Royal HaskoningDHV
Enhancing Society Together

Multipurpose artificial islands

Typical examples reclaimed and floating land

Ronald Stive
7 April 2021
Open

Middle East

Palm Island Jumeirah (2001-2004)
1700 ha, Hs=4.5m D-max=9m

The World (2004-ongoing)
Atol 5000 ha, Hs=5.5m, D-max =15m

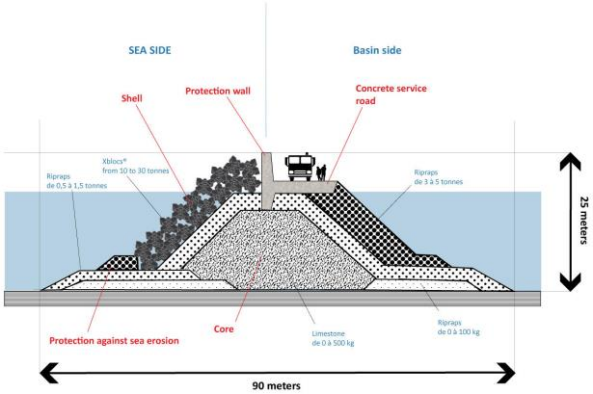
Palm Jebel Ali (2003-2009 stopped)
3500 ha, Hs=4.5m, D-max=10m

Das Island 2010-2011
170 ha, Hs=3m, D-max = 9m

Europe

Maasvlakte-2 (2006-2014)
2000 ha, Hs=9m, D-max=14m

Punta Langosteira, Coruna (2007-2012)
Hs=13m, D-max=20m



Calais Port breakwater (2016-2019)
Hs=6m, D-max=10m

Africa

Eko Atlantic City 2010-ongoing
1200 ha, Hs= 4.5m, D-max=10 m

Mauritius Terminal 2017-ongoing
100 ha, Hs=10m, D-max=15m

Asia

Manilla Bay 2013-2014 (MP)
15000 ha, Hs=5.5m, D-max=10 m

Pluit City 2012-ongoing
300 ha, Hs=3m , D-max=9m

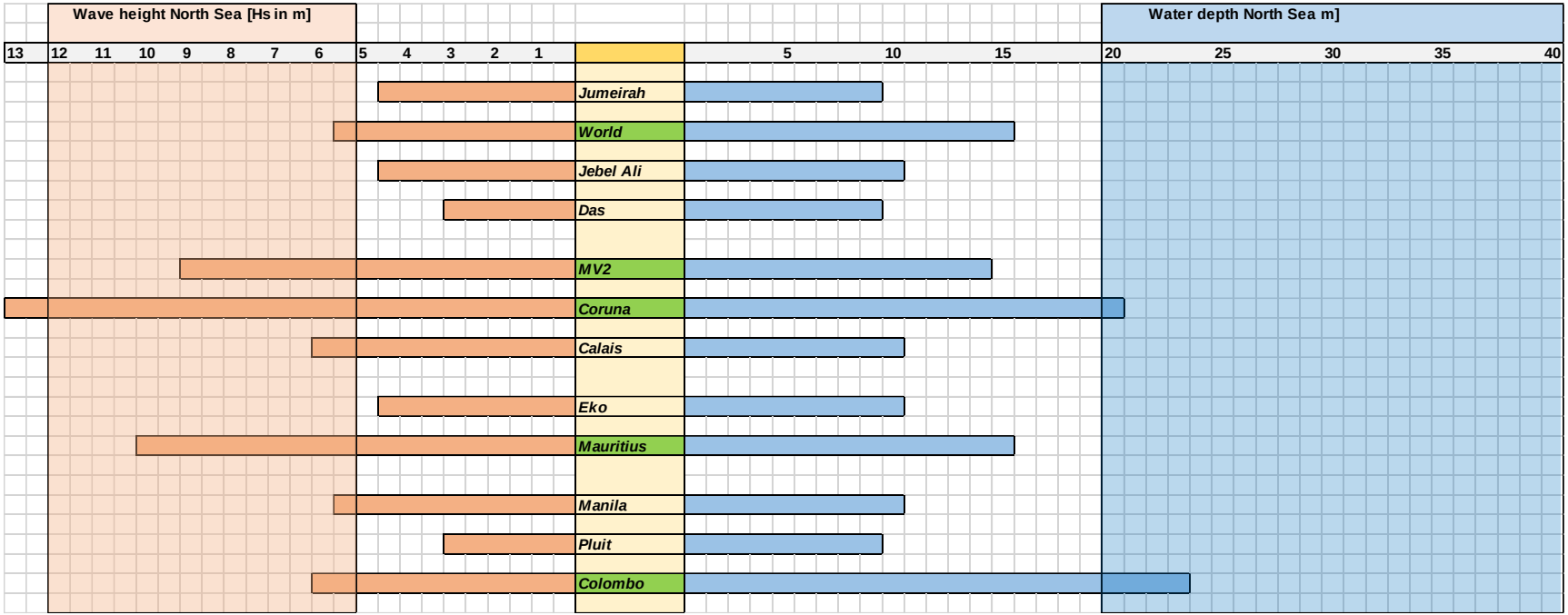
Colombo 2016-2019
270 ha, Hs =6.5m, D-max=23 m

Floating structures

Courtesy Dutch Docklands and RHDHV

Hs-max = 1.5m

Relevant experience available for Island North Sea



Royal HaskoningDHV