

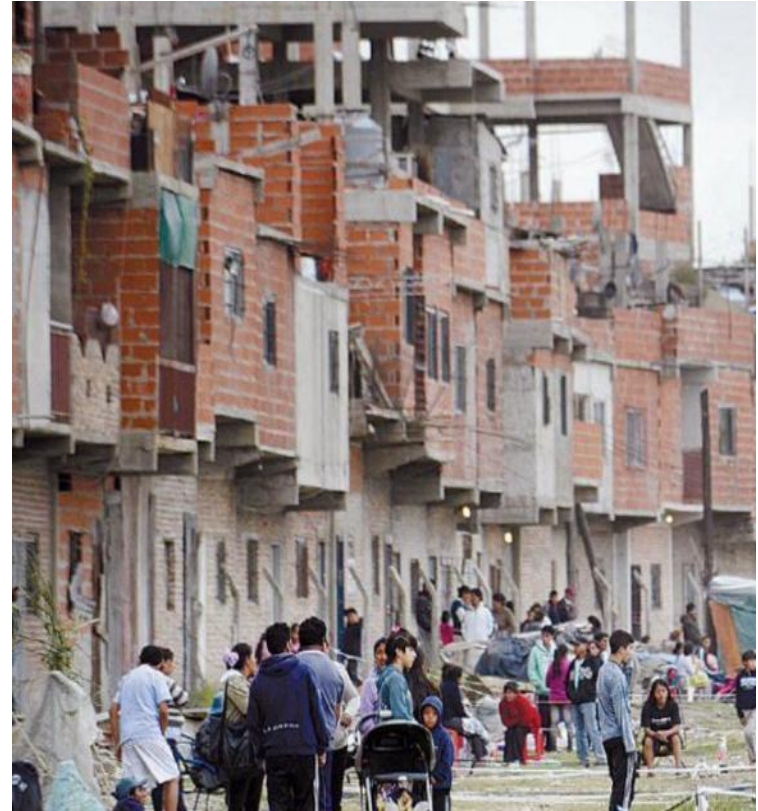
1. Institutional setting

- Villas: informal settlements with high social, environmental and health vulnerability, developed without urban planning
- Areas exposed to high temperatures and floods, the lack of green infrastructure (GI) (green spaces, trees) amplify the impacts
- Buenos Aires integration & reurbanization of informal settlements Plan: need to consider ecosystem services of GI in mitigation & adaptation to climate change.
- GI overlapping government responsibilities in informal settlements
- Inhabitants demand for GI



2. Starting point/Project goal

- Informal settlements: high population density and low density of trees and green spaces making impacts of climate change (heat waves and floods) much more critical
- UGI: reduce impacts of climate change and promote social interactions in spaces mainly used by women, children and older adults



Objective: Carry out a tree and green spaces census in informal settlements that allows current situation visibility and need to be consider in reurbanization plans

3. Approach

- Analysis of green spaces and linear trees from Google Street View images (2016-2017)
- Survey in territory (census) by local contact persons whit Project 30 Green Blocks, Amartya ONG and EPA: trees by block, size and location
- GI Map using QGIS free Software
- GI baseline for Villa 20 reurbanization plan and proposal of climate change adaptation measures



4. Outputs

- Villa 20 baseline map of the GI
- Identification of critical points
- Diagnostic report of the GI situation, from the perspective of adaptation to climate change with environmental and social recommendations for intervention in territory



1 tree/52 inhabitants

WHO: 1tree /3 inhabitants and a minimum

5. Lessons

- Involve local contact persons
- Consider impacts of climate change to plan the reurbanization of informal settlements and propose adaptation measures
- Coordinated and integrated work between different areas of government (Housing, Environment and Communes)
- Reurbanization is an opportunity to compensate for deficiencies in green space and linear trees.



6. Follow up

- ✓ What could be good strategies to apply in the corridors since they do not have enough space to plant trees?
- ✓ Could the vertical space be used to implement innovative green infrastructure options?
- ✓ How to involve the inhabitants in the care of linear trees and green spaces? (some trees that were planted in the past didn't survive)

