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# Rejuvenating a historic port

Founded in 1536, the Argentinean capital city of Buenos Aires has always enjoyed a close relationship with water. Even today, its port is one of the busiest in South America: connections by river or ocean allow transport with the continent and the rest of the world.

The Puerto Madero port opened in 1889, but all four dock areas were obsolete by 1907. Puerto Nuevo to the north was built instead, and Puerto Madero fell in significance. Proper revitalization began in the early 1990's, giving the local residents access to the good life, with the creation of office buildings, residences, and an abundance of parks. Grundfos solutions play an important part in several buildings in the new Puerto Madero.

## The Situation

### Malecom Building

At the Malecom Building, a 12-storey office tower, Grundfos solutions excel within pressure boosting, hot water distribution, wastewater, and fire fighting.

Four Grundfos Hydro Multi-E pressure boosting systems featuring 12 Grundfos CRE electronically speed-controlled in-line pumps make sure that there is enough water pressure for all areas of the building. These solutions work closely with the six Grundfos UPS 32-80B bronze circulator pumps, which distribute domestic hot water.

Six Grundfos SEG wastewater grinder pumps reduce particle size in the wastewater before discharging it. A complete fire fighting system consisting of a Grundfos NK 80-250/256 end-suction pump and CR 5-18 jockey pump round out the installations.

## The Grundfos Solution

Trinidad Guevara and Juana Manso

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### TOPIC:

Rejuvenating a historic port

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### LOCATION:

Argentina

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### COMPANY:

The Puerto Madero port

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This spacious apartment building benefits from Grundfos solutions as well. A Grundfos Hydro Multi-E with three Grundfos CRE electronically speed-controlled in-line pumps keeps water pressure up. They too partner with six Grundfos UPS 32-80B bronze circulator pumps, which distribute domestic hot water as well. Four Grundfos DP drainage pumps remove rainwater from parking areas, and 16 SEG grinder pumps serve the buildings wastewater needs.

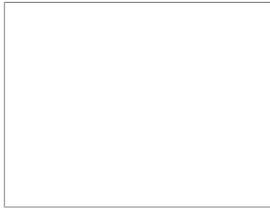
#### The Outcome

##### Warm swimming pools

Four Grundfos CH-4 single-stage pumps distribute warm water to the four swimming pools of the Puerto Madero complex. What's more four Grundfos SP submersible pumps used for de-watering ensure the depression of the static level of underground water.

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## Related Products



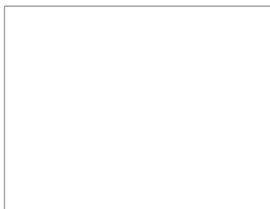
### CR VERTICAL MULTISTAGE CENTRIFUGAL INLINE PUMPS

Multistage pumps for pressure boosting in a wide range of applications



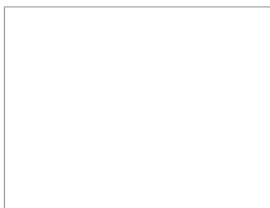
### DP DRAINAGE PUMP FOR PUMPING DRAINAGE WATER AND GROUNDWATER

For pumping drain water and groundwater from around housing, farms and small industrial plants.



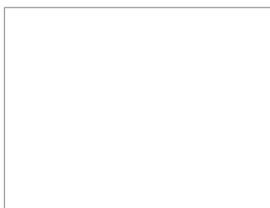
### HYDRO MULTI-E - PRESSURE BOOSTING BUILDING SERVICE APPLICATIONS

An innovative pressure booster system specially designed for building service applications.



### UPS CIRCULATOR PUMP - HEATING, COOLING, HOT WATER

A complete range of 3-speed UPS circulator pumps, available both in 50 and 60 Hz.



### SEG GRINDER PUMPS - PUMPING OF WASTEWATER WITH TOILET WASTE

SEG pumps designed for pumping effluent and untreated sewage in small communities