

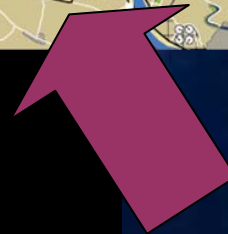
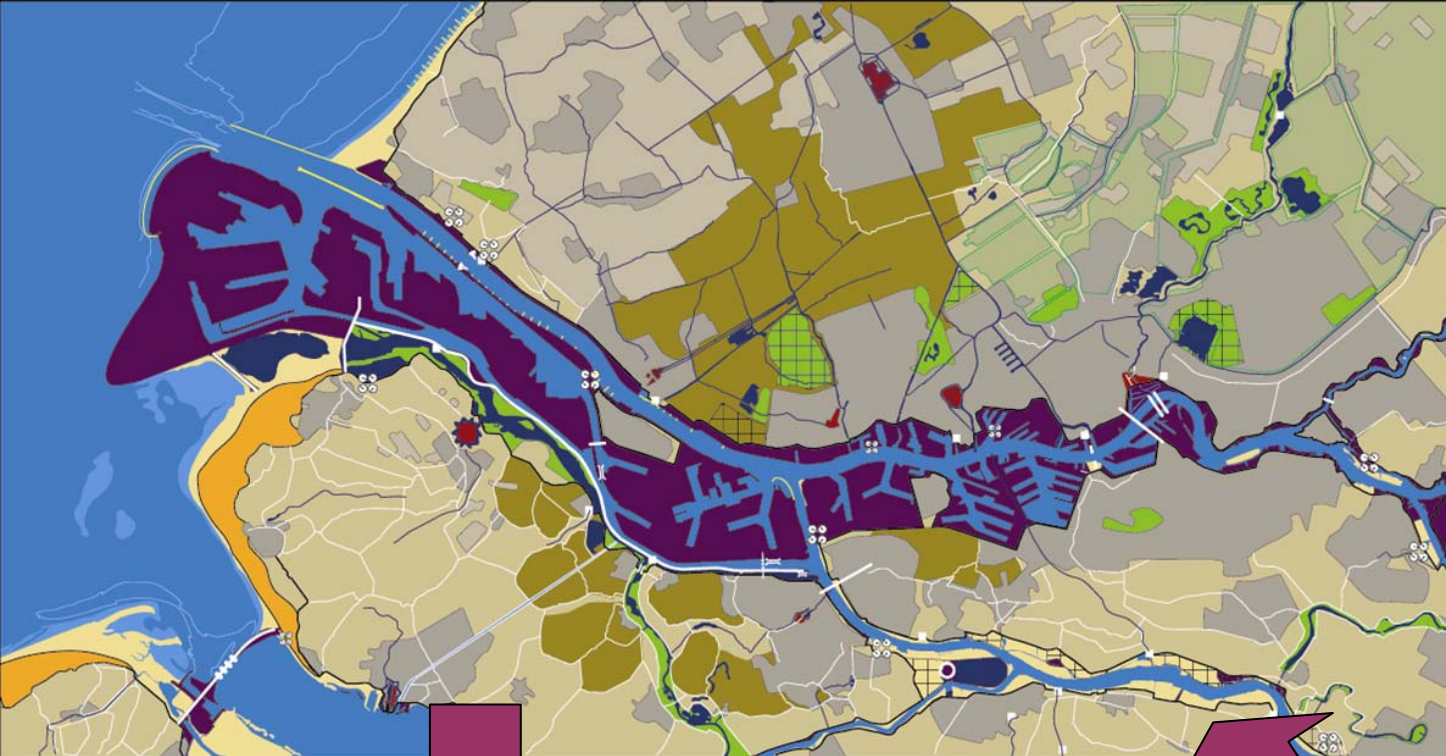
Rotterdam Climate Proof

