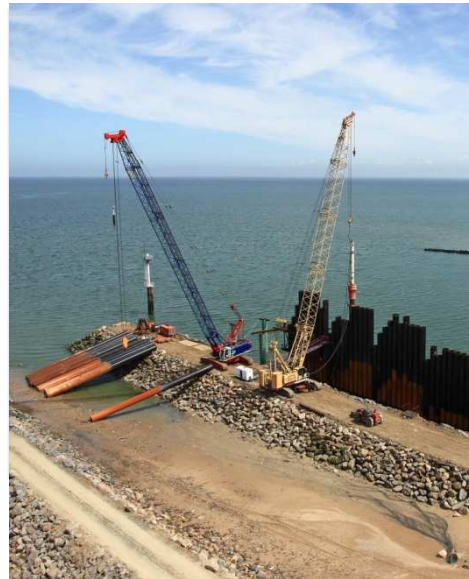
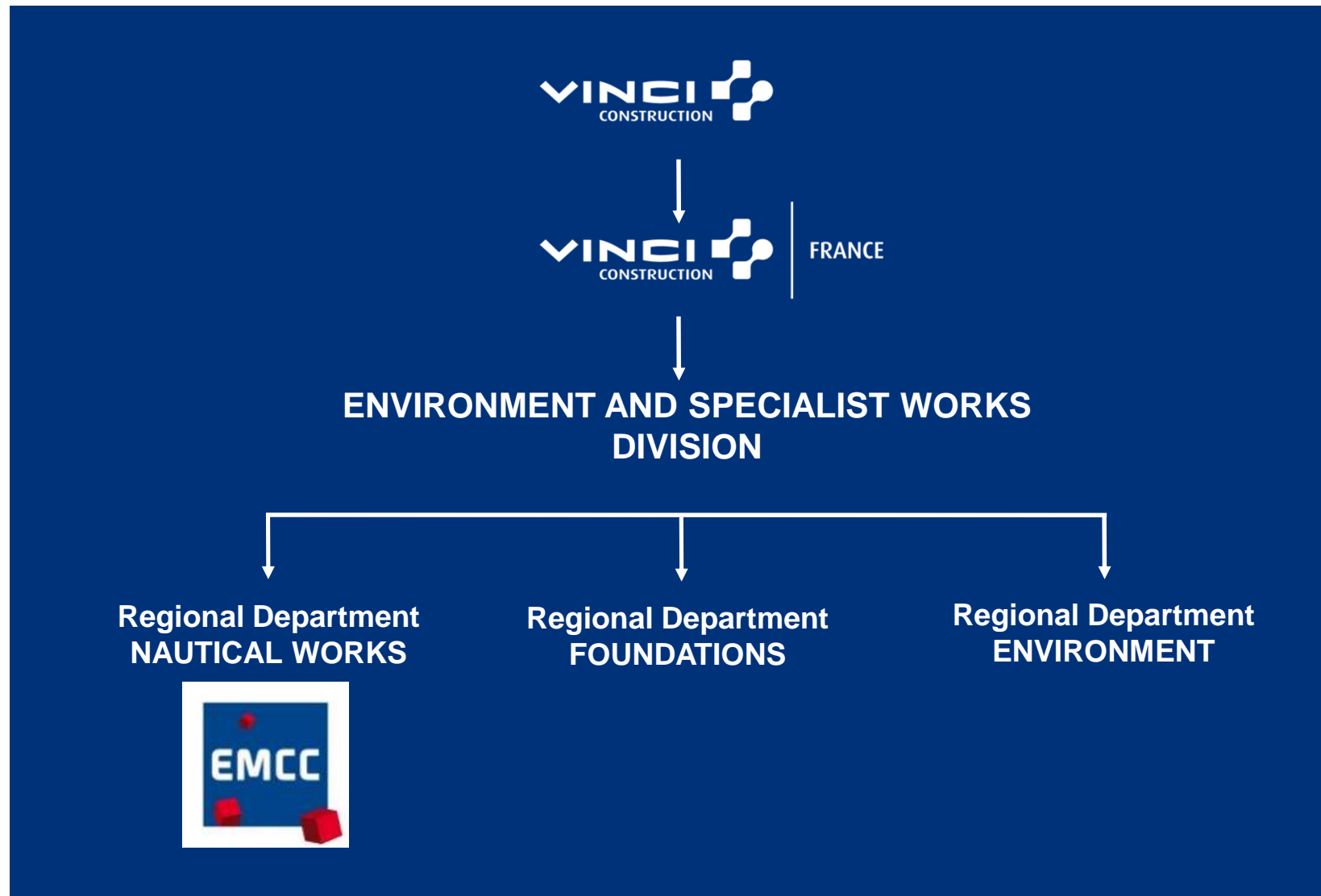


