

A8 Action

LIFE UrbanGreening Plans

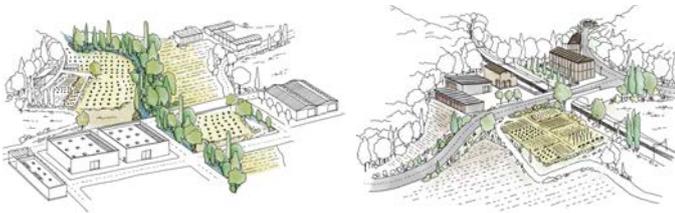


This action aims to assess the future urban master plan of the metropolitan area of Barcelona using social and ecological indicators to improve urban policies towards a better agroecological transition.

It analyses the territorial and metabolic consequences of adopting differential forms of green infrastructure planning and management. Furthermore, it seeks political and technical agreements and consensus between the metropolitan municipalities.

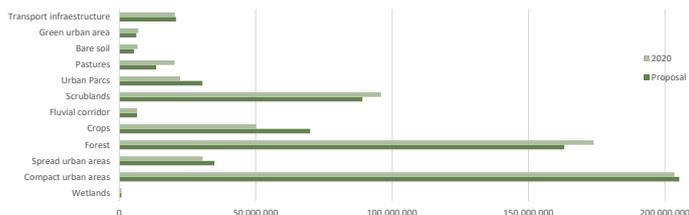
OBJECTIVES

- Promote and maintain the Green Infrastructure
- Local and metropolitan partnership
- Territorial planning policies
- Biodiversity enhancement
- Agro ecological transition
- Adapt to climate change



DEVELOPMENT

The action improves the master plan proposal thanks to the assess and the analysis of the results of two sub-actions. First of all, developing socioecological studies comparing land cover scenarios (current, trending, and the master plan proposal) and analyzing the results identifying which one can assess better climate change adaptation. Second, analyzing the technical and political response of the proposal and its effects.



Comparison between current land cover (2020) and the proposed land cover scenario (masterplan)



68%
GI

636
km²

36
municipalities

3.303.927
residents

CONCLUSIONS

The evaluation of the socioecological studies helped to understand the real effects of the urban proposal of the master plan. Some of the main conclusions would be:



An **operational green infrastructure** is an essential structural element of the metropolitan system, as it can provide multiple functions and services.



Multifunctional contribution of the **agroforestry mosaics**, which have a positive impact both concerning the dimensions related to the landscape functioning, as well as those that refer to metabolic flows.



The evaluation of different **land cover scenarios** allows us to analyze territorial and metabolic consequences of adopting differential forms of planning and management of the green infrastructure.

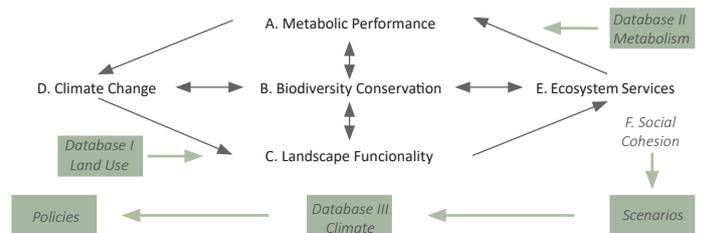
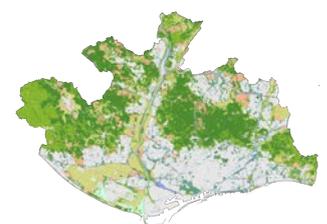


An **innovative tool** that allows us to monitor the territory and evaluate the effects of the actions.

Master Plan Proposal



Land Cover Scenario



Socioecological Integrated Analysis (SIA)

