Discussion (topics) on "predictive modelling", led by Akke Suiker (TUE)

Q1: Why was it started? What do we want to accomplish?

- Simulations are cheap; many parameter variations possible
- Allows to predict lifetime of sewers
- Governing process parameters can be identified (depend on type of sewer system)
- Estimate effect of shape, seals, local conditions

Q2: Scientific results need to be implemented in practice; how is that going to happen?

- In-situ observations need to be related to models, and subsequently to decision-making procedures
- Performance indicators should be established (residual strength, functionality)
- Models should be transferred to engineering firms, who can do analyses based on input from municipalities
- Basic guidelines (design graphs) need to be established
- Practical validation of models over a longer time span is a problem, historical data is limited…