3rd Mediterranean Days of Coastal and Harbour Engineering

PIANC - May 2013







Activities

- Dredging and rock blasting
- Marine construction, civil and port engineering
- Underwater outfalls, pipelines and cables
- Underwater works
- Environment and sediment treatment

Dredging and rock blasting

- On marine, waterway and lake sites, using mechanical and hydraulic techniques
- Primary maintenance of France's waterways and ports.
- Construction of ports abroad



Dredging the Couesnon Mont Saint Michel







Dredging
Port of Lomé -
Togo



Rock blasting Plug 2/3
Flamanville nuclear power station

■ Marine Construction, Civil and Port Engineering, Underwater Outfalls, Pipelines and Cables

- Construction of quays and jetties
- Construction of dams, locks and structures of all types in an aquatic environment
- Reinforcement and construction of structural foundations
- Installation or launch of underwater pipelines



Structural foundations Dordogne Viaduct (SEA project)





Dam construction

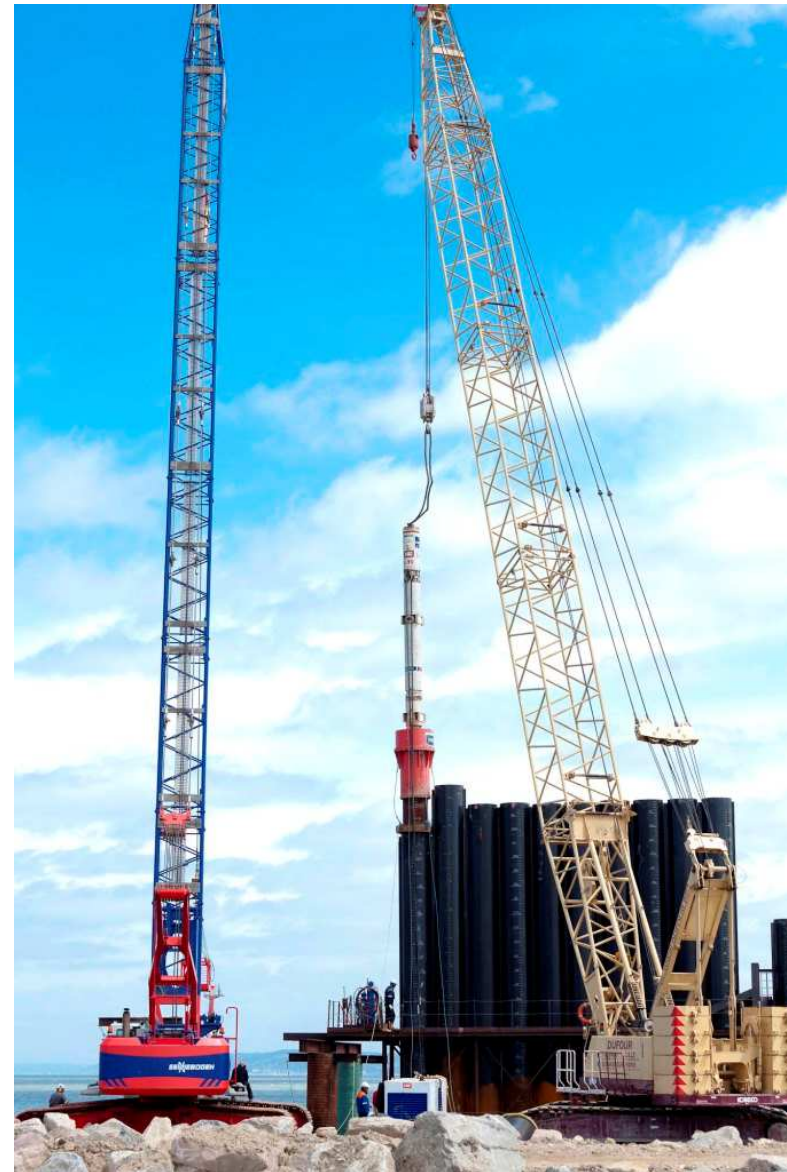
Coudray-Montceau
dam



