

About DWC

About DWC:

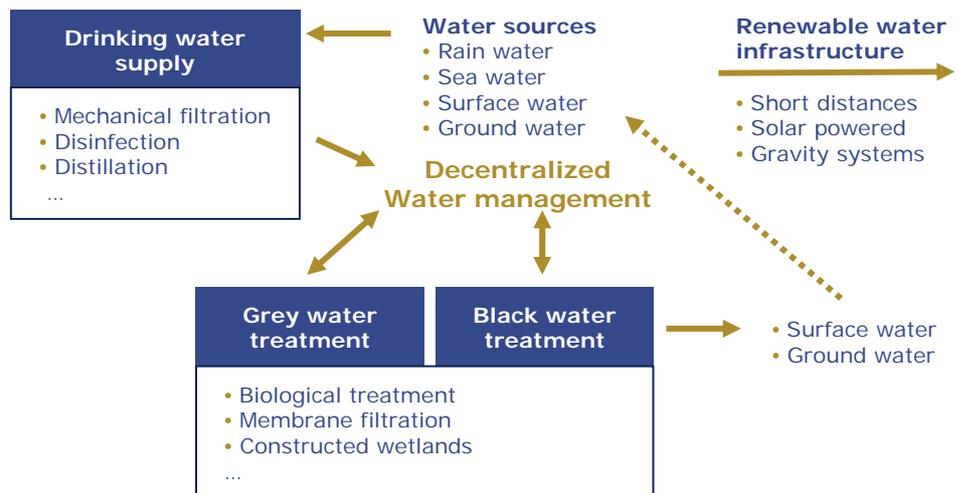
DecRen Water Consult is consulting clients in all areas of integrated and sustainable water supply and waste water management. By focusing on **decentralized**, appropriate and **renewable** powered technical solutions we can offer cost efficient and individual solutions from a single source. The benefits for our clients are a long term secure water supply in sufficient quantities at lower costs combined with the effective management of waste water.

DWC offers the following services:

- General water & energy consultancy
- Problem analysis
- Selection of high tech, low tech or appropriate technologies and processes
- Installation
- Social and technical integration of different solutions
- Training/ Capacity building
- Financing (optional)
- Maintenance and repair (locally/remote)

Integrated water management

Integrated and decentralized water management means not offering a single technology for a particular problem but rather combining a number of different options to solve the overall water problem locally.



Water sources

A number of different water sources are examined and considered in the overall solution. We look in detail what water is available when, in what quantity and in what quality. Only then we could propose the best way to gain different water qualities for different purposes using the most appropriate technology.

Drinking water

Only a fraction of the daily water supply is required to have drinking water. We look at different ways how to provide drinking water in the most cost effective and long term sustainable way.

Grey water

Grey water is little contaminated sweet water coming from showers or bath. Depending on the kind of contamination and the amount of water we look at ways how to best treat that water. We do not consider this as waste water but rather as a water resource to be utilized. Depending on the re-use purpose we could recycle any waste water according to its later use.

Black water treatment

Here we look at waste water from toilets. Apart from using less water in the flushing process or the separation of the materials we look at the overall sanitation concept that does not need a centralized waste water treatment but rather solves any sanitation problem locally.

Surface water / ground water

The treated waste water is locally available for different purposes. If you would like to use the treated water again in agriculture, in your garden, for ground water recharge or to be used for toilet flushing, shower or even drinking water is just a matter of the local requirement.

Renewable water infrastructure

There is no added benefit of a large, centralized water or energy infrastructure. Smaller, decentralized distribution networks are not only cheaper to build and to be powered by renewable energies but they are also less vulnerable to damage and therefore much more reliable.

