





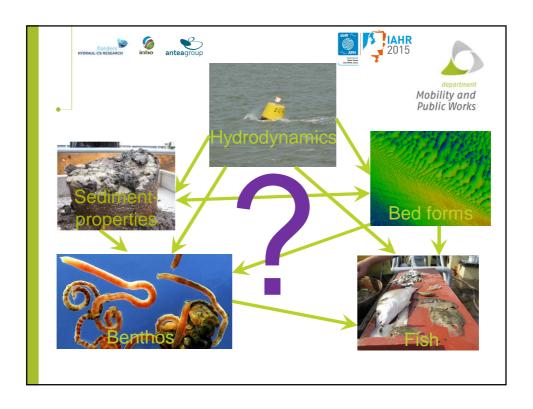




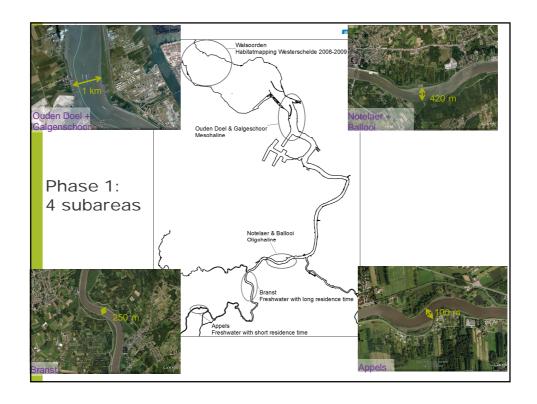


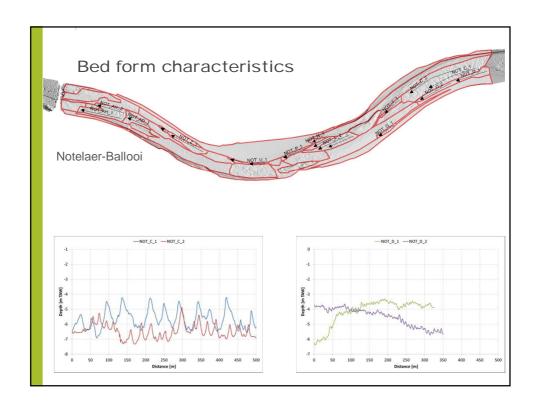
Research questions

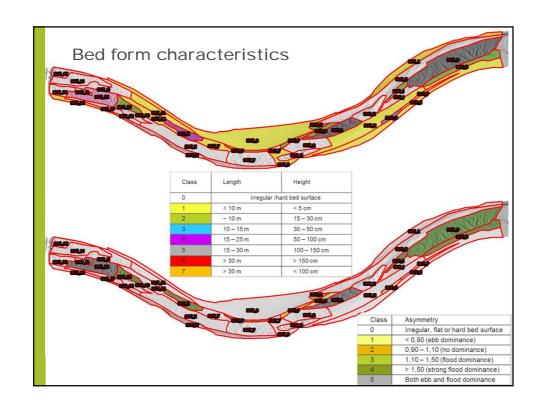
- LTV Schelde estuary: low dynamic intertidal and shallow water areas = high ecological value
- Relationships between physical, sedimentological and ecological characteristics in the Zeeschelde
- Goal = ecological classification of the subtidal shallow water area
- 2 phases:
 - Detailed analysis of 5 subareas (1 per salinity zone)
 - Expansion to total Zeeschelde

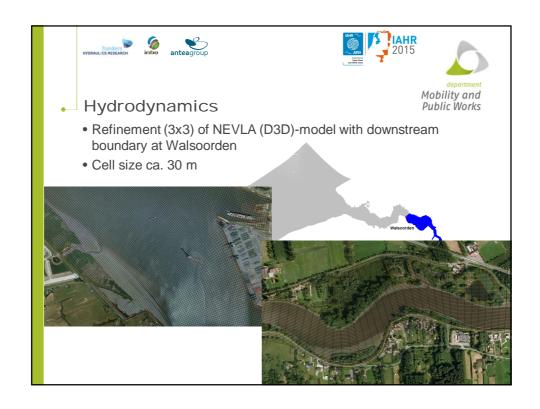


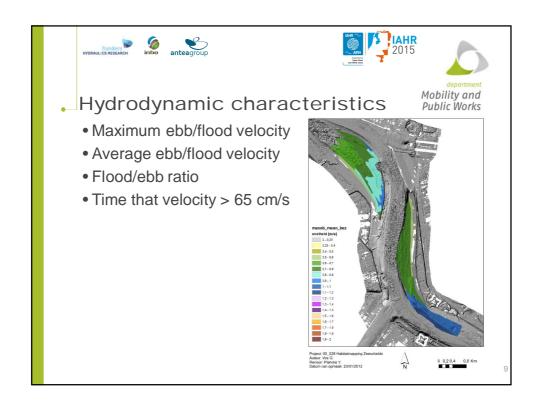


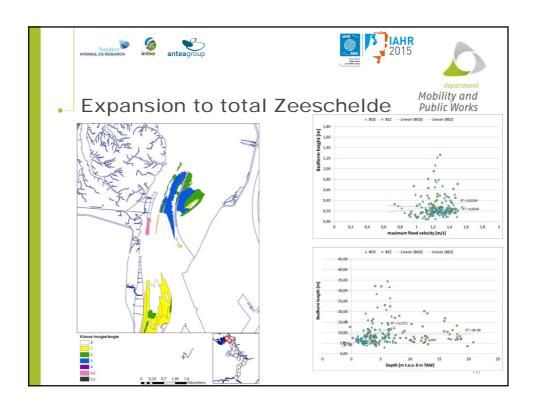






















Conclusions

- Bedforms:
 - Broad scala of bedform sizes, but overall smaller bedforms than in the Westerschelde
 - Mostly flood dominated
- Hydrodynamics:
 - Peak and mean velocity proportional to depth
 - Alternating flood and ebb dominance
- No clear relationship bed forms hydrodynamics
- Ongoing research: link abiotic parameters ecology

