

Practice to be assessed and included in the Guidelines

**Number/code:** OM/SM23

**Title:** RAINWATER RECOVERY AND REUSE

**Guidelines section:**

<input type="checkbox"/>	Governance	<input checked="" type="checkbox"/>	Operational management		
		<input type="checkbox"/>	<i>Context of the event</i>	<input type="checkbox"/>	<i>Procurement</i>
		<input type="checkbox"/>	<i>Event</i>	<input type="checkbox"/>	<i>Mobility and logistics</i>
		<input checked="" type="checkbox"/>	<i>Stadium management</i>	<input type="checkbox"/>	

**Description:**

Day after day there is a high consumption of water in flushing, baths, clothes washing and diverse washes. Since these operations do not require the use of potable water, the recovery of rainwater for these operations is increasingly seen as a key point in the strategy to combat water lack.

The compact stormwater systems allow the treatment and storage of rainwater and grey water, in order to allow their reuse in conditions of total efficiency and hydraulic - sanitary safety.

Rainwater and grey water after treatment can be reused in the following uses:

- Washing of floors and/or stadium benches after each game or at cleaning times;
- Discharge of flushing;
- Irrigation of turf area.

To complement, it will be of interest to use:

- flow reducers on all faucets and showers in the stadium;
- Install shuffling with double discharges;
- Flow reducer in compressors used for cleaning the stadium.

**Environmental benefits:**

Creation of a strategic water reserve, useful in periods of lack of water due to temporary interruption of supply (breaks, drought, ...).

Preservation of natural resources (water), reducing their consumption and thus contributing to their preservation and sustainable use.

### **Economic benefits:**

Management and optimization of consumption with consequent reduction of the cost associated with the consumption of drinking water quality.

### **Applicability and replicability potential**

This practice can be applied to all stadiums (bathrooms, bars and restaurants, offices, etc). The replicability potential is linked by the acquisition of the products for the system installation.

### **Source**

[Rainwater Recovery \(spanish\)](#)

[Field irrigation and water recycling](#)

[Green Clubs Environmental Module](#)