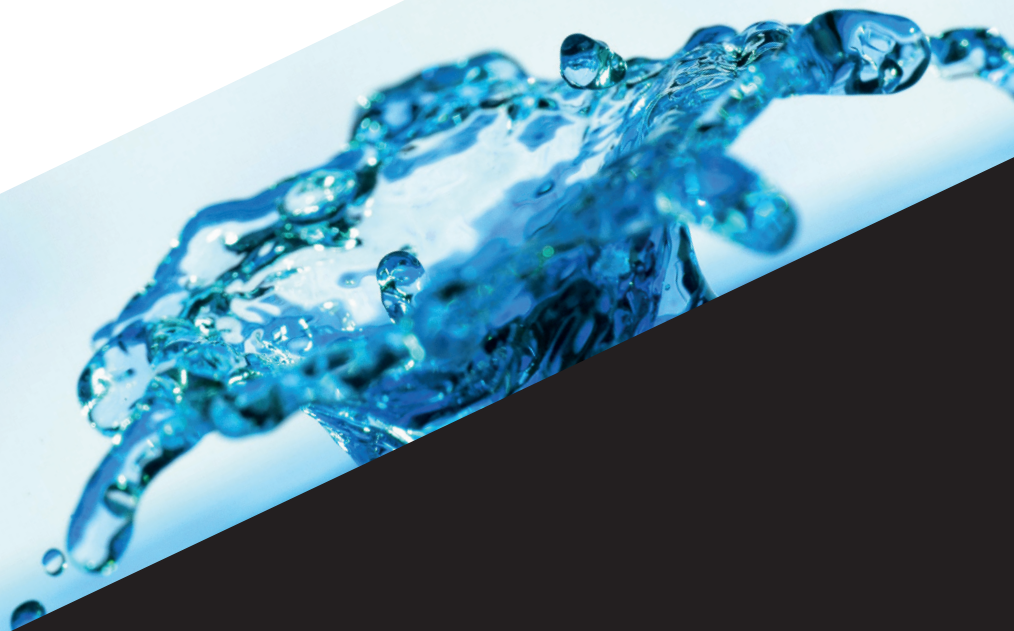


# WATER

# WHEN YOU NEED IT

GUARANTEED  
WATER WHEN NEEDED  
POTABLE WATER QUALITY

LARGE VOLUMES FROM  
NORWEGIAN MOUNTAINS

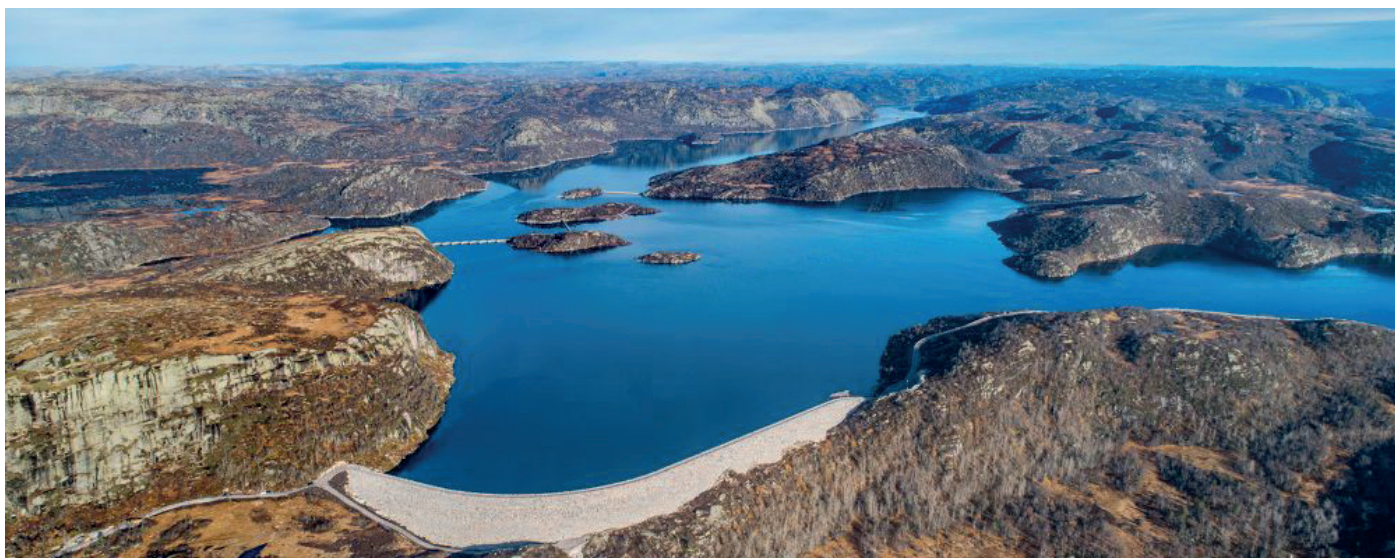


TRANSPORTED BY OUR LARGE POOL OF  
CLEAN SHIPS

DELIVERY TO DESIGNATED PORTS

WESSEL DISCHARGED WITHIN 24 HOURS  
TO LOCAL WATER DISTRIBUTION SYSTEM  
OR STORAGE

aquathor



## WATER QUESTIONS & ANSWERS

**Q:** Can you describe how you can guarantee water supply in emergency situations?

**A:** The world is suffering from a huge imbalance of water supply. Norway is blessed with gigantic water reserves. The dams connected to hydropower stations contains massive volumes of pure drinking water.

The dams have sufficient water, alimented by rain and snow from the mountains. It is today discarded and flushed into the fjords after it has run through the turbines creating electric hydro power. These volumes of water could serve a second time as massive reserve tanks for regions hit by drought.

**Q:** But how could the regions trust that this water would be made available to them on short notice when needed?

**A:** The water is readily available after it has served the primary mission of generating electricity. It is then captured and shipped. We have more than 40 tankers, regularly used for food transport, at our disposal. The needed volumes can be shipped on short notice.

**Q:** What is the quality of this water?  
Is it potable?

**A:** The water is extremely clean and very cold (4-8 C) and TDS is guaranteed below 10. It will follow the EU-rules of drinking-water quality and will also pass through a treatment before it is loaded and shipped.

- Pål Jacobsen, CEO Aquathor

