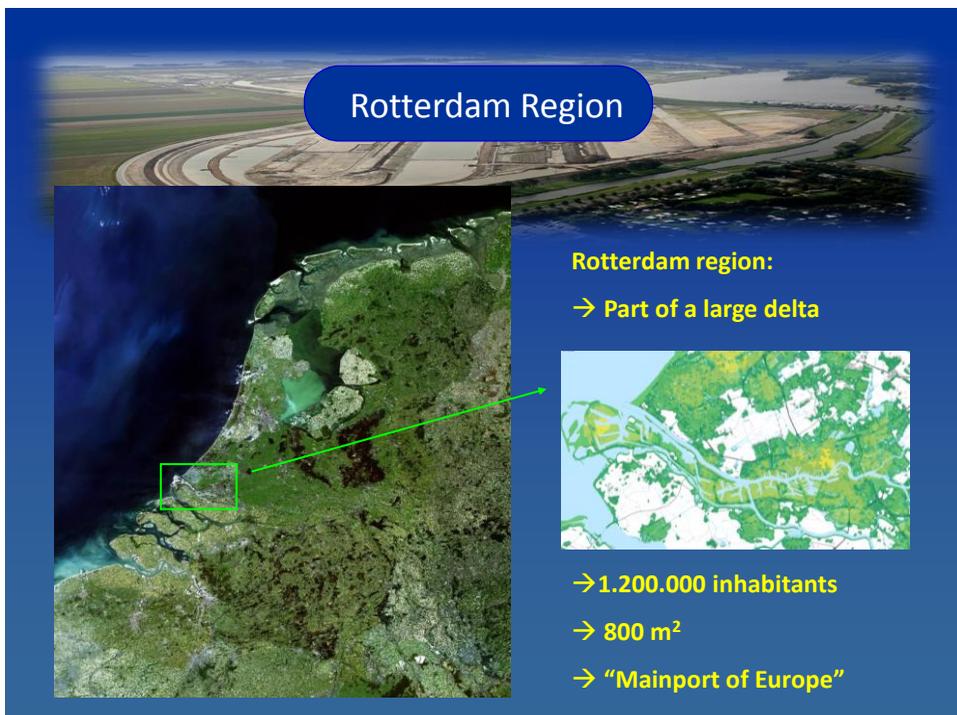


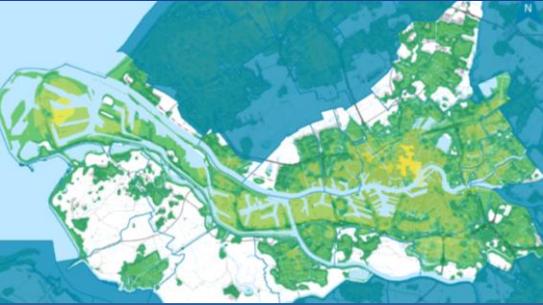
Building Blocks for Adaptation strategies in de Rotterdam Region

Deltas in times of climate change II

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Rotterdam Region

→ **15 Communities**

- Vlaardingen
- Maassluis
- Schiedam
- Lansingerland
- Capelle a/d IJssel
- Krimpen a/d IJssel
- Ridderkerk
- Albrandswaard
- Barendrecht
- Spijkenisse
- Brielle
- Bennisse
- Westvoorne
- Hellevoetsluis
- Rotterdam

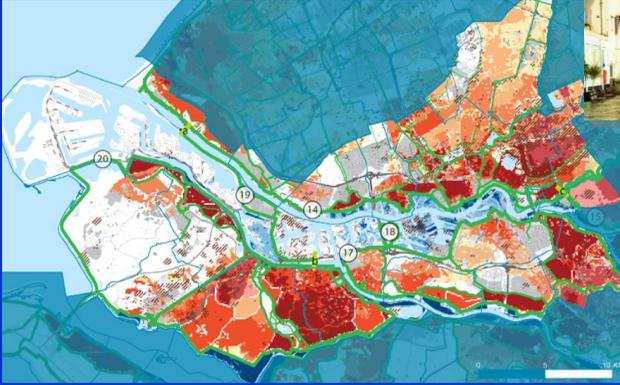
→ Large part lies more than 6 metres below sea level

→ Safety level primary dike: 1:10.000 year

Climate challenges



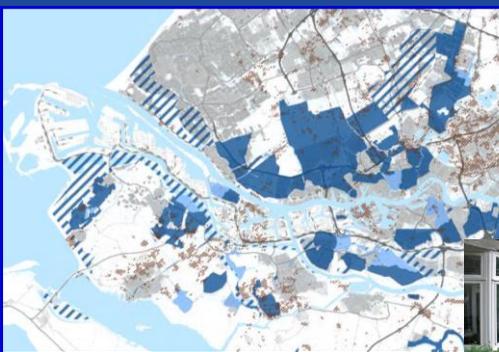
Rising sea level





Climate challenges

Heavy precipitation



Climate challenges

Heat



Climate challenges

Drought



The slide features a large aerial photograph of a coastal area with a prominent curved road and water bodies. Below the title, the word 'Drought' is written in yellow. Two maps are displayed: a smaller one on the left and a larger one on the right. Both maps use a color scale where orange and red indicate areas of water stress or drought, with blue representing water bodies and green representing vegetation. The larger map shows a significant portion of the land area in orange and red, particularly in the central and right-hand sections.

Need for a strategy

Climate is changing



Ongoing developments



Safe imago is crucial



Adaptation offers chances



The slide features a large aerial photograph of a coastal area with a prominent curved road and water bodies. Below the title, there are four text boxes arranged in a 2x2 grid, each containing an image. The top-left box says 'Climate is changing' with an image of a polar bear on a small piece of melting ice. The top-right box says 'Ongoing developments' with an image of a large cable-stayed bridge under construction. The bottom-left box says 'Safe imago is crucial' with an image of a modern building with a glass facade. The bottom-right box says 'Adaptation offers chances' with an aerial view of a large-scale infrastructure project, possibly a port or airport.



Need for a regional strategy

Safe imago crucial for the entire region

Climate is changing  Ongoing developments 

Regional approach offers scale advantages

Safe imago is crucial  Adaptation offers chances 

City of Rotterdam is a frontrunner



Results

Building blocks → **Bouwstenen**

Multiple strategies → **Adaptatiestrategieën**

Entire region → **Regio Rotterdam**

Various actors → 

→ Different cities face different challenges

→ Some challenges are universal

→ One city provides solution to another city's problem

→ Practical solution: 1 Quickscan for each city!



Results



- Individual cities feel (and are) taken seriously
- Aware of benefits of regional approach
- Link to initiatives national government
- Cities actually start with the quick scans
- Policy makers and experts feel personally involved
- Beginning 2015:
Each city a climate adaptation strategy!



Critical Success factors

CSF:	Pitfall:	How to overcome:
One key actor	No individual ownership	Building blocks and practical quick scan
Science ánd practise	Different timing	Designated liaison
Political willingness	Depending on urgency other matters	Some Luck
Re-labelling existing plans/initiatives	No additional action needed	Focus on benefits and no/low regret
Focus on frontrunners	Loosing laggards	Peer pressure

