Multi-year Expert Meeting On Transport and Trade Facilitation:

Maritime Transport and the Climate Change Challenge

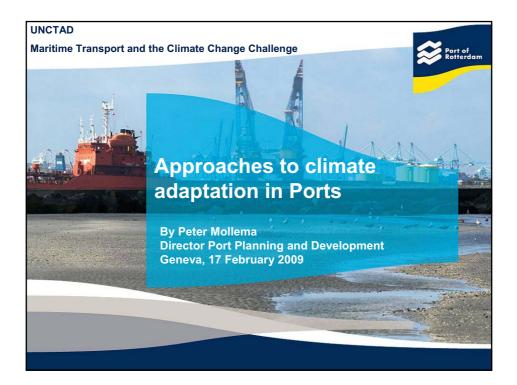
16-18 February 2009

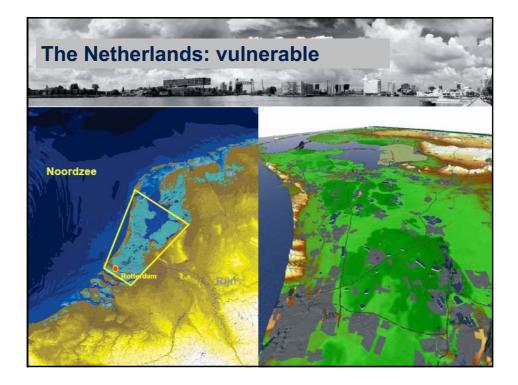
Approaches to climate adaptation in Ports

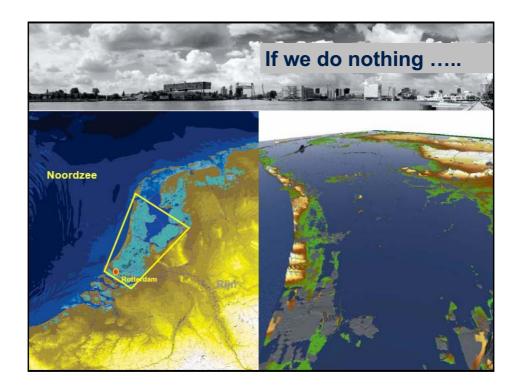
Presentation by

Mr Peter Mollema Director Port Planning and Development Port of Rotterdam

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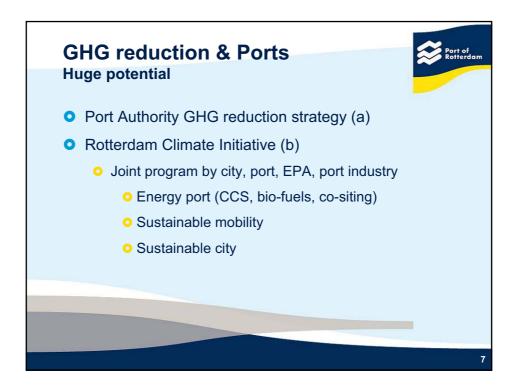






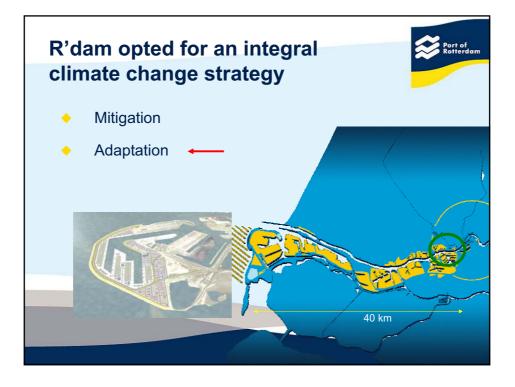


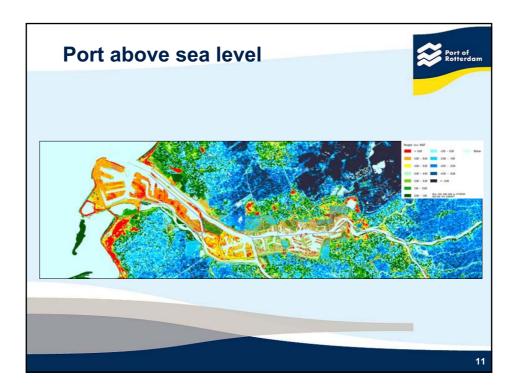
















Flood risk: Ret	urn period of water levels	Port of Rotterda
Current levels	Levels in 2050	11
Once in 10.000 years (5.1)	N.A.P. (m)	
Once in 1.000 years (4,3)	Once in 1.000 years (4,7) 4,00	Surface level 5 + m NAP
Once in 100 years (3,6)		
Once in 10 years (3,0) Once a year (2,5)	Once a year (2,9)	
Average High Water Level (1.1)	2.00 Average High Water level (1.5)	
	1.00 0.00 Average Low Water level (-0,2)	
Average Low Water Level (-0.8)	1.00	
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