



# Astillero Spain



## CURRENT SITUATION

Stormwater ponds are common in urban areas, but many are poorly designed and maintained.

## NEGATIVE EFFECTS



Low treatment performance, eutrophication, invasive species, and limited ecological value in the area.



## SOLUTIONS

## Challenges

To upgrade existing stormwater ponds into multifunctional blue-green spaces to effectively



Treat runoff during rain events

Improve environmental quality, aesthetics, and community use



WATERSENS will use **walkable Phytobatea® Floating Treatment Wetlands** to improve stormwater ponds in two stages:

- At the inlets: FTWs slow the flow and filter solids, nutrients, organic matter, pesticides, and heavy metals
- In the pond: Circulated water passes through FTWs to boost oxygen, reduce nutrients, and prevent eutrophication.