GREENO2 Cultural Contest – Winning Entry and Contest Results

"Rain Breeze" - a student concept for Monte Ciocci Park, Rome

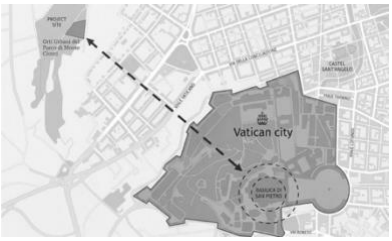
Winning entry: Raihana Zebbache

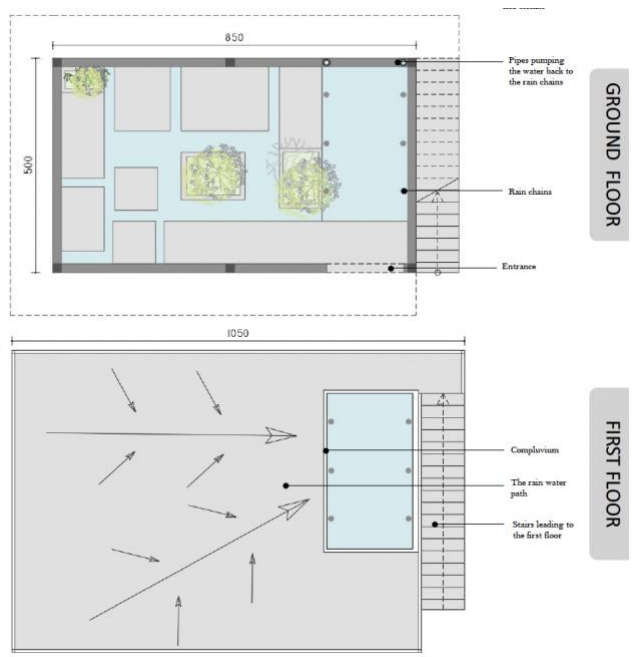
The GREENO2 Cultural Contest selected *Rain Breeze*, a pavilion concept designed for Monte Ciocci Park in Rome. The proposal explores how a small architectural structure can make rainwater collection visible and participatory, connecting water management, green infrastructure, biodiversity and community use.

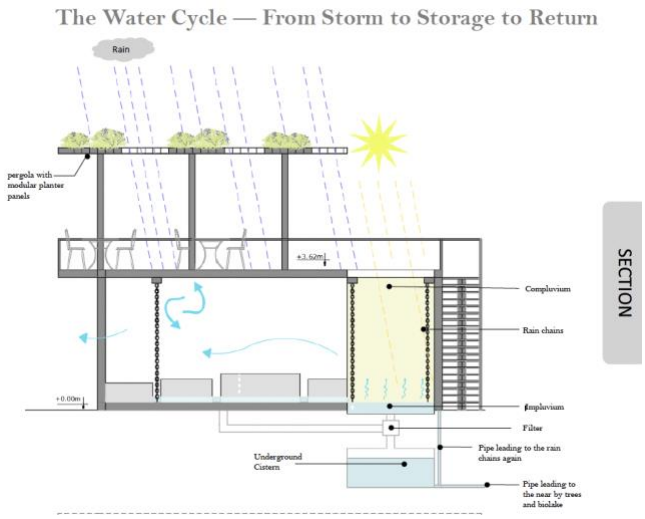
Winning Concept

The concept is organised around the collection, storage and redistribution of rainwater. Rain falls onto a pergola with modular planter panels and is directed towards a central *compluvium*. From there, water is channelled through suspended rain chains into a shallow basin and subsequently towards filtration and storage. The proposal envisages possible uses for the collected water, including irrigation of surrounding trees, recirculation through the rain chains and connection with the nearby biolake.

The design also incorporates a shallow internal water basin, raised stone platforms, aquatic vegetation and modular planter elements. The submitted concept presents these components as part of a visible water cycle and as elements capable of creating a sensory and communal experience.







Representative detail from the winning submission. Original concept and graphic material by Raihana Zebbache.

Design Features Presented in the Winning Submission

Water collection	Pergola, compluvium and rain chains form the visible collection system.
Storage and redistribution	The proposal includes filtration, an underground cistern and redistribution towards trees, rain chains and the nearby biolake.
Green and biodiversity elements	Modular planter panels, native aquatic plants and small trees are integrated into the pavilion concept.

Technical review and further development

The concept was reviewed from an engineering perspective by Prof. Andrea Petroselli, hydrology and hydraulics expert at the Università degli Studi della Tuscia (UNITUS). The review considered the overall approach realistic and aligned with sound water-management principles, while noting that further technical development would be required for implementation. In particular, the concept would need appropriate sizing of the drainage surface, seasonal rainfall and runoff coefficients, consideration of evaporation losses, and practical elements such as debris filtration, first-flush management, overflow provision and controlled flow towards the biolake.

GREENO2 Outcome and relevance

The winning entry illustrates the type of creative and forward-looking student engagement that the GREENO2 Cultural Contest was intended to stimulate. Rather than representing a completed engineering design, *Rain Breeze* is a concept that connects the themes addressed by GREENO2 with a concrete urban green-space context. Its relevance lies in translating ideas around green infrastructure and environmental awareness into a tangible proposal for water-sensitive design and community interaction.

The proposal also creates a direct conceptual link with the REALURBANGREEN pilot area at Monte Ciocci, where a pergola and biolake intervention is planned. The synergy provides an opportunity to connect educational and creative work developed through GREENO2 with an ongoing urban green-space and Citizen Science context.

Evidence and attribution

This document records the winning entry of the GREENO2 Cultural Contest and provides a concise description of the submitted concept. The reproduced visual detail is taken from the winning submission and is attributed to Raihana Zebbache.

Source: Winning submission “Rain Breeze” by Raihana Zebbache, submitted for the GREENO2 Cultural Contest.

GREENO2

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