

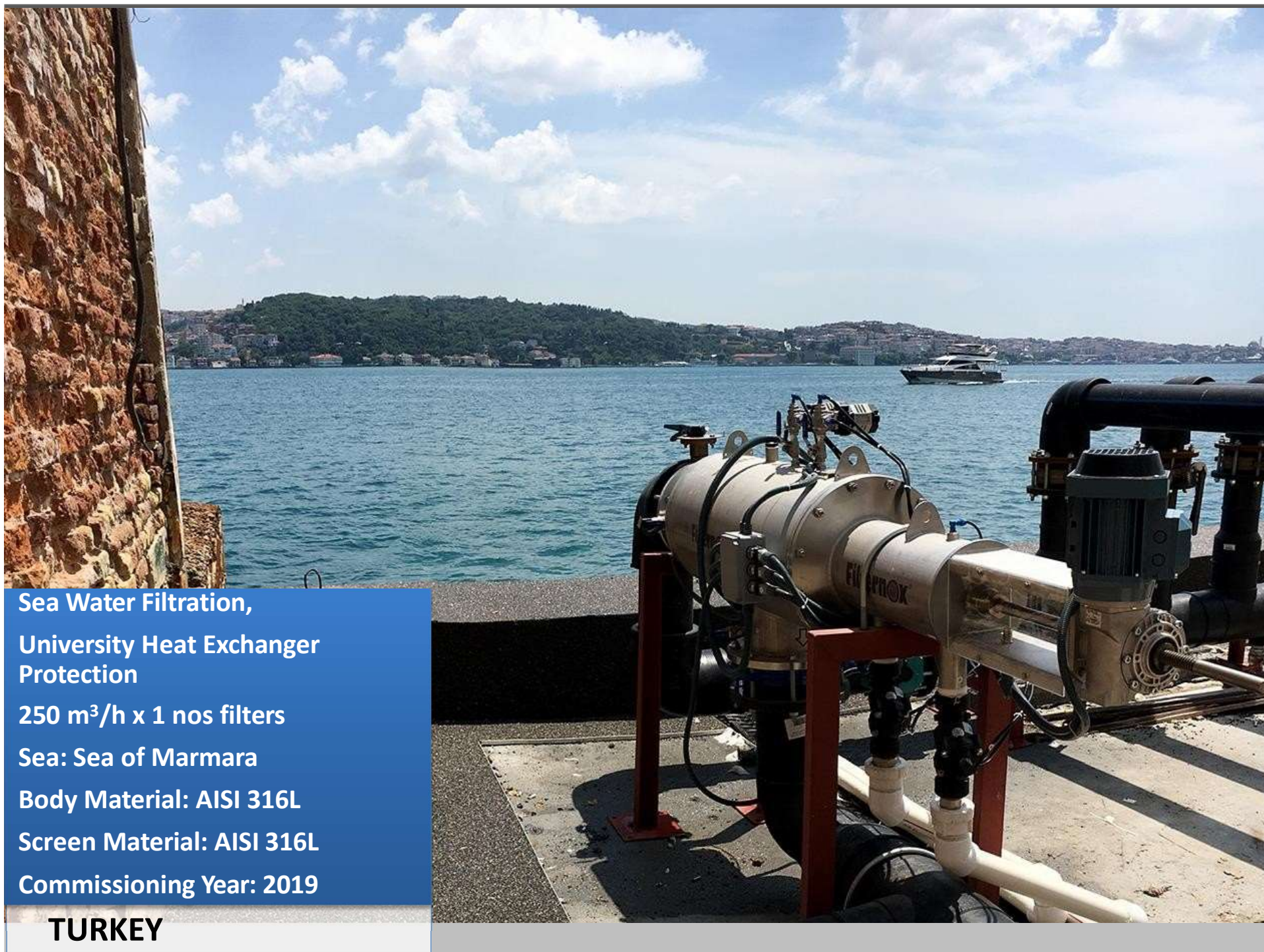


The Solution Provider



FILTRATION PRACTICES

Sea Water Filtration Applications



Sea Water Filtration,
University Heat Exchanger
Protection

250 m³/h x 1 nos filters

Sea: Sea of Marmara

Body Material: AISI 316L

Screen Material: AISI 316L

Commissioning Year: 2019

TURKEY



Sea Water Filtration,
Hotel Heat Exchanger Protection
300 m³/h x 2 nos filters
Sea: Aegean Sea
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2005