## DELIVERY QUESTIONS & ANSWERS

**Q:** What about the quality of the water when it is delivered to the customer?

**A:** All our vessels can load food/agricultural products (including drinking water). There is a HACCP-framework in place to safeguard the quality of the cargo carried so that it is safe for human consumption.

We follow the international regulations set by "FOSFA" (Federation of Oils, Seeds and Fats Association) [www.fosfa.org](http://www.fosfa.org) which is the network that sets the guidelines for the cargo handling prior, and during, the transportation of food/agriculture products (water/drinking-water will fall under this category)

**Q:** What is required at the receiving end to ensure proper handling of the water?

**A:** There are three ways to receive the water:

1. Pump the potable water directly into the local water distribution system
2. Store the water locally in storage tanks or reservoir. The vessels pumps would be able to reach storage containers 1.5 km away from the dock
3. Unload, store and package the water to meet local industry's need for top quality water.

**Q:** What would be needed to set up the reception area?



A: The vessels can normally discharge its full cargo within 24 Hours with a possible discharge rate of more than 1250 cbm/hour  
Aquathor has solid shipping and maritime expertise and will help you choose the optimal solution  
A pilot delivery is needed to develop a long-term guarantee.

- Torfin Eide, Partner & Maritime operations



Photo: Hansa Tankers

## DELIVERY OPTIONS

- Transported by our pool of ships between 20-30.000M3
  - Flexible discharge
  - Straight into local water system (1,5 km distance)
  - Into local storage
- Aquathor has maritime competence to help you organize deliveries
- Pilot delivery needed to guarantee system