Contact

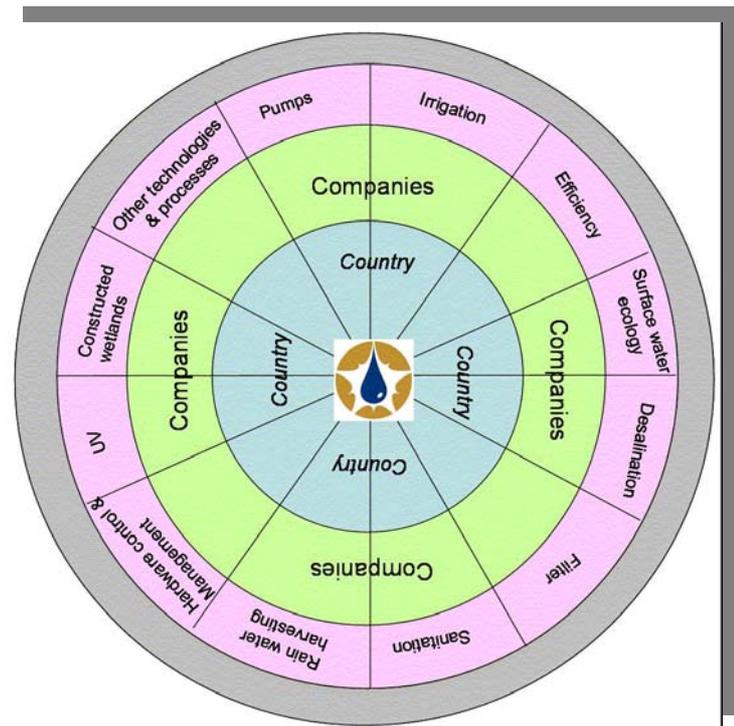
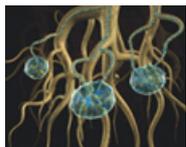
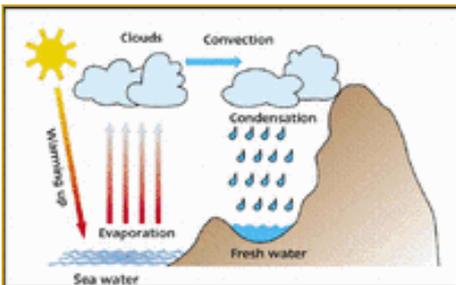
DWC DecRen Water Consult
Oliver Kopsch
Balduinstrasse 32
D-54290 Trier

Tel/Fax: +49 (0)651 4357471
Mobil: +49 (0)171 882 76 44
E-mail: oliver.kopsch@dwc-water.com
Web: <http://www.dwc-water.com>
Skype: okopsch



About DWC

DWC's Bulls Eye: Holistic approach



Solar powered pumps

A well proven and affordable solution for decentralized applications.

Appropriate irrigation technologies

Whether drip irrigation, timer controlled gardening systems or any other appropriate technologies or processes, we choose for you the most suitable solution.

Water saving technologies

Apart from changes in the personal behavior and regular maintenance of the sanitary installation there are plenty of effective, technical solutions that achieve water savings without any compromises in comfort.

Surface water ecology

How to keep surface water clean and usable either for recreational use (hotel, golf course, residential areas) or as above the ground water storage or even for economical use (fishing, etc) is part of our scope.

Solar Desalination

From 20l/day to 400m³/day. We choose for you the best technology.

Filtration

Nano-, Ultra- or Microfiltration can all be driven by renewable energies and applied decentralized.

Sanitation

EcoSan (Ecological Sanitation) is more than just a name. We know where and how to apply it best.

Rainwater harvesting

For many countries the only source of fresh water. Harvesting, storage and maintaining its quality is key.

Hardware

Which system is best? Installation, training and maintenance to keep its functioning is our speciality.

Solar powered UV disinfection

UV technology is now affordable and applicable for smaller scale applications.

Cleaning and recycling water through plants

Constructed wetlands are state of the art technologies that can even run without any outside energy.

Our team consists of international experts in a number of different renewable based, water related areas and is very happy to assist you in any questions you may have. Together we develop a truly sustainable water supply and waste water treatment.