

User Stories (Assess & Visualize)

- As the Local Council of Amager Vest...
 - ...we want to analyze current traffic and mobility patterns to identify congestion points, understand commuting behaviors, and grasp traffic flow dynamics, to get actionable insights for informed decision-making in urban planning and environmental management (**Mobility Model**)
 - ...we want to assess district's air quality at a detailed level, focusing on key pollutants like NO₂, SO₂, CO, and particulate matter, by integrating data from satellite, mobile mapping and in-situ stations, in order to inform environmental policy and public health initiatives (**Air Quality Model**)
 - ...we want to be able to properly visualize the findings of the mobility and air quality model, to get insights beyond pictures and numbers (**Model Visualization**)



User Stories (What-If Analysis)

- As the Local Council of Amager Vest...
 - ...we want to simulate the impact of existing road segment tunneling to repurpose the reclaimed ground for other urban uses (**High-Speed Road Redesign**)
 - ...we want to customize the ration and type of Electric/Low-Emission Vehicles and Active Mobility items to study the impact on air quality (**Electric, Low-Emission Vehicles and Active Mobility**)
 - ...we want to convert specific areas to LEZ (low emission zones), where motorized circulation is prohibited or limited to specific classes of vehicles) to study the impact on air quality (**LEZ Zone Creation**)
 - ...we want to adjust speed limits for specific road segments or entire categories of roads (**Road Speed Adjustment**)

