



PROJECT

# Bulk material terminal expansion

LOCATION

Nueva Palmira, Uruguay

INFORMATION

Area: Civil structures  
Market: Ports  
Year of completion: 2015  
Contractor: Copersa  
Final client: Corporación Navios SA  
Our work: Detailed design

DESCRIPTION

Operated by Corporación Navios, Nueva Palmira port is one of the main logistic hubs in South America for bulk cargo. Its terminal has numerous berthing and mooring structures that allow the transshipment of goods.

SOLUTION

We developed the detailed design of different sectors of the port: barge convoy pier, south dolphin, watertight enclosures to allow the construction of piles in the water, water tank above the outer pier, inspection and reinforcement of the metallic walkway.

OUR QUALITY TURN

We developed an ingenious solution for the mooring of large convoys, allowing for three barges to operate simultaneously (loading and unloading bulk cargo) with a reduced cost and with minimal environmental impact. The solution consists of using two of the barges as a berthing front, tied with a system of sliding chains connected to large diameter piles.