



Secure water supply

in times of climate change ...

- Water supply is a system-relevant task for which the regional water supplier bears a great responsibility.
- Climate change is causing prolonged dry spells in many places and posing increasing challenges for water suppliers.
- Seawater desalination offers a way to bridge temporary supply bottlenecks, especially in coastal regions, but requires extensive investment as a permanent installation.

... cost-effective and sustainable  
with Floating WINDdesal (FWD) ...

- Floating WINDdesal (FWD) is a mobile and sustainable seawater desalination technology. The customer has the possibility to book capacities from the FWD operator on demand and for a limited period of time, which results in a very cost-efficient alternative for bridging temporary supply bottlenecks.
- For future FWD operations, current resilience measures of the water utility are limited to the preparation of anchorages and feed-in points.



... enhance your resilience!

**SYNLIFT**  
industrial products

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## Frequently Asked Questions

### (FAQ)

#### How large is the FWD capacity that can be booked per operation?

Depending on the capacity and number of FWD modules used, drinking water can be supplied at quantities between 10,000 and 100,000 m<sup>3</sup>/d.

#### Which water quality can be supplied?

Drinking water is supplied according to WHO standard.

#### Are there limits to the duration of use?

*Minimum duration of use:* A duration of use of less than three months is rather unusual, but is not excluded.

*Maximum duration of use:* There is no de facto upper limit on the duration of use.

#### How long is the activation period?

Provided that the site-specific preparations regarding anchorage and feed-in point have been completed and the required FWD modules are currently available, it is assumed that the average mobilisation period from receipt of order to commissioning on site is approx. 3 months.

Additional agreements between operator and customer can increase the availability in case of need.

#### What are the costs for the customer?

The costs incurred are divided into a fixed (mob/demob lumpsum) and a variable (water price x delivery quantity) portion.

Both parts are determined project-specifically and agreed before the start of the assignment.

#### What are the prerequisites for FWD use?

In addition to the contractual requirements, the anchorage and submarine pipe routing shall be pre-planned and approved, and the feed-in point for potable water delivery on the mainland shall be planned and prepared for connection. This preliminary work shall be completed by the operator and the customer before the first operation begins.

*All the above information is without guarantee.*

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