

### Nitrogen source apportionment for the catchment, estuary and adjacent coastal waters of the Scheldt – SSA 9 progress



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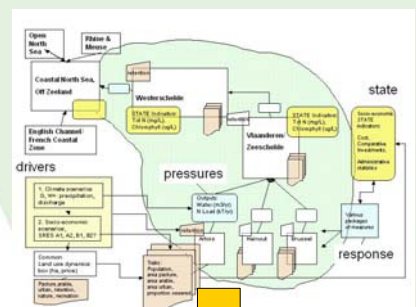
#### SSA process, brief history

- October 2007: stakeholder meeting and two policy issues targetted; The SSA team
- then selected N-apportionment.
- December 2007: conceptual model outlined and settled
- Spring 2008: ball-park formulation of PC-Raster and EXTEND models
- Summer 2008 (still on-going): detailing, population and calibration of models; PC-Raster for Scheldt catchment, EXTEND for estuary, spreadsheet balances for agricultural economics; considering social dimension [..]

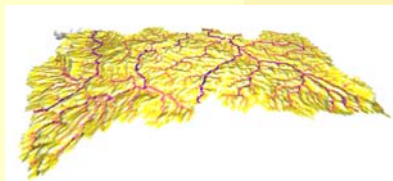
Debate



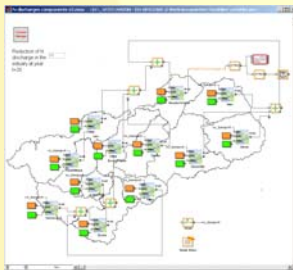
Conceptual model



PC-Raster



Extend



Farmgate balances

Farm accounting balance (€)	
REVENUS	COSTS
cattle	fixed costs
crops	transport
	treatment
	purchase of fertilizer
<b>totals</b>	<b>totals</b>

#### SSA next steps

- Finalizing the model train: calibration and verification of N loads, coupling three models
- Specifying scenarios and management measure packages
- Running scenario analyses
- Confronting with stakeholder representatives.
- Writing of paper(s)

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