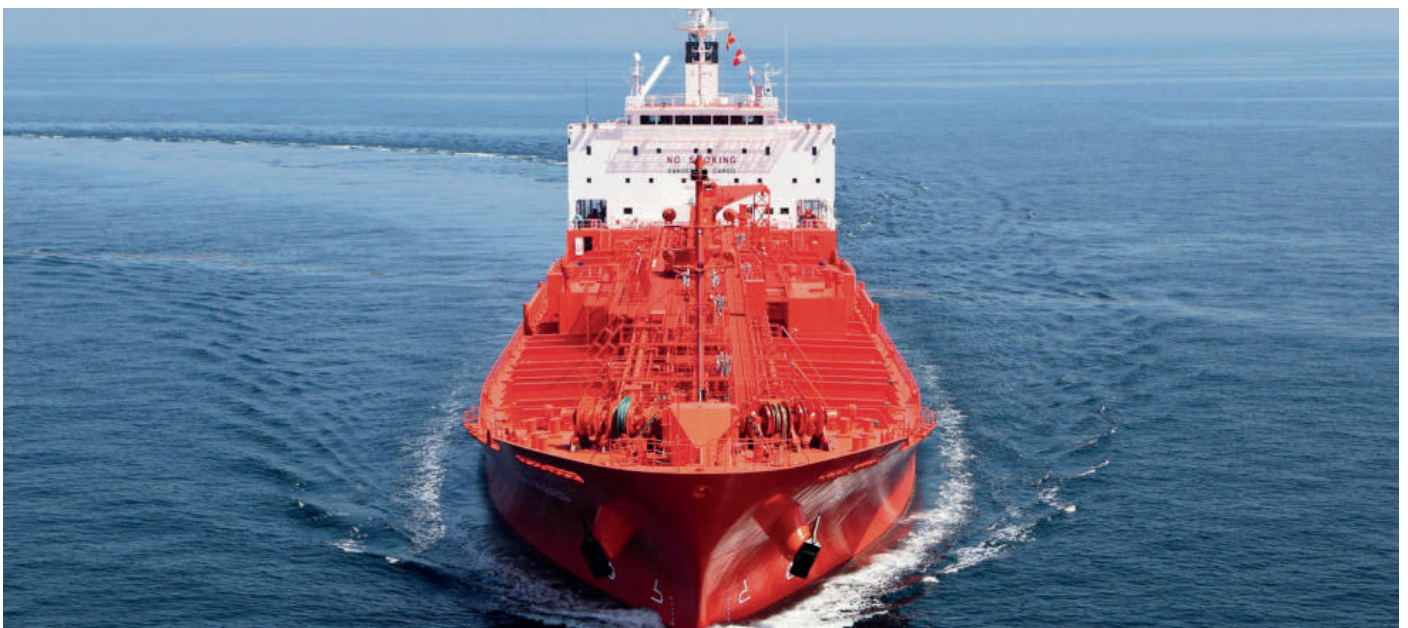


Photo: Hansa Tankers

## AQUATHOR AND PARTNERS

Aquathor has maritime competence and innovative solutions for transport and discharge. Our Hydro power partners owns large water resources and are producing renewable energy to the Norwegian grid.

The Hansa Tankers fleet consists of vessels with stainless steel tanks transporting all types of food-related products in bulk worldwide.

## ABOUT AQUATHOR

Aquathor AS was established in 2018 by four partners with international business backgrounds. From different perspectives they had all experienced and followed droughts and water problems globally. Together they wanted to do something about this unfair imbalance.

Aquathor focus on this imbalance - we can shuttle top quality drinking water from abundant sources to public utilities in need of steady supply, or to crisis zones on an occasional basis.

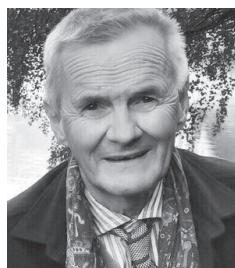
Norwegian hydro power stations that are situated close to deep fjords and with large dams are our natural partners. With financial support from Innovation Norway and close co-operation with the Norwegian Food and Drinks Authority we have developed an excellent project together with two regional hydro power companies.

Together with SFE and our shipping partner Hansa Tankers we are able to deliver water at short notice to cushion the effect of shortages.

## CONTACTS IN AQUATHOR

How can Aquathor help your region towards water stability? We strive to be your trusted partner to prevent water scarcity in your region

Do not hesitate to contact us for informal discussions, advice and explorations on how Aquathor can ensure water supply.



Pål Jacobsen  
CEO, Aquathor  
pji@aquathor.com



Georg Sverdrup Onsrud  
Chairman/Partner, Aquathor  
gso@aquathor.com



Ole Gjøstøl  
Partner, Aquathor  
og@aquathor.com



Torin Eide  
Partner, Aquathor  
te@aquathor.com

[www.aquathor.com](http://www.aquathor.com)

aquathor  
PURE MOUNTAIN WATER

Grandegata 48, 6210 Valldal Norway  
Tel +32 476 34 94 93

