

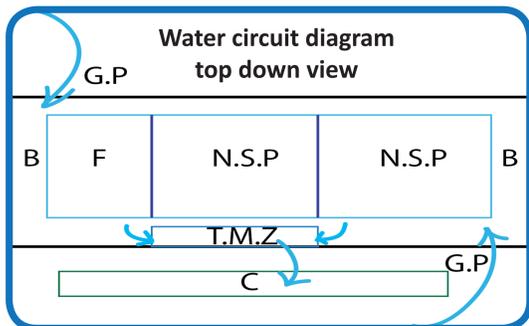
From Rain Drops to Great Jobs

Current Situation

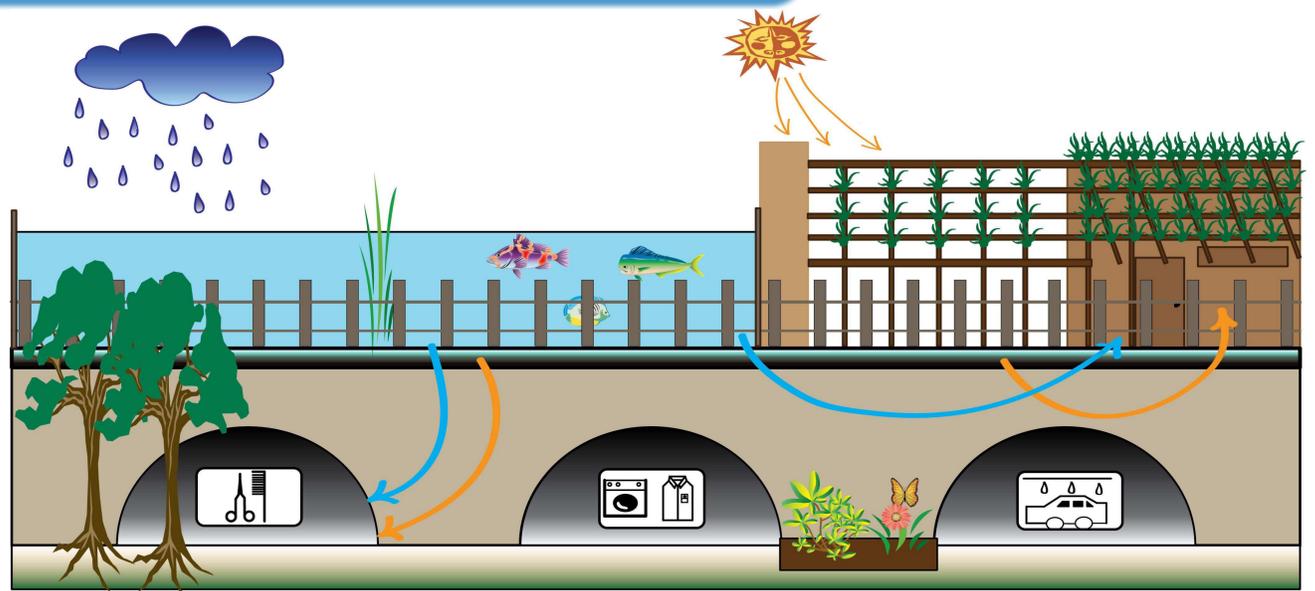
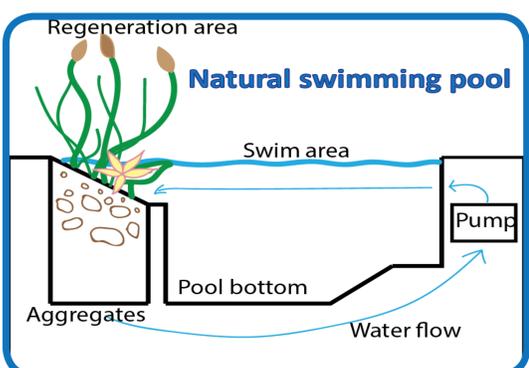


Climate change is an undeniable phenomenon that imposes some new challenges. From among these, the city of Rotterdam faces flooding due to increased rainfall. In order to find ways of dealing with this aspect, the city districts of Zomerhofkwartier and Agniesebuurt, together called ZOHO, are brought to focus.

Blue Approach



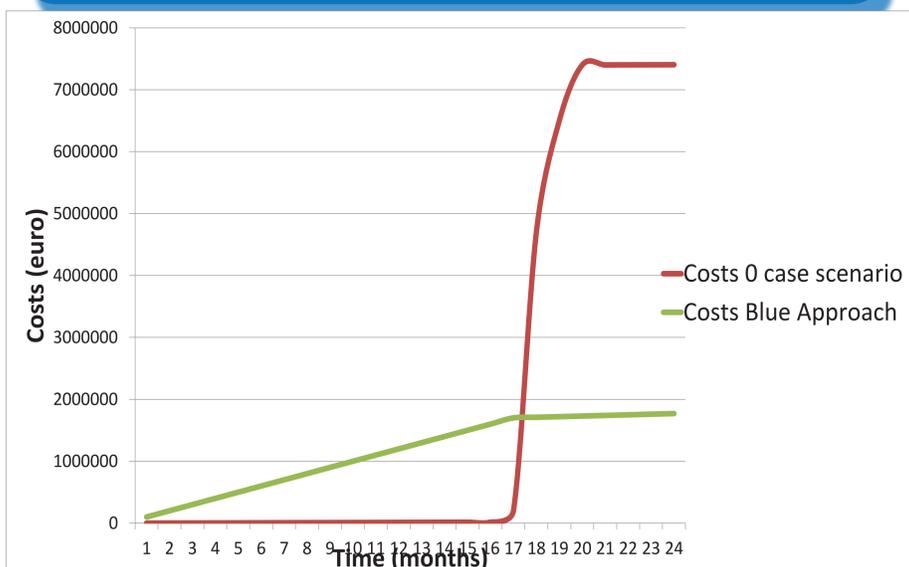
G.P- Green pipe; C- Consumers; B- Buffer; F- Fishery
TMZ- Treat./Monit. zone; NSP- Natural Swimming Pool



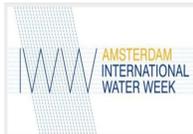
Citizens say: "We would love to have access to a swimming pool and cheaper housing !"

Rather than simply disposing of water, our approach focuses on using it as much as possible. Rainfall will be collected from rooftops through a network of pipes connected to two "arteries": the Green Pipes. The water will then power up a complex system, allowing for natural swimming pools and a fishery to function. Downstream, different consumers can benefit from locally sourced water, with added benefit of a pleasant microclimate. Maintaining a green approach, the use of SolaRoad technology will allow for power savings. Also, encouraging entrepreneurs to "set up shop" and building green dorms will breathe new life and bring profit to ZOHO. Lastly, rain gardens and places where people can express their creativity will knit the community together.

Investment Return



Wetskills Netherlands 2015 sponsors, partners and host organisations:



Benefits

- Microclimate improvement
- Flood/ drought periods management
- Beautifying a grey area of the city
- Economically attractive
- New, modern safety measure
- Research can lead to high consulting revenues
- Empowering social aspects