

# Cleantech solutions

Vacuum collection  
Wastewater treatment  
Dry and wet waste treatment  
Fresh water generation  
Systems automation



*Cleantech Solutions.  
Anywhere.*





# Global leader

Evac is the world's leading provider of integrated waste-, wastewater- and water management systems for the marine, offshore and building industries.

# 20,000

Marine projects





# 1,500

Offshore projects

# 2,000

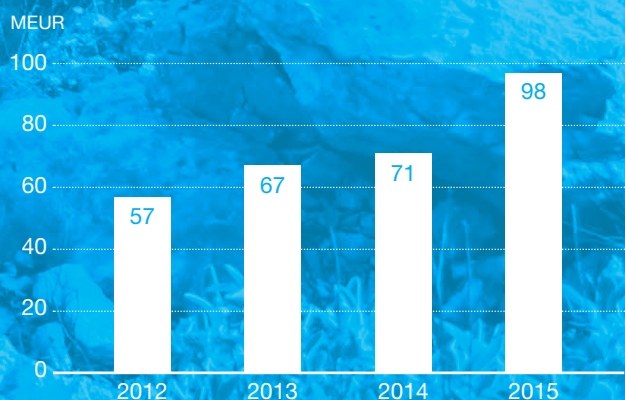
Building projects



## Turnover

Thanks to our successful 40-year history we have an outstanding customer reference record. Our cleantech engineering professionals all over the world have completed over 20,000 marine, 1,500 offshore and 2,000 building projects.

Our financial growth continues to reflect our expansion in product offering.







# Evac Complete Cleantech Solution

Evac is the world's leading provider of integrated waste-, wastewater- and water management systems for the marine, offshore and building industries. We are a complete integrated solution provider whose products meet all your needs.



## Benefits of choosing us as your single provider

Simplified project coordination

Clear division of responsibility minimizes risk

Savings in time, human resources, and money

Simplified system interface management

Smooth integration and systems control

One stop shop for after-sales service with global footprint

Wide range of available spare parts



### Vacuum collection

Vacuum collection systems for wastewater and condensation water



### Wastewater treatment

Biological (MBBR and MBR) and electrolytic wastewater treatment systems



### Dry and wet waste treatment\*

Bio sludge treatment, dryers, incinerator systems, waste briquetting and other waste compaction equipment, food waste collection and treatment equipment



### Fresh water generation

Reverse osmosis, seawater desalination units and potable water treatment equipment



### Systems automation

Integrated automation and control with personalized interface for all Evac systems

\*Solutions for building industry customers are sold by Bvac



## Our main customer segments:

### Marine:



Cruise vessels



RoPax vessels and ferries



River cruise vessels



Yachts



Cargo vessels



Navy and coast guard vessels



Workboat and special vessels

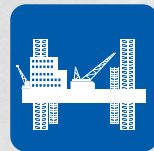
### Offshore:



Accommodation vessels



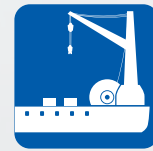
Construction and pipe laying vessels



Jack-up drilling rigs



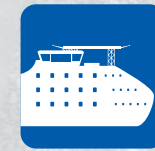
Drilling rigs



Crane and heavy lift vessels



Semisubmersible platforms



Support vessels

### Building:



Healthcare facilities and laboratories



Correctional facilities



Supermarkets, warehouses and shopping centers



Universities, offices and institutions



High traffic areas



Leisure and hospitality facilities





# We know your industry

Evac is an innovative forerunner with one hundred patents granted or pending. We have an in-house product development department designing new systems and constantly developing existing ones. Our technology specialists also support our customers' engineering departments in finding the best, most cost-effective solutions for each specific need.

We are proud of our systems which minimize the environmental footprint of our customers. Our durable, carefully-tested solutions bring cost savings via uninterrupted operations and lower maintenance costs.

We are experts in systems developed specifically for the marine, offshore, and building industries.

Evac has received the ISO 9001:2008 Quality System Certificate, ISO 14001:2004 Environmental Management System Certificate and the OHSAS 18001:2007 Occupational Health & Safety Management Systems certification.







# Sydney's 6 stars office building

Cbus Property's flagship office development in Sydney is located at 1 Bligh Street in the heart of the city's financial district. The building needed to be rated 6 stars Green Star and 5 Star NABERS Energy. Evac provided a cost effective solution for full flexibility and great water saving features.

Evac supplied the vacuum collection system to collect wastewater from the building's middle and upper floors. The system allows the building owner to greatly increase the net leasable area. Vacuum access points on each floor collect effluents from the

drains. Tenants enjoy full flexibility on equipment placement and future retrofits do not require digging into the slab. Tenants may install toilets, showers, basins, and kitchenettes anywhere on the floor plate.

The Evac system contributed to the high green standards of the building, thanks to the very low water consumption of Evac toilets – 1.2 L per flush compared to conventional 6 L consumed. In addition, the system offered full flexibility for equipment placement and a great increase in net leasable space.





# Royal Caribbean's *Oasis* and *Allure of the Seas*

The Evac Complete Cleantech Solution can be found aboard the *Oasis of the Seas* and her sister ship the *Allure of the Seas*, owned by Royal Caribbean International and built by STX Finland (operating as Meyer Turku since 2014). These two Oasis-class cruise vessels are among the largest cruise vessels in the world, each vessel having the capability to carry over 8,000 passengers and crew.

The installed Evac Complete Cleantech Solution includes water, wastewater and waste management systems that cover all needs of the vessel. The solution includes vacuum systems cov-

ering 4,155 pcs of vacuum toilets and six vacuum collection units, dry- and wet waste systems covering 22 infeed stations with vacuum collection and two incinerators. Fresh water generation systems include two reverse osmosis units with capacity of 400m<sup>3</sup>/d, and five fresh water mineralizing filters with a capacity of 160m<sup>3</sup>/d each, and an automation system to control these processes.

Evac systems can also be found aboard the third Oasis class cruise vessel *Harmony of the Seas* built by STX France.





# Close to you

We are dedicated to supporting you in environmentally-friendly operations and providing exceptional after-sales service.

Evac is a global company with employees in Brazil, China, Finland, France, Germany, Korea, Norway and the USA. In addition, we have representatives and service specialists in over 40 countries.

## We support our stakeholders by providing:

- Engineering and technical supervision
- Local codes and green building labels compliance
- Installation and start-up
- Service and repair
- Service contracts
- Refurbishment and retrofits
- Spare and replacement parts
- Training and education
- Onboard system and spares analysis.









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Wastewater  
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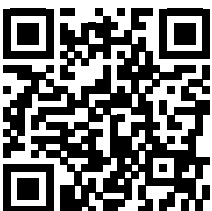


Fresh water  
generation



Systems  
automation

Evac Group is the world's leading provider of integrated waste-, wastewater-, and water management systems for the marine, offshore, and building industries. The company has executed over 20,000 marine, 1,500 offshore and 2,000 building projects worldwide. Evac has employees in Brazil, China, Finland, France, Germany, Korea, Norway and the USA, and representatives in more than 40 countries. The company's turnover was 98 million euros in 2015.



Our contact information at  
[www.evac.com/contacts](http://www.evac.com/contacts)

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\* Solutions for building industry customers are sold by Bvac