

TERESINA | IMPLEMENTATION PLAN

Shelter Academy 2019



1. Challenges

What are the challenges in your city?

- More intense rains: increasing water runoff and flash floods, and also river floods. Current drainage plan doesn't consider climate change impacts on rain patterns. Lack of local expertise to conduct proper assessments on vulnerabilities by building climate impacts scenarios.
- Increasing heat: increasing number of very hot days per year, worsening air quality, unexpected health issues (heat health related issues), increasing wildfires, drought, possible migration flows to do more fragile agriculture activities.
- Lack of financial resources at city level to implement structural solutions for climate adaptation. Fragile support on national level to implement climate action.

2. Solutions

List of solution: what could help you to face your city's challenges?

Challenges	Solutions
Unpredicted rain patterns and floods;	Review and upgrade Drainage Plan to a Water Plan that considers climate change impacts and adaptation;
	Contact possible expert partners institutions for supporting local experts and build more capacity.
Increasing Heat	Conduct a Heat and Health Impacts Assessment to support program review on health policies.
	Integrated Nature Based Solutions approach to tackle Heat and Floods challenges.
Financial Support	Climate Adaptation Action Plan to support fundraising strategies with external partners

3. Implementation plan

Short term actions (2019 – 2020)

- Review and upgrade Drainage Plan to a Water Plan that considers climate change impacts and adaptation;
- Contact possible expert partners institutions for supporting local experts and build more capacity.
- Conduct a Heat and Health Impacts Assessment to support program review on health policies.
- Design Integrated Nature Based Solutions approach to tackle Heat and Floods challenges.
- Capacity Building Strategy with municipality departments to integrate climate adaptation strategies on current actions.

Long term actions (after 2020)

- Build Climate Adaptation portfolio (including Climate Action Plan, Water Plan) to support fundraising strategies with external partners;
- Implement Integrated Nature Based Solutions wider strategy.
- Implementing Waterplan;