CityGML Utility Network ADE

Test data Rotterdam – Current status of implementation

Tatjana Kutzner on behalf of Xander den Duijn, Sisi Zlatanova

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Test data Rotterdam

Hoogvliet, a district of about 3 by 3km

Utility Networks
- Cable TV
- City Heating
- Drinkwater
- **Wastewater** (incl. manholes)
- **Electricity** (incl. streetlights)
- Gas
- Telecom

The data are provided as Shape files
- Pipes and cables in shapefile format (3D geometry as polylines)
- Streetlights and manholes in shapefile format (2D geometry as points)
Test data Rotterdam

Pipes and cables
Test data Rotterdam

Manholes and Streetlights
Preliminary Results
Waste water network as CityGML Utility Network data
Problems – To be solved

• Sudden/random vertical drops

• What software / application to use for visualizing the data except FME

• How to create a cylindrical geometric buffer around the line in FME