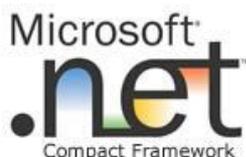
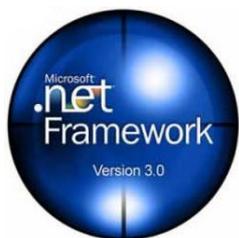




GestGarden

**Several million litres of drinkable water are wasted on irrigations everyday. We just want to manage irrigations efficiently. Technology will help us!**

Developed With:



Drinkable water is increasingly rare. **1.1 billion people** in the world do not have access to drinkable water and **1.8 million children** die every year as a result of diseases caused by unclean water and poor sanitation\*. These situations could be avoided, or at least highly reduced, with the use of efficient water consumption systems. When public gardens are irrigated, city halls are not concerned about that at all. The duration of the irrigations is not adjusted to the weather conditions and the schedules are usually wrong. With GestGarden these kind of waste would not occur. Implemented with the latest Microsoft technologies like Windows Workflow Foundation and Windows Communication Foundation, GestGarden is an automated system that enables you to control gardens irrigation through a Web Browser or a Pocket Pc.



GestGarden

**Trying to make the world a better place.**

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How it works?

GestGarden is a distributed system that automatically manages efficiently the Gardens irrigations. Every time one is scheduled, a weather service is consulted. With the information received the real irrigation duration is defined. There is no need to irrigate gardens on rainy conditions, right?

With the web application you can control the configurations, start/stop the sprinklers and consult if there is any failure.

The Maintenance Crew have the ability to control the garden irrigation or consult/report any failure that occurred, using a Pocket PC application.

\* [www.wateraid.org](http://www.wateraid.org)