Bentley’s mission is to provide innovative software and services for the enterprises and professionals who design, build, and operate the world’s infrastructure — sustaining the global economy and environment for improved quality of life.
Going Digital – Engineering Enabling Collaborative Sustainable Urban Development
Flood model - Helsinki, Finland
Forced choice, or best of both worlds??

Semantic Model

is

NOT

Realistic Model
Linking different disciplines
Best of both worlds - Hybrid (data) Models + Federation of Data
Thoughts for GeoBuiz consideration

• Vast majority of current Infrastructure is not Digitized/Digital (>30 years) => Need fast digitization methods
• Construction industry is weakest link in automation => much to gain!
• Many (“standards”) data formats and vendors => Federate the data
• IoT data must be “mapped” on top of Infrastructure Reality, to provide analysis
• “Smart” requires “Digital”, and digital is not automatically Smart
• Managing Smart GIS/BIM = 4D, 5D, 6D (and 3D should be a given) and requires Change Management over time