
The concept

Most residential neighbourhoods from the big cities in Romania face significant issues at a functional and structural level:

- A shortage of Green and leisure public spaces accessible by walking;
- A lack of involvement from the part of local communities in urban development processes;
- A lack of attractiveness, comfort and energy efficiency of the building blocks and adjacent spaces built during the socialist era;
- A shortage of infrastructure for non-motorized transport.

The pilot project RegenOradea 2030 is aimed at combating these deficiencies, through an integrated urban development process in four main phases:

Phase I

Starting with the regeneration of the Piazza on Magheru Square no. 6-8, the project aims to create until 2030 a Green, public multifunctional space/neighbourhood centre in each of Oradea's residential districts that comprise of blocks. Akin to the pilot co-urban project started in 2018 in the Velența and Rogerius areas, the local communities are invited to influence the development process through a number of participative design seminars that will take place prior to defining the feasibility study and technical project.

Phase II

The project aims to regenerate the building blocks that are adjacent to these future Green, public multifunctional spaces/neighbourhood centres, through: consolidation and thermal isolation (where it is the case); updating the facades from an aesthetical and protective standpoint (reconstructing the exterior finishing, building decorative framings and Green vertical elements etc.); and, where possible, building Green roofing systems on the upper terraces. These works for regenerating the adjacent building blocks should take place, ideally, after the construction works for each neighbourhood centre.

Phase III

The project aims to develop a Green urban mobility axis that unites the proposed neighbourhood centres among each other, and among each one of them and the central hub on the Magheru Boulevard. Such a Green axis comprises of pedestrian and cycling lanes, leisure areas and landscape arrangements along the route, and of Park and Ride centres for bicycles and light electric vehicles. Furthermore, each neighbourhood centre should be equipped with electric battery recharging stations. An electrified public transport line could serve the newly created route.

Phase IV

Corresponding with the global tendencies and the future Green Deal Accord, the project aims as a last step to equip the newly regenerated neighbourhood centres and adjacent building blocks with sustainable systems: photovoltaic panels; systems for rainwater reuse; LED lighting etc.