TURKEY



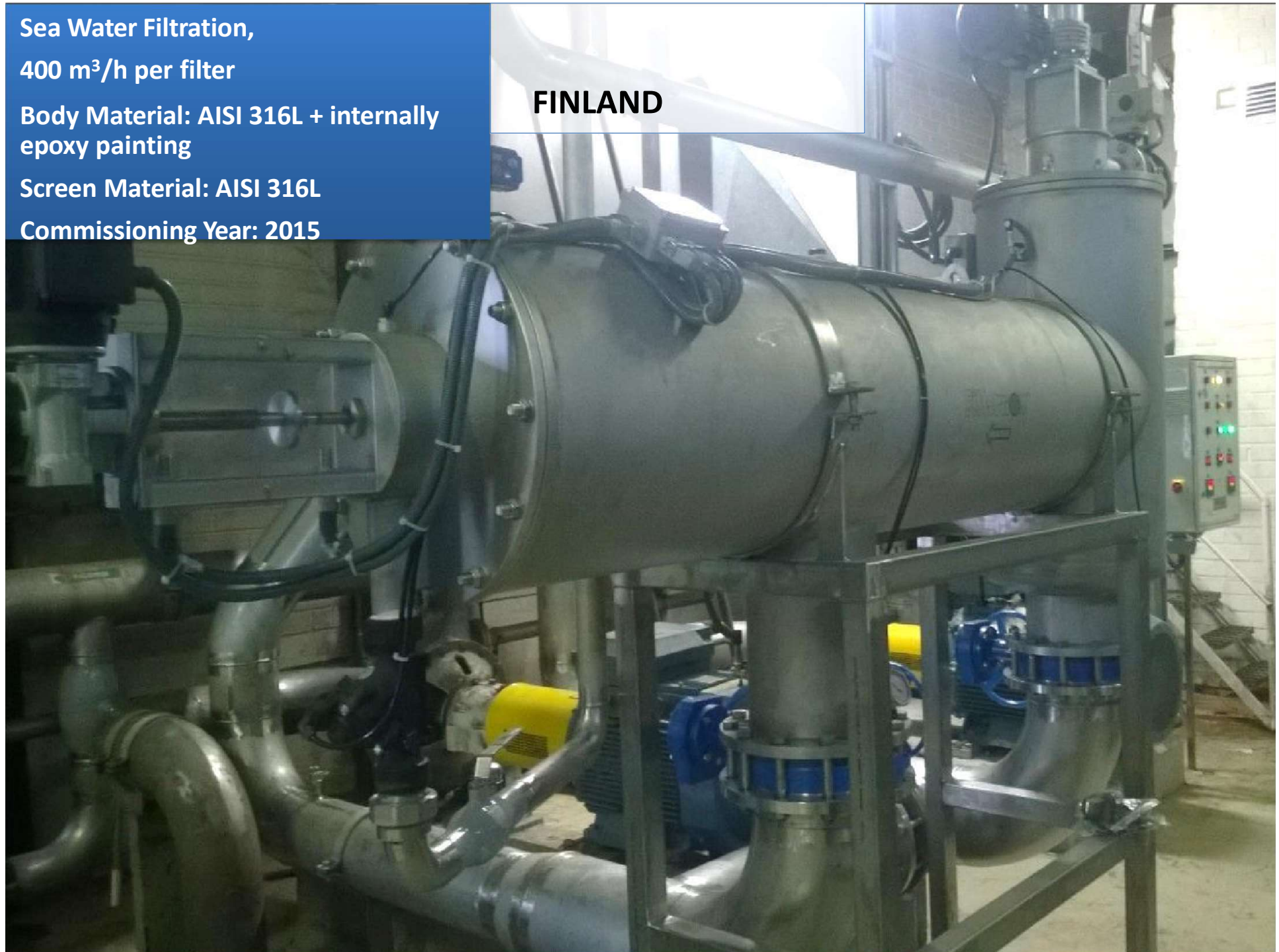
Sea Water Filtration,
400 m³/h per filter

