

Simplification Wizard for MIKE URBAN – Abstract

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Network simplification is associated with the process of eliminating nodes/junctions that appear redundant and insignificant for the hydraulic simulation. Simplification reduces the complexity of the network, which improves the efficiency of the hydraulic simulations without compromising the integrity and accuracy of the model.

Simplified networks are often used in different contexts such as online applications, long term simulations, strategic versus detailed models etc.

MIKE URBAN now feature a wizard tool for simplification. The wizard provides functionality for scrubbing (removal of unlinked elements), trimming (intelligent removal of sections of the network) and merging (based on various parameters). The tool is designed to interact seamlessly with existing MIKE URBAN functionality like selections, and shortest path. When the simplification has finished, the user will be presented with the result of the network processing.