacted by the existing system? Who are the decision makers that can make or block changes to the existing policies?

TECHNOLOGY
What technologies affect the challenge? How do these technologies impact or get impacted by the existing system? Who are the decision makers that can make or block changes to the existing technologies?

ENVIRONMENT
What changes in the environment affect the challenge? How do these changes to the natural environment impact or get impacted by the existing system? Who are the decision makers that can make or block changes to the existing environment?

INFRASTRUCTURE
What city infrastructures affect the challenge? How do these infrastructural changes impact or get impacted by the existing system? Who are the decision makers that can make or block changes to the existing infrastructure?