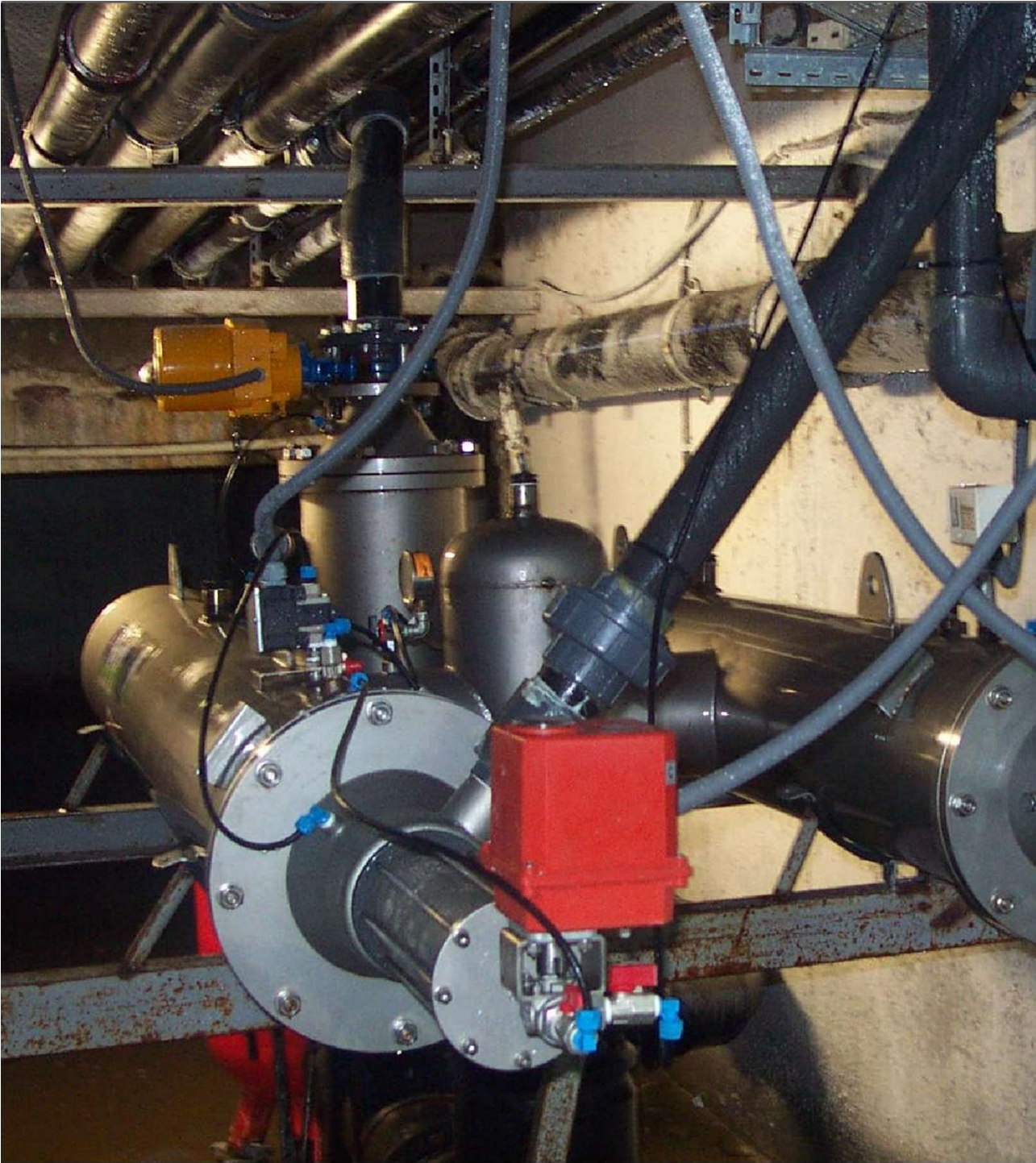
Body Material: AISI 316L + internally
epoxy painting

Screen Material: AISI 316L

Commissioning Year: 2015

FINLAND





Sea Water Filtration,
Hotel Heat Exchanger Protection
250 m³/h x 1 nos filters
Sea: Sea of Marmara
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2005

