The requirements

Optimize traffic, safety, infrastructure and environmental conditions in the Port

- At a major **entry road** to the Port of Hamburg, including the **Kattwyk bridge**
- **Improve** traffic management for **reducing** traffic related delays and subsequent loss of income
- **Improve safety** by rolling out newest generation of smart street lighting
- **Improve and understand** environmental data and air pollution in the harbor area
- **Understand infrastructure loads** on most critical parts of the road
The project Consortium
Area Map
Traffic sensing & Incident Management

**BENEFITS**

- Traffic Monitoring – Live CCTV coverage
- Traffic Incident Detection
- Traffic Density
Smart Street Lighting

**BENEFITS**

- **Power Reduction** – LED technology, Light-On-Demand
- **Power Monitoring** – Average and current usage
- **LBPC – City WiFi** Location Based Personal Content
Environment / Infrastructure Sensing

**Environmental sensing** – online, 24 hours / day measurement and display of status
- **Wind** direction and speed
- **Atmospheric Sensing** – Temperature, Humidity, Precipitation
- **Pollution** sensing
- **Critical Infrastructure** sensing
Dashboard view

**Traffic App**
- User #: 001354
- Speed: 25 km/h

**Options**
Dashboard View
Dashboard View
Unlocking the Potential of the World