Quay construction
Port of Lomé - Togo

Extension of the downstream terminal

Port of Quistreham



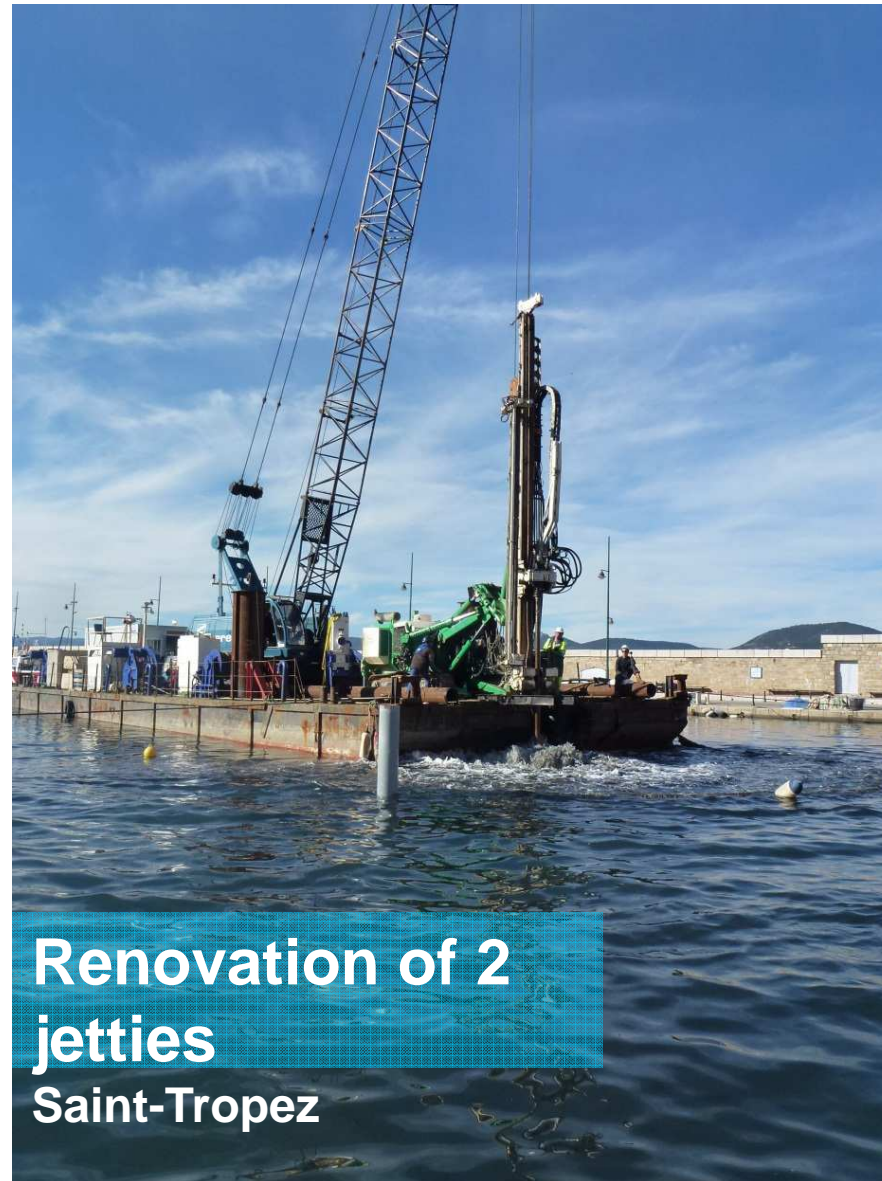


Quay construction
Port of Cotonou - Benin



Installation of 12 siphons

Gravelines nuclear power

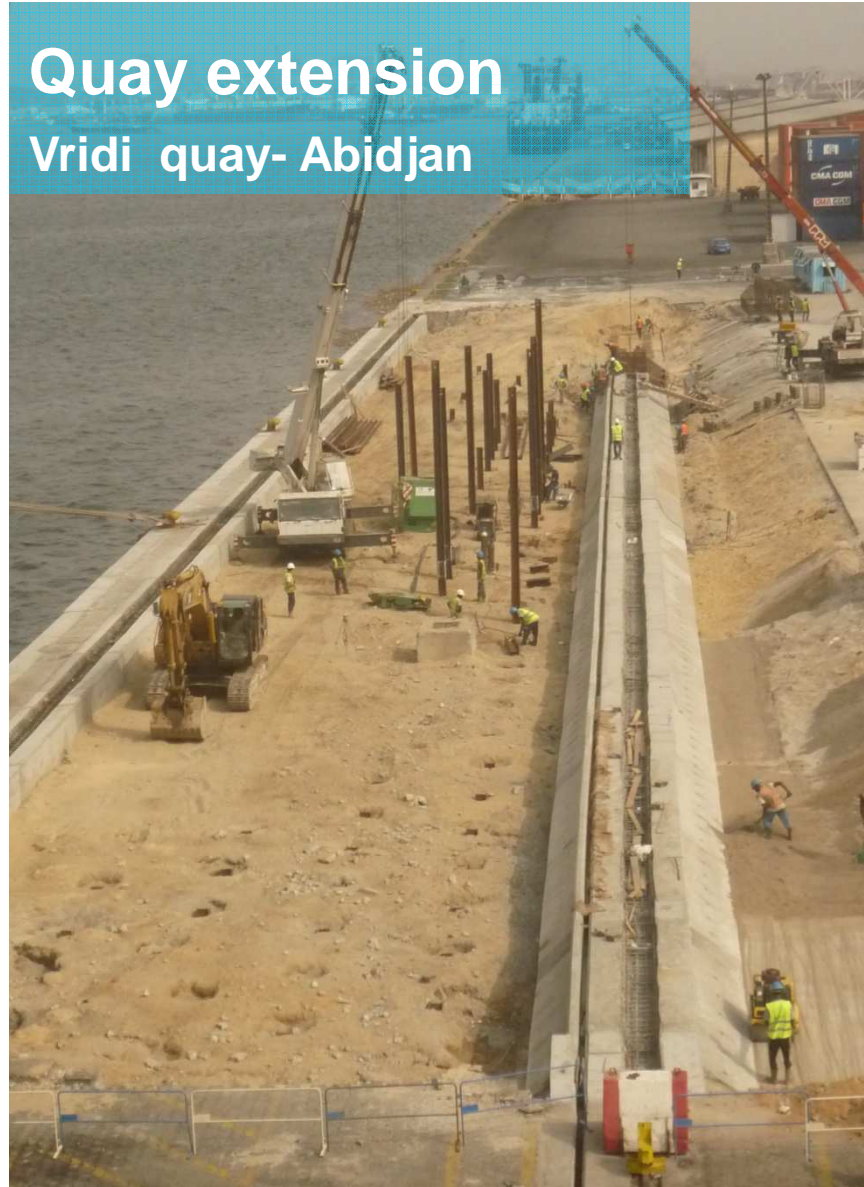


**Renovation of 2
jetties
Saint-Tropez**

Quay reinforcement
Saint-Jean-de-Luz



Quay extension Vridi quay- Abidjan



**Pile-driving as part of the
construction of a lagoon**
Atalayoun - MOROCCO



Jetty repairs and creation
of mooring dolphins.

