

Better collaboration since 1998

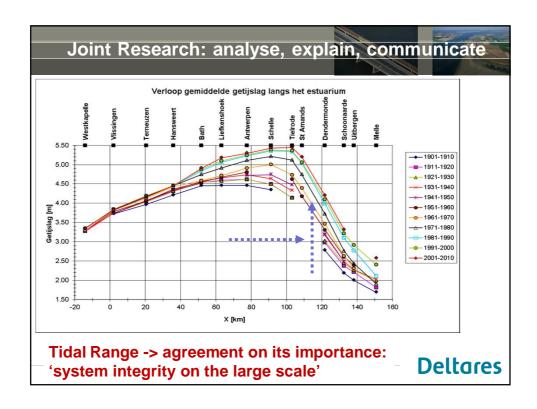
- After request 3rd deepening -> development Long Term Vision, with agreement on :
 - * threefold objective: Accessibility, Safety, Nature,
 - * preservation physical characteristics
- Measures agreed on in 2005: treaties, also 'treaty on collaboration in management and policy', joint monitoring, research and effect-evaluation

!! Collaboration breaks with 300 year tradition of conflict over Scheldt

!! No (or less) delay!, much faster than 2nd deepening

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An attractive indicator / policy objective

Not good for naturalness

- · Influence on intertidal areas, more energy upstream
- Tidal assymmetry and mud import tidal river

Not good for accessibility

- · dangerous currents during springtide
- · lower levels low water

Not good for safety

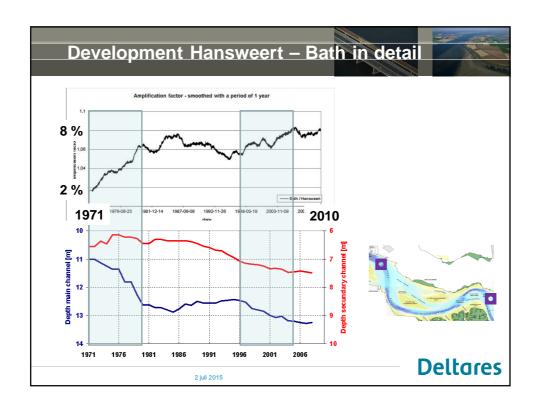
- High waters -> higher dikes
- Eroding channels -> extra defences

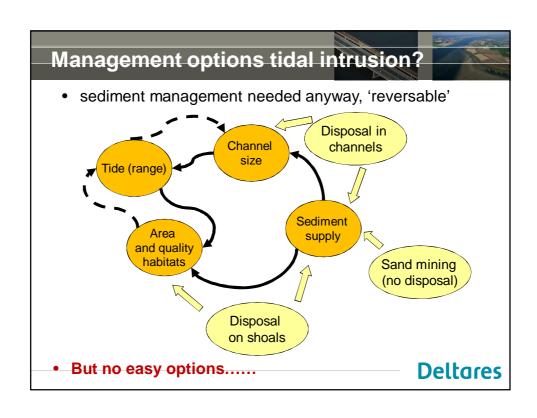
It reflects long term development

· Sustainability...!

Direct response to measures in geometry (next slide)

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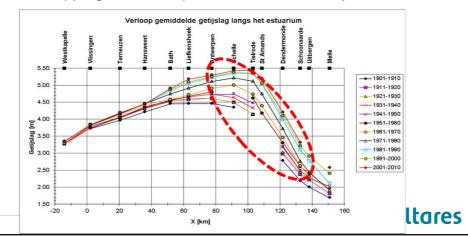




How to move forward... Dilemma's

Most prominent challenge in the Sea Scheldt

- Hardly any space in the channels upstream Hansweert
- Shipping demands, preservation secondary channel



How to move forward... Dilemma's

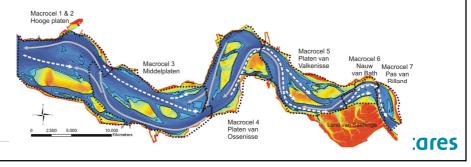
- Tidal intrusion is important (long term objective)
- But costs should also help short term objectives
 - □Add sediment for extra safety
 - ☐ Improve ecological potential
- Still...... 'what do we want to preserve'
 After 10 years we still haven't elaborated it to morphological objectives

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What is preservation of physical characteristics?

- Reducing tidal intrusion?
- Preservation multiple channel system Western Scheldt?
 Large 'ebb'- and 'flood' channels, smaller connecting channels, intertidal shoals and shallow water areas. ?
- Morphology and hydrodynamics supporting all user functions? This will not be the same along the estuary
- How to link short and long term goals....



Statements and food for thought

- We cannot escape choices from the past, harbours and embankments are there
- The estuary is in transition anyway, isn't it all about 'estuarine processes' and 'services'???
- Science can't give the unambiguous answer, but it can and must be central in the debate on the future of our estuary
- Estuaries with one channel and much intertidal area are also regarded valuable?
- Why is loss of secondary channel in Ems-Dollard not regarded as similar big issue?
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