connecting water with opportunities

June 24 2009

Paula Verhoeven





Climate change and water challenges

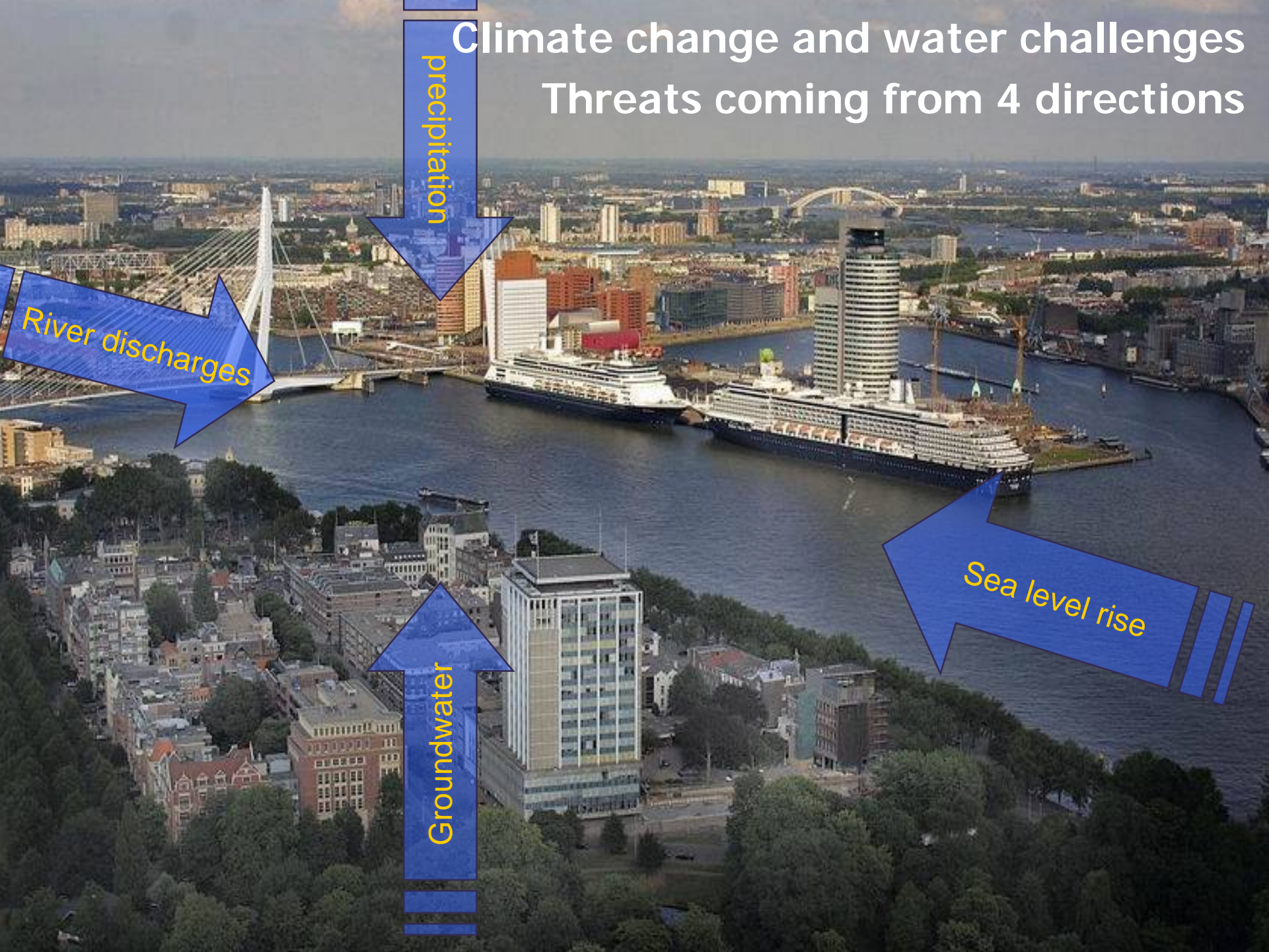
Threats coming from 4 directions

precipitation

River discharges

Sea level rise

Groundwater

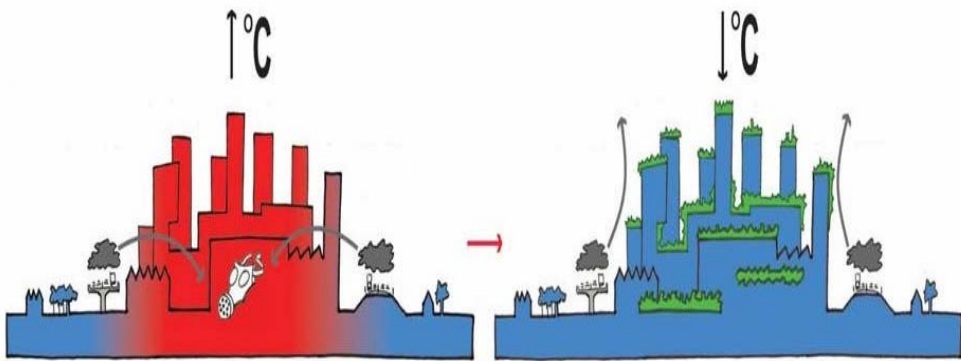


Delta Plan Rotterdam Region

New storm barriers + new river + new (smart) levees



-  Existing Dykes
-  Existing Dam
-  Existing Storm Barriers
-  New Dykes
-  New Storm Barriers



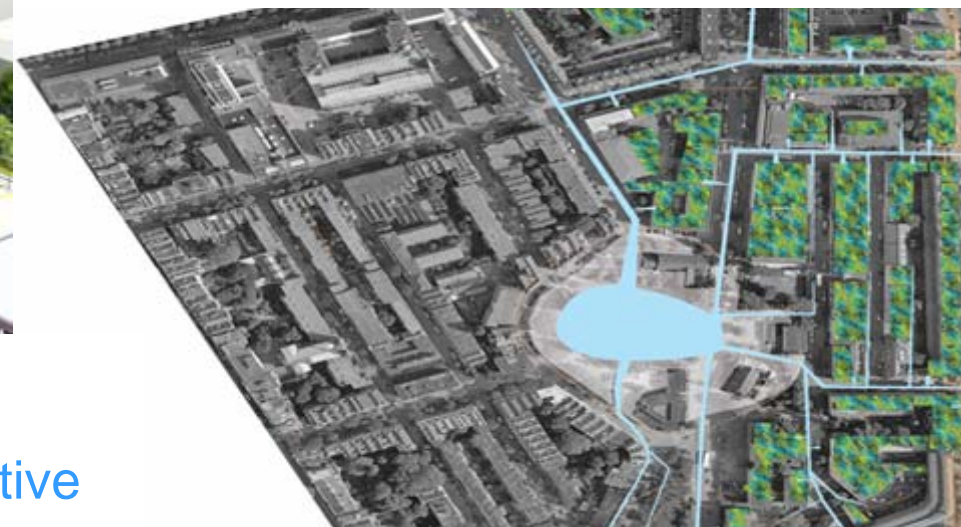
Green Roofs

mitigation + adaptation + attractive city



Water plazas

Water for an attractive city
Innovative solutions where needed



Smart Levees

Multifunctional + Climate Proof + Attractive

Rotterdam Climate Proof in 2025

Rotterdam will adapt to create
a protected, attractive and
economically strong SMART
Delta City



www.deltacities.com



ROTTERDAM

THE ROTTERDAM CHALLENGE ON WATER AND CLIMATE ADAPTATION

CLIMATE PROOF

www.rotterdamclimateinitiative.nl

Rotterdam can nationally and
internationally become an
example to and source of
inspiration for other
Delta Cities

SmarterCities
Berlin

Smarter Public Safety