TURKEY

Sea Water Filtration,
200 m³/h per filter

Sea: Hong Kong

Body Material: AISI 316L + internally
epoxy painting

Screen Material: AISI 316L

Commissioning Year: 2016

HONG KONG





Sea Water Filtration,
Hotel Heat Exchanger Protection
250 m³/h x 1 nos filters
Sea: Sea of Marmara
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2005

TURKEY



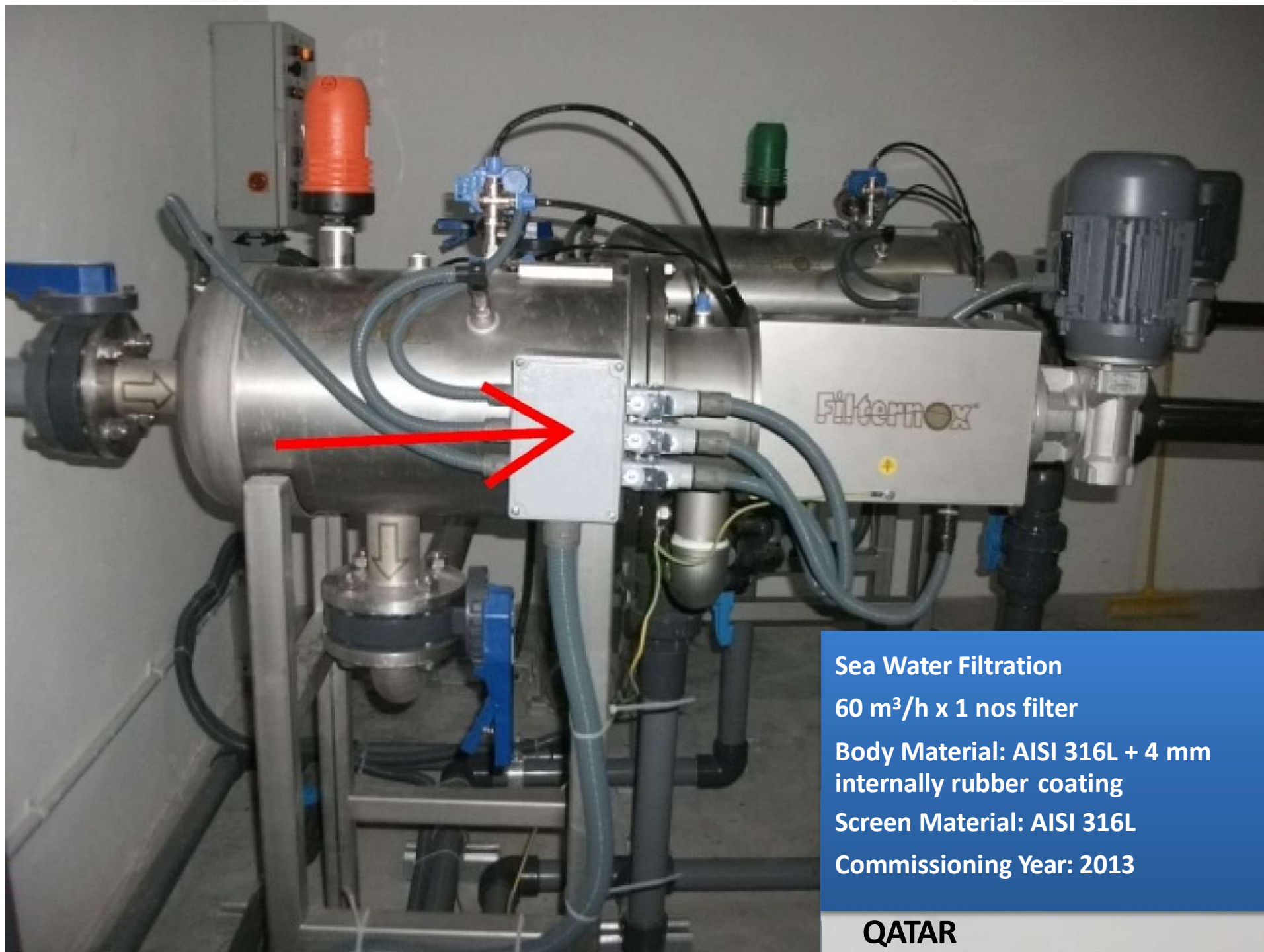
Sea Water Filtration,
120 m³/h x 1 nos filters
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2010

