



Gold Partners
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Beirut
MARATHON
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START

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MARATHON
42 KM

Platinum Partner
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It's Time
to Run
& Donate

بنك لبنان
والمهجرى



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It's Time
to Run
& Dona

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QUAY 16 CONTAINER TERMINAL EXTENTION AT PORT OF BEIRUT

- I- Lebanon in some words
- II- Extension of Quay 16 – Beirut Port
- III-Piling
 - 1 - Production in Turkey
 - 2 - Transportation
 - 3 - Piling schedule
 - 4 - Handling on site
 - 5 - The special platform
 - 6 - Placing piles
 - Vibration PVE M52
 - Using the Junttan hammer
 - 7 - Welding
 - 8 - Special photos from piling
 - 9 - Concrete Quay wall

I - Lebanon in words



Surface: 10,450 Km²

Population: 4,300,000

Official language: Arabic



II - Extension of Quay 16 – Beirut Port

•178,000 m³ concrete pavers.

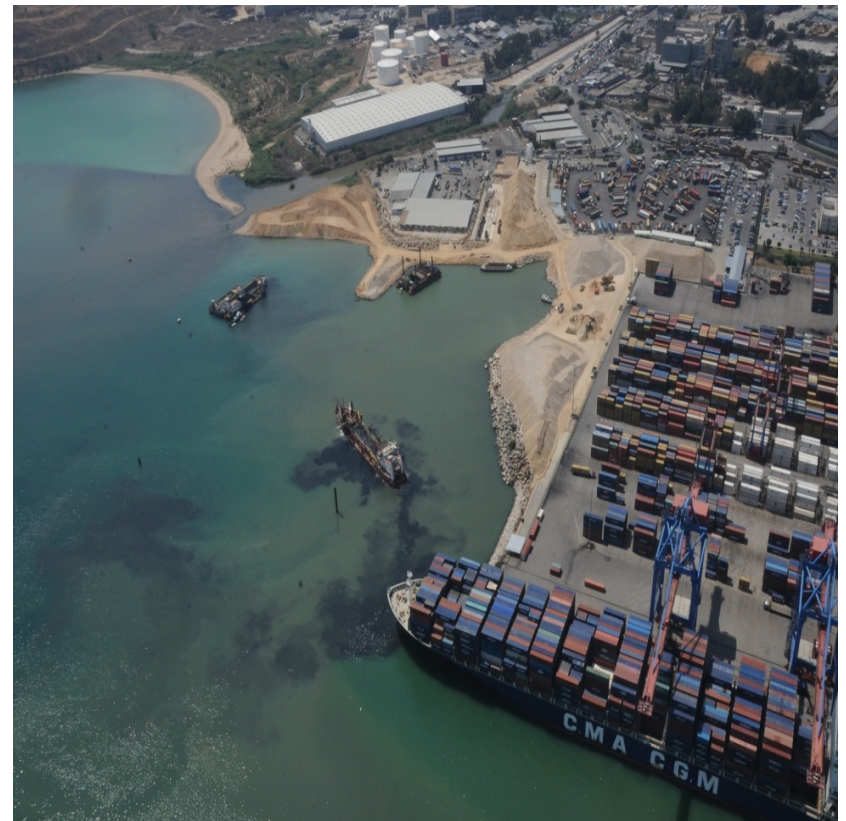


II - Extension of Quay 16 – Beirut Port

SOIL INVESTIGATION



DREDGING



II - Extension of Quay 16 – Beirut Port

VERTICAL DRAIN



ACCROPODES



II - Extension of Quay 16 – Beirut Port

CRUSHING – FILL MATERIALS



RECLAMATION



II - Extension of Quay 16 – Beirut Port

RECLAMATION WITH TRUCKS



RECLAMATION WITH SPLITBARGE



II - Extension of Quay 16 – Beirut Port

DYNAMIC COMPACTION



III-Piling

- 1 - PRODUCTION IN TURKEY



III-Piling

- 1- PRODUCTION IN TURKEY



III-Piling

- 2 - TRANSPORTATION



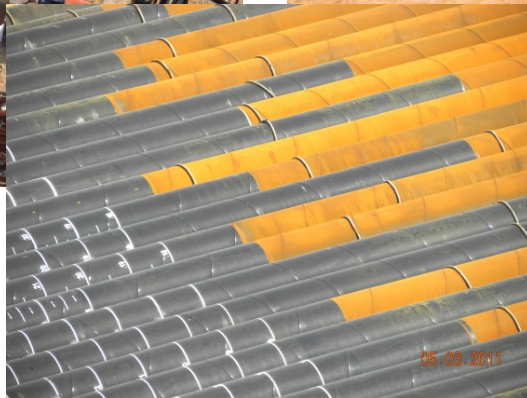
III-Piling

- 3- PILING SEQUENCE



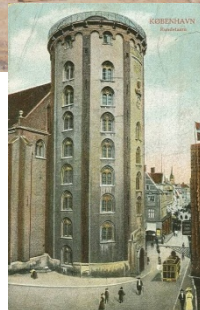
III-Piling

- 4 - HANDLING ON SITE



III-Piling

- 4 - HANDLING ON SITE



