Continuous generalization of road networks for the tGAP structure

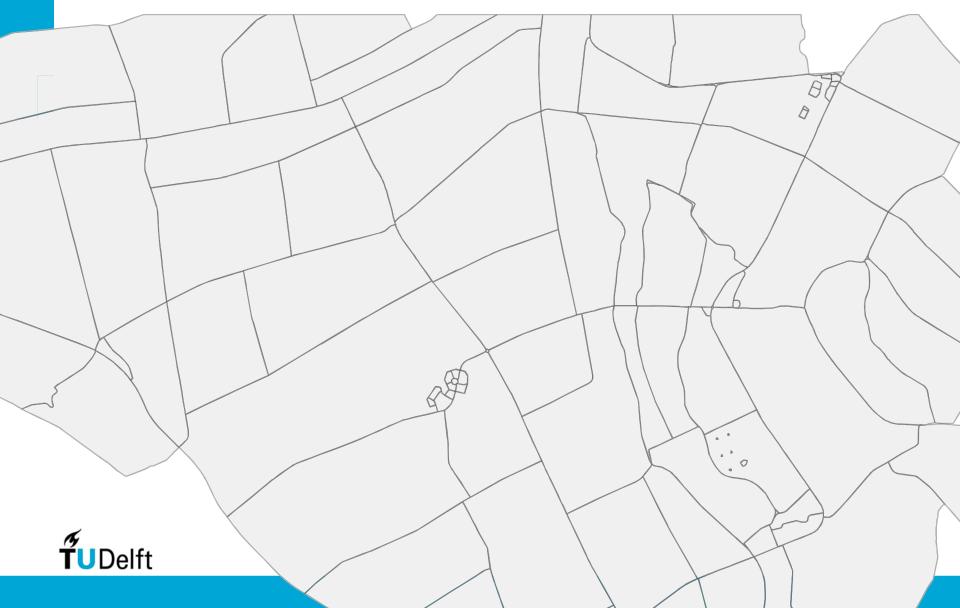
User committee Meeting February 12, 2014 Municipality, Den Haag

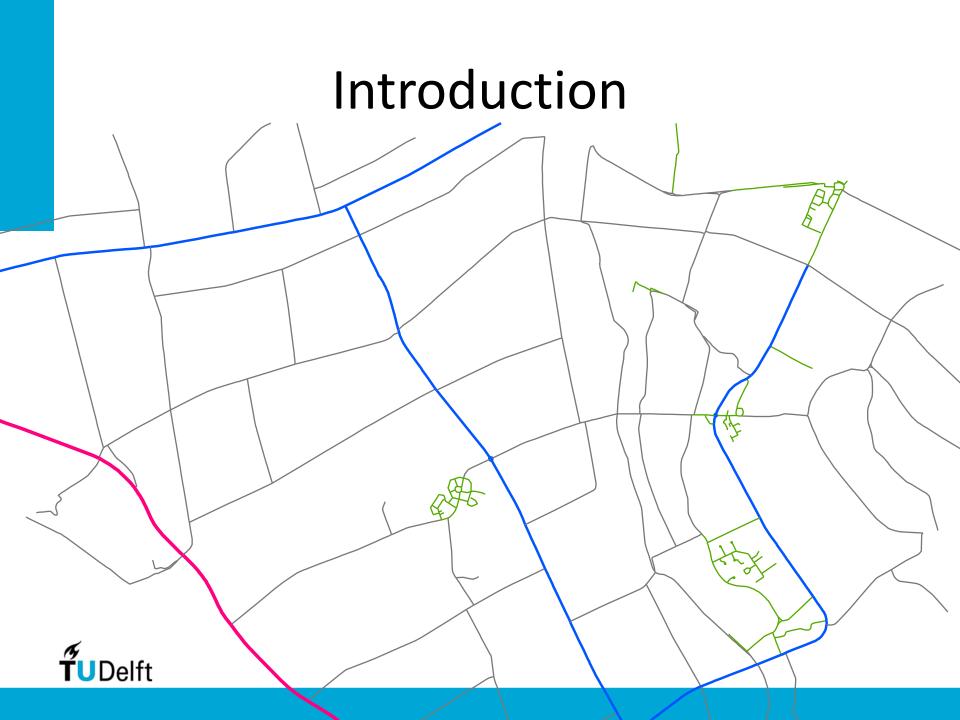
Radan Šuba

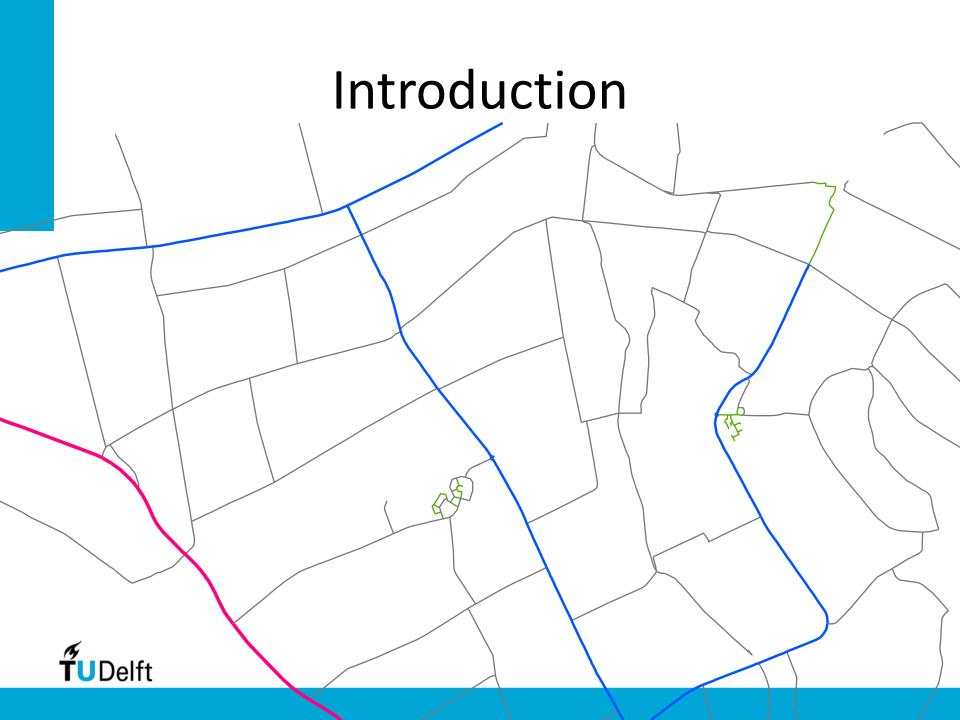




Introduction







Road network generalization in vario-scale

- Automatic process all roads from detailed to less detailed scale in vario-scale manner
 - Use the same structure for different purpose
 - Gradual as much as possible
 - Preserve connectivity
 - No strokes

initial scale final scale

areas

lines

collapse



Done

- Preprocessing, input
- Support dangling edges in the structure
- Classification
- Dead-ends involved
- Merging edges (geometry)



Future work

- Merging edges (classication)
- Areas
- Missing classification
- Combining more classes

initial scale

areas lines

collapse



Future work

Combining more classes

