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Le Havre Port 2000 - Rehabilitation Seine Estuary

River: Seine

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(GPMH)

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To combine the will of the French Government to position Le Havre as a main seabound gateway for the flows of containerised goods to France/Europe with the acknowledgment of the utmost environmental importance of Seine Estuary intertidal wetland it was decided to realize both the port project and the initialisation of an environmental rehabilitation of the Seine Estuary.

The port construction works included building of long breakwaters and quays with draught up to 17m, generating about 45 Million m³ of dredged material (DM) partly re-used within the construction works. At the same time wetland was developed by e.g. dredging of a purely environmental channel. Bird resting areas have been created by re-use of DM, one on land using past hunting ponds and one in the south of Seine estuary with the building of an artificial island made of sand and gravel.

PORT 2000

Stage 1: 537 M € +275 M € Private Invest. 1400m quay length

Stage 2: 310 M € +300 M € Private Invest. 2100m quay length



Sub-base of all breakwaters made
with dredged pebbles



**Environmental channel and groyne
to create new mudflats**

21 million €

30.08.05



**Resting area (3 M€) "in operation"
before the beginning of any port work
in the area**

31 JANUARY 2002

Morphological dredging



JUNE 03



3.5 Mm³

JULY 04



Mudflat rehabilitation (21 M euros)

