

# QUIZ 5 - PLANNING A SUSTAINABLE URBAN PARK



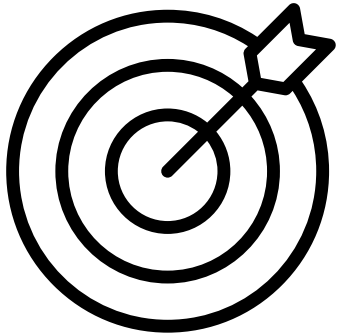
Co-funded by  
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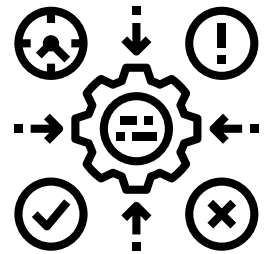


## Objective:

Develop critical thinking skills through practical application in ecological planning. Participants must demonstrate the ability to analyze, synthesize, and evaluate by applying these skills to a real-world project that has tangible implications for the community and the environment. This use case allows participants to apply theoretical knowledge in a practical context, while also enhancing their spatial thinking, strategic planning, and interdisciplinary communication skills.

## Context:

The city aims to transform an unused urban space into a park that is both functional and sustainable. The goal is to create an area that supports local flora and fauna, offers residents a place for recreation and ecological education, and positively impacts the local microclimate.



## Guidelines

### The park project must include:

- Green areas with native plant species
- Rainwater management and irrigation systems
- Recreational zones for residents of various age groups
- Educational pathways focused on sustainable development

## Task for participants

You are a project team responsible for developing the concept of this park. Your task is to create a design that meets the outlined guidelines while being innovative and economically efficient.

## Steps to complete



**Analysis:** Identify the key environmental issues that the park could help address (e.g., reducing urban heat, water retention).



**Planning:** Plan the layout of the park's components, such as green areas, water pathways, playgrounds, and relaxation zones.



**Designing:** Create innovative solutions for managing natural resources, such as water and vegetation, that will support biodiversity and sustainable use.



**Presentation:** Prepare a presentation of your project, including the rationale for your chosen solutions, their environmental impact, costs, and social benefits.

# SUSTAINABLE URBAN PARK PLAN