Port of Kpémé – Togo



Jetty maintenance on the DANDE site

Angola



Geotechnical tests for Rio Tinto

(Simandou project) - Guinea Konakry







Installing ballast on the
Les Sables d'Olonnes
pipeline

Installing an outfall Les Sables d'Olonne



Environment and development

- Searching for innovative ways of preserving the environment
- Innovation, patents : NAVISTOP, to protect river dams from drifting boats, AEROLAC ...
- System for trapping floating waste
- Etc.





Collecting floating waste
Port Marly



Floating dam
On the Seine





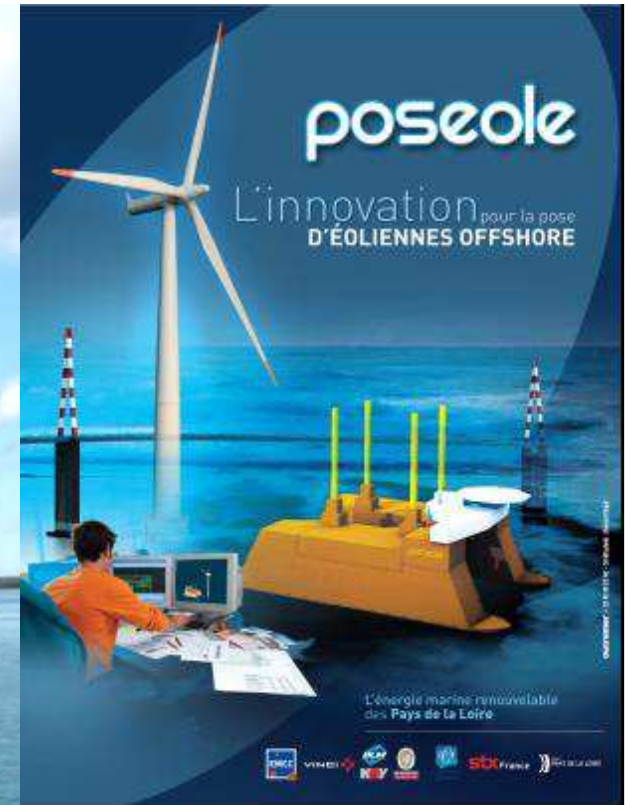
Dredging and treating sludge
EDF Penly nuclear power station

Sludge treatment centre

EXTRACT Ecoterres



Installing wind turbines Offshore



PPP Aisne-Meuse
Reconstruction of the 29
dams on the Aisne and
Meuse for VNF



FRANCE'S LARGEST STOCK OF EQUIPMENT

- > 32 dredging machines: cutter suction dredgers, dipper dredgers, bucket ladder dredgers
- > 30 pontoons or self-elevating platforms
- > 69 dumb barges or split-hopper barges (self-propelled or not)
- > 34 items of logistics equipment: tugs, pusher tugs, multi-purpose vessels

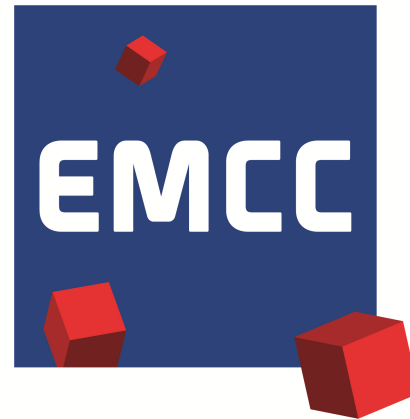


MISCELLANEOUS:

Drilling machines for foundations or blasting, sheet piling equipment (diesel & hydraulic hammers, vibrators, etc.)

- Earnings 2012 : 140 M€
- 700 employees, including 160 managers, at your service
- An integrated design and methods office with thirty experts





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