ANGOLA

Cement Factory (First Phase),
Sea Water Filtration before UF&RO
500 m³/h x 2 set filters
Sea: Sea of Marmara
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2007

TURKEY





Sea Water Filtration

60 m³/h x 1 nos filter

Body Material: AISI 316L + 4 mm
internally rubber coating

Screen Material: AISI 316L

Commissioning Year: 2013

QATAR

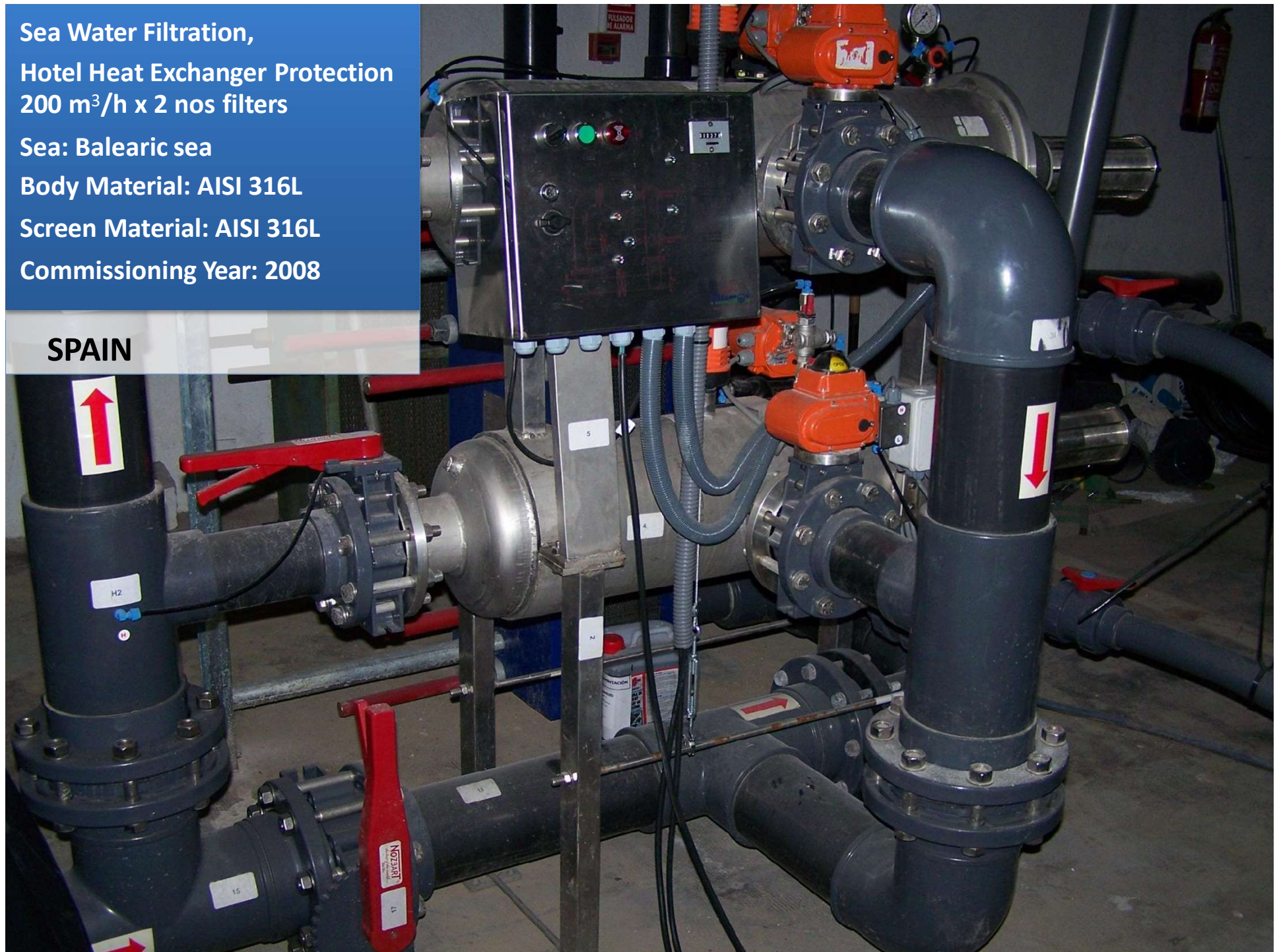
Sea Water Filtration,
Hotel Heat Exchanger Protection
750 m³/h x 2 nos filters
Sea: Sea of Marmara
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2008

