Generalisation of a 10k map from municipal data

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Urban Area: BGT vs. TOP10NL
Rural area: BGT vs. TOP10NL
Rural area: BGT vs. TOP10NL
Differences BGT and TOP10NL

- More detail urban areas in the BGT
- Rural areas (mostly) less detail in the BGT
- Geometry differences
  - Areas in BGT are often lines or points in Top10nl
- More and less object classes, attributes and attribute values.
  - Top10nl mostly the richest
- Definition of attribute (values)
- Difference in aggregation level
  - Object classes
  - Objects
- Undefined objects / attributes in the BGT
- Height level
- Planarity
- BGT maintenance – Top10nl topographic map
BGT vs. current Top10NL
differences BGT – Top10NL

- water polygons
- Water polygons and waterlines
Generalisation steps

- Convert water polygons to water lines
- Determine width class of the water lines
- Cowdam reconstruction
- Resolve adjacent waterlines
- Classify water polygons
Convert water polygons to water lines
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Issues

- Width calculation
- Width calculation supplemental water areas
- Definition of trenches
Top10nl Cow dam
BGT Cow dam
Adjacent water lines
Water network or not
Top10NL vs BGT(10d)
Verschillen

Top10nl op BGT

BGT op Top10nl
Questions?