



SUBSEA INFRASTRUCTURE

Water shortage is the world's biggest problem affecting millions of people today. Climate change exasperates the situation creating sudden, unexpected crises.

The **Subsea Infrastructure** response is fast deployment of flexible, mobile desalination systems that are fully scalable and tailored to meet water needs anywhere in the world.

Our latest mobile desalination plant was fully operational within 10 months.

Supplying 20 million litres per day straight into the domestic system, helping to alleviate the ongoing shortages.



Cyprus

The prolonged water shortage in Cyprus has led to empty reservoirs and water usage restrictions for the local population. The increasing water requirements in Cyprus and the importance of tourism has led the Government to consider a number of mobile and permanent solutions to increase the supply of water. The effects of climate change will reduce the certainty of consistent rainfall in future years with sea water desalination an increasingly attractive alternative.

Water shortage issues

Cyprus is a tourist reliant economy in the southern Mediterranean

Cyprus has had minimal rain for 3 years

Reservoirs are very low

Water usage is increasing at a rate of 5-10% per year

Current solutions

Fixed and mobile seawater reverse osmosis desalination facilities

Increased water treatment facilities

Improved agricultural and industrial efficiency in water usage

Water tankers

Water rationing

A microcosm for the world water shortage



An increasing number of countries are already facing water shortages



The Subsea Infrastructure solution



Mobile onshore and offshore options

Subsea Infrastructure has developed a large capacity modular desalination solution for both onshore and offshore situations. The equipment is containerised and can be moved to alternate locations within a short period of time. The flexibility of our desalination solution allows for rapid execution and the provision of large quantities of drinking water to the local community.

Equipment can be redeployed to alternate locations

Civil and infrastructure works are bespoke

Links into local water supply

Potential to use shore based or the plant's own power solution

Contact

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