TURKEY



Sea Water Filtration,
Hotel Heat Exchanger Protection
200 m³/h x 2 nos filters
Sea: Balearic sea
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2008

SPAIN





Sea Water Filtration before UF & RO

$3 \times 350 \text{ m}^3/\text{h} = 1050 \text{ m}^3/\text{h}$

6 nos total filters

Sea: Persian Gulf

**Body Material: AISI 316L + 4 mm
internally rubber coating**

Screen Material: AISI 316L

Commissioning Year: 2009

SAUDI ARABIA



Cement Factory (Third Phase),
Sea Water Filtration before UF&RO
500 m³/h x 2 set filters
Sea: Sea of Marmara
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2011

TURKEY





Sea Water Filtration Prior RO
with a capacity of 400 m³/h
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2014

CROTIA

Ballast Water Filtration

SPT 112608-MR

Body Material: AISI 316L

Screen Material: AISI 316L

Commissioning Year: 2011

TURKEY





Sea Water Filtration,
1188 m³/h per filter

Sea: Hong Kong

Body Material: AISI 316L + internally
epoxy painting

Screen Material: AISI 316L

Commissioning Year: 2017

HONG KONG

Sea Water Filtration,
Hotel Heat Exchanger Protection
550 m³/h x 4 nos filters
Sea: Sea of Marmara
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2013

TURKEY





Sea Water Filtration,
120 m³/h per filter

Body Material: AISI 316L + internally
epoxy painting

Screen Material: AISI 316L

Commissioning Year: 2018

TAIWAN



TURKEY

**Sea Water Filtration,
Hotel Heat Exchanger Protection
250 m³/h x 4 nos filters
Sea: Sea of Marmara
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2014**





Sea Water Filtration Prior RO
with a capacity of 400 m³/h
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2018

INDONESIA

Cement Factory (Second Phase),
Sea Water Filtration before UF&RO
375 m³/h x 2 nos filters
Sea: Sea of Marmara
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2015

TURKEY





Sea Water Filtration Prior RO
with a capacity of 60 m³/h
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2018