Rundetårn



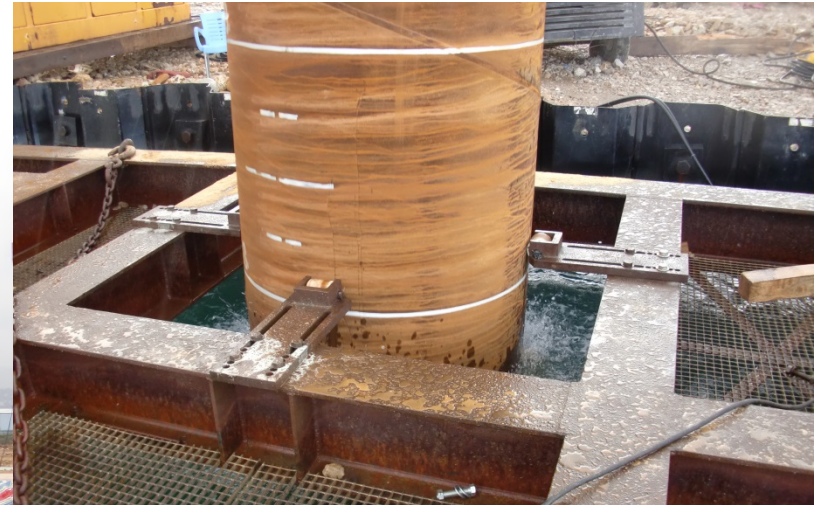
III-Piling

- 5 - THE SPECIAL PLATFORM



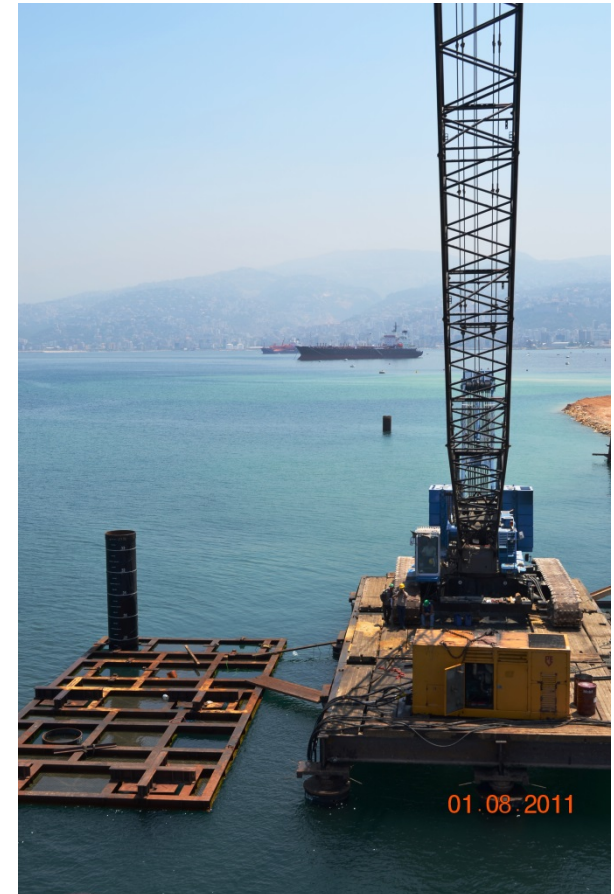
III-Piling

- 5 - THE SPECIAL PLATFORM



III-Piling

- 5 - THE SPECIAL PLATFORM



III-Piling

- 5 - THE SPECIAL PLATFORM



III-Piling

- 6 - PLACING PILES
 - VIBRATION PVE M52



III-Piling

- 6 - PLACING PILES
 - USING THE JUNTAN HAMMER



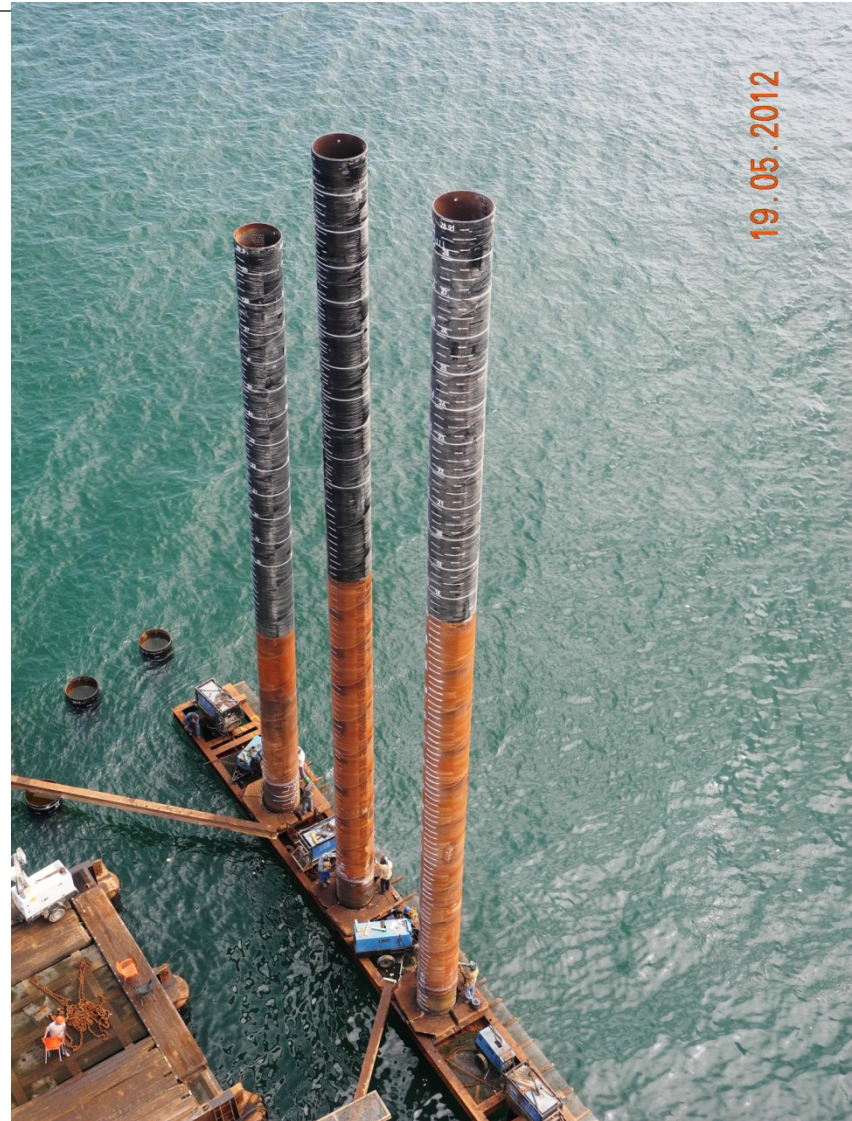
III-Piling

- 6 - PLACING PILES
 - USING THE JUNTAN HAMMER



III-Piling

- 7 - WELDING



III-Piling

- 7 - SPECIAL PHOTOS FROM PILING



III-Piling

- 8 - SPECIAL PHOTOS FROM PILING



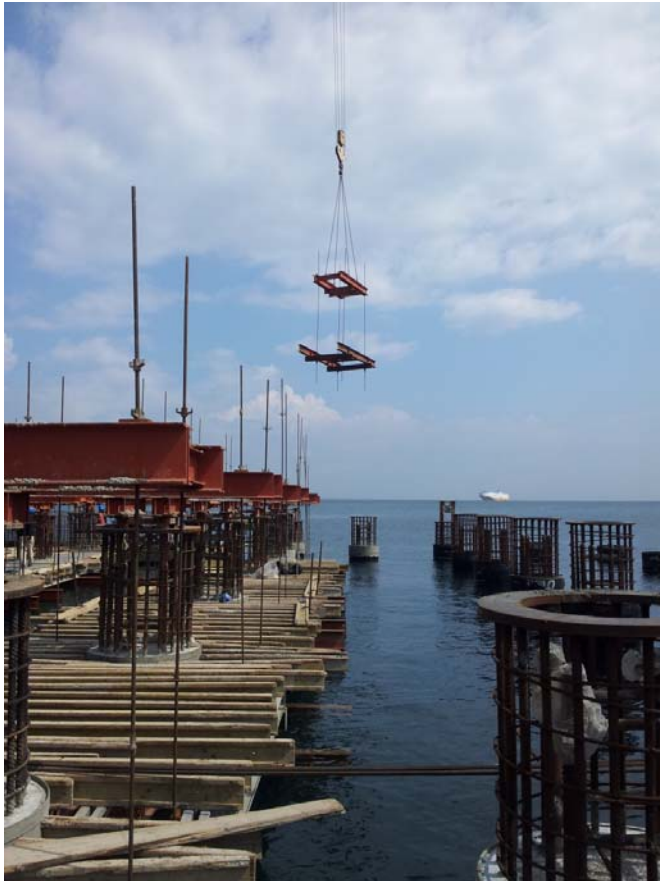
III-Piling

- 9 - CONCRETE QUAY WALL – PILE HEAD



III-Piling

- 9 - CONCRETE QUAY WALL – CONCRETE BEAMS



III-Piling

- 9 - CONCRETE QUAY WALL – CONCRETE SLAB



III-Piling

- 9 - CONCRETE QUAY WALL – CONCRETE SLAB





Thank you for your attention

