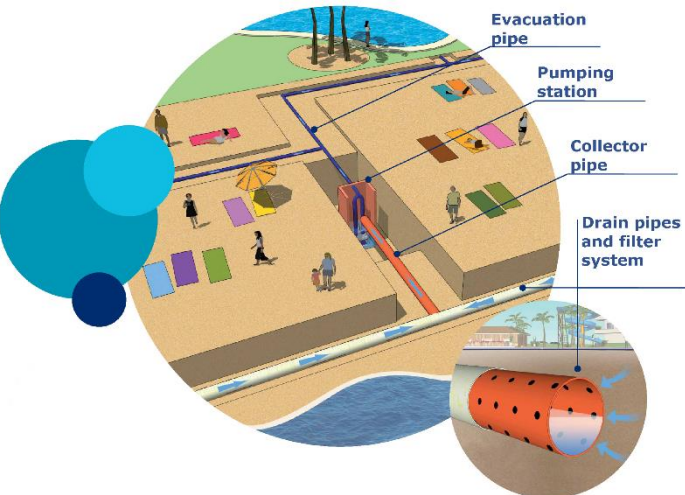


THE PRINCIPLE

The Ecoplage® System consists of:

- ~ **One or several drains buried under the beach**, parallel to the coastline. The seawater infiltrates the drains by depression, insuring the desaturation of the sand
- ~ **Collector pipes and transport pipes** ensure that seawater inside the drains goes to the pump station by gravity
- ~ The **pumping station** is aimed to evacuate the filtered seawater
- ~ **Each system is unique** and adapted to the beach, the environment and the needs
- ~ **Zero negative impact** on the fauna and flora, nor on the neighbouring shorelines



BENEFITS



Up to
2000m³/h
Of Filtered
Seawater

Because of the dewatering of the beach, Ecoplage® can **reduce, or even, stop coastline erosion** and facilitates a natural accretion of the beach.

The combination of both filters, the drains, the beaches natural sand and their own filtration, produces a significant quantity of **highly filtered seawater**. It is a sustainable system that works and helps reduce energy consumption and therefore costs. Numerous applications are possible, depending upon local needs:

- **Oxygenation of lagoons, harbours, marinas...**
- **Water supply of water for swimming pools, sea spas, thalassotherapy...**
- **Provide water for basins for fish/shellfish farms and marine centres**
- **Provide a heat pump to produce heat and/or cool infrastructures (AC)**
- **Provide a desalination plant to produce drinking water**
- **Etc.**