INDONESIA

Sea Water Filtration Prior RO
with a capacity of 200 m³/h

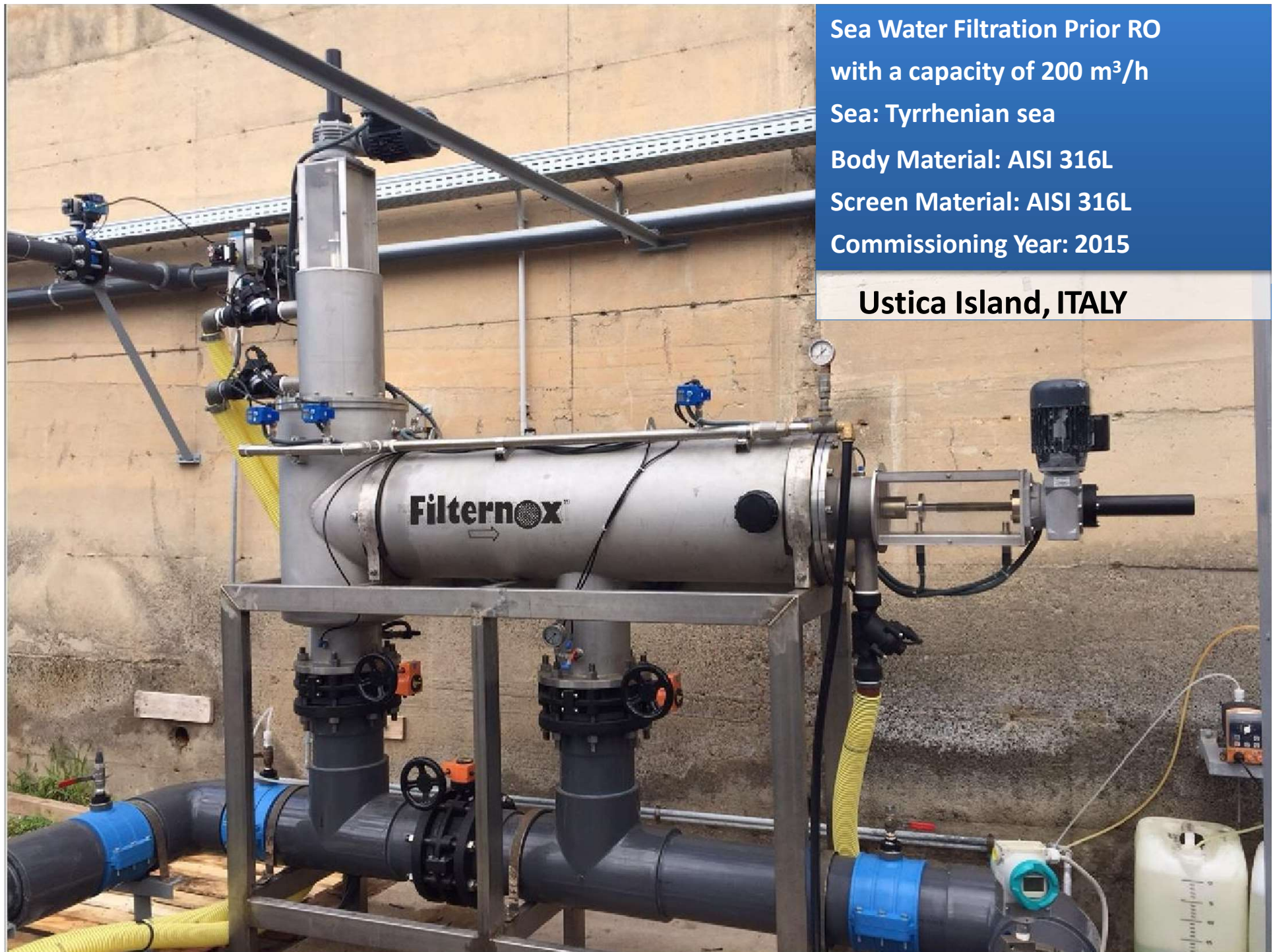
Sea: Tyrrhenian sea

Body Material: AISI 316L

Screen Material: AISI 316L

Commissioning Year: 2015

Ustica Island, ITALY



Sea Water Filtration,
Hotel Heat Exchanger Protection
200 m³/h x 2 nos filters
Sea: Aegean Sea
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2015

TURKEY



Sea Water Filtration

400 m³/h x 3 nos filters

Sea: Persian Gulf

**Body Material: AISI 316L + 4 mm
internally rubber coating**

Screen Material: AISI 316L

Commissioning Year: 2015

QATAR



Sea Water Filtration,
Sea Water Filtration,
551 m³/h per filter

Sea: Hong Kong

Body Material: AISI 316L + internally
epoxy painting

Screen Material: AISI 316L

Commissioning Year: 2016

HONG KONG





Sea Water Filtration prior UF
440 m³/h x 2 nos filters
Sea: Sea of Marmara
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2016

TURKEY

Sea Water Filtration,
80 m³/h per filter
Sea: Hong Kong
Body Material: AISI 316L
Screen Material: AISI 316L
Commissioning Year: 2010

HONG KONG



BALLAST WATER
TESTING IN
TEXEL



Ballast Water Test in Texel, Holland

Testing Purpose

Using **Filternox® BWF filter** with 20 and 40 micron screens

- Performance and removal efficiency of macro and microorganisms in marine and fresh water environment
- Performance and removal efficiency of TSS load with special Shanghai test.





About the Product

Ballast Water Test in Texel, Holland

Marine & Fresh water Tests

*with higher
removal
efficiency of
≥50 micron
&
10-50 micron
marine
organisms*





About the Product

Ballast Water Test in Texel, Holland

***Satisfied
performance
with Shanghai
Test***

*Performance
with up to
thousands mg/l
of TSS removal
& uninterrupted
operation
during filtration*

