

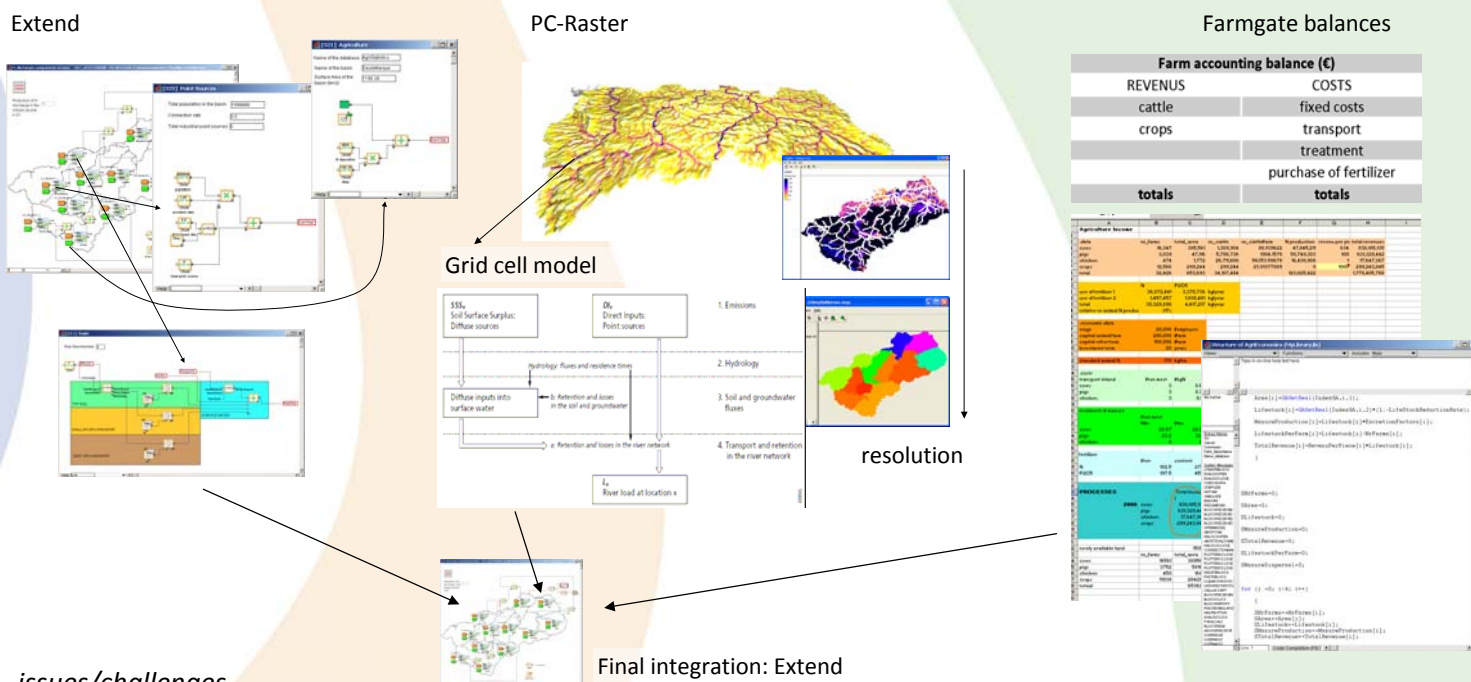
Nitrogen source apportionment for the catchment, estuary and adjacent coastal waters of the Scheldt – SSA 9 formulation



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Three different modelling environments for different purposes

- Extend: for aggregation and integration, including for the estuarine section
- PC-Raster: for routing of water flow and N loads in the catchment, excluding the estuary
- Farm-gate balances: to include economic realism



issues/challenges

- Technical: deciding on exact formulation; unearthing data for verification; coupling and aggregating the three model lines
- Team-related: staff changes, developing common language, understanding SPICOSA instructions

next steps in modelling

- Finalizing the model train: calibration and validation of N loads, coupling three model lines
- Specifying scenarios and management measure packages
- Running scenario analyses

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