The challenges of shipping in Venice
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Venice and Environs
Venice History
The Tide Cycles
The MOSE Project
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How it works
1. Barrier will stay on the seabed until high tides and storms are forecast.

2. Air is pumped into each hollow gate causing it to rise to the surface. It takes 30 minutes to rise and only 15 minutes to return.

3. Each gate moves independently allowing the barrier to deal with rough seas. Lagoon level can be as much as 4 ft. below sea level.

Venice

Seabed
Barrier

Air moves up

Series of 78 hinged steel gates: 330 tons each

Venice lagoon

Flood barrier

1 km
1 nautical mile

Sources:
www.norma.gestionalevenice.it
Mobility: Waterways
Mobility: Waterways
Artworks on Board!
Safety Measures
Safety Measures
Crane Boats
Crane Boats
Load Balance
Making Your Way Through Water...
Making Your Way Through Water...
Making Your Way Through Water...
Making Your Way Through Water...
Waiting for the Low Tide...
... Too Much!
Mobility: Pedestrian Walkways
Mobility: Pedestrian Walkways
Being Careful With the Pavement
Just Landed
Finally the Delivery!
Finally the Delivery!
... Not Always Easy!
See you in Venice!