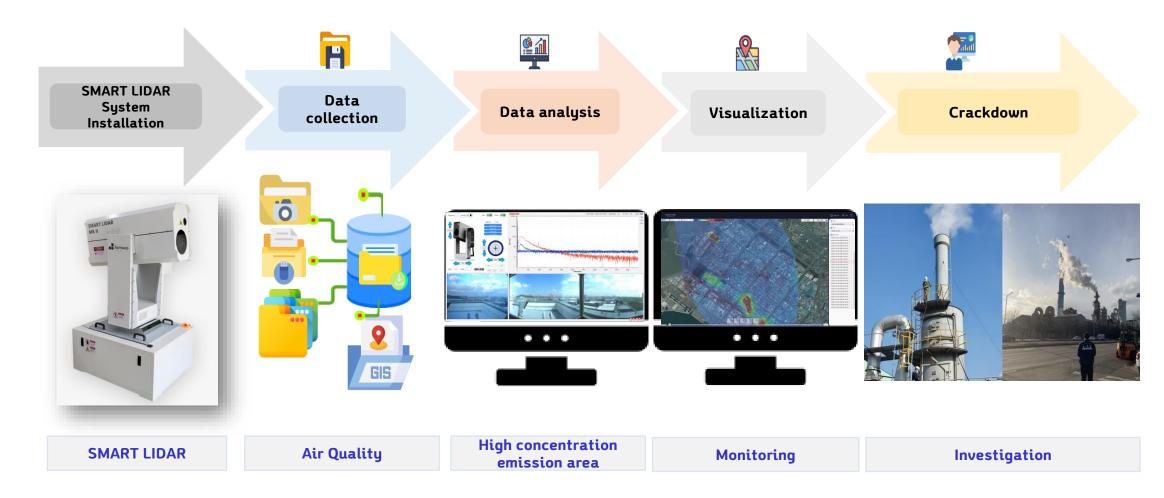
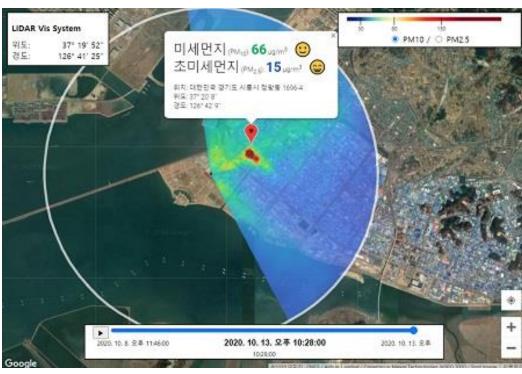
Siheung Sihwa National Industrial Complex Illegal Air Emissions Control System Diagram



Siheung Incineration Plant

SMART LIDAR Sytem: analysis results



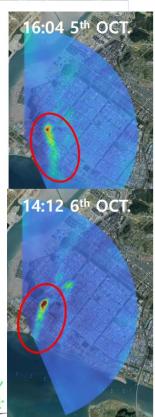


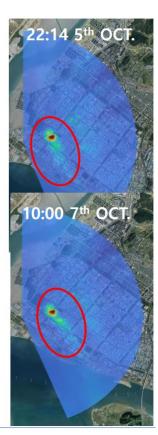
Air Emissions Monitoring and Enforcement



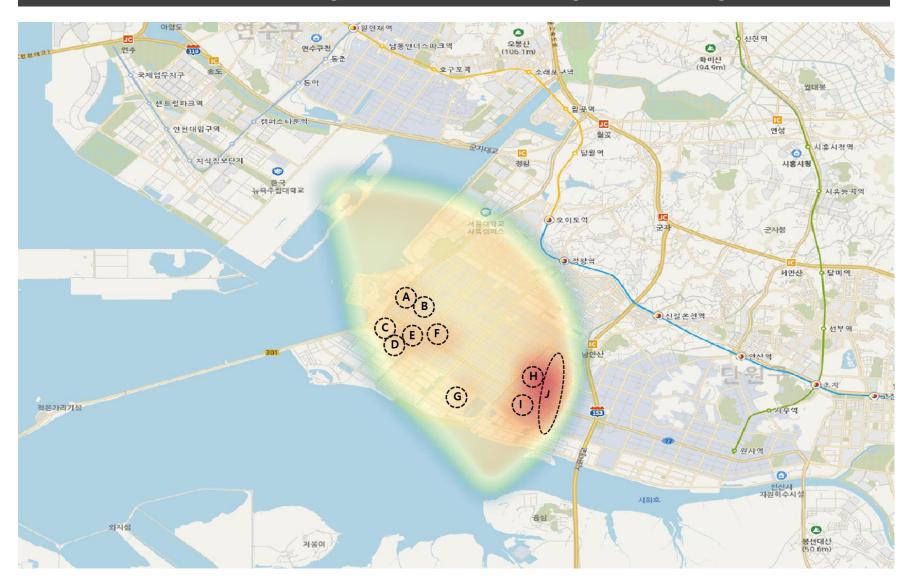








Identification of Illegal Emission Hotspots through Heatmap Analysis



Introduction to SMART LIDAR Operation Sequence and Monitoring



Product Characteristics

. Expressed the mass concentration of Particulate Matter(PM10, PM2.5) in real time with spatial resolution of 30m in a wide area (5km radius)







Method of Observation resolution 360° Scanning 30 Meter



Angular resolution Within 10°

Observation peride Within 30 Min



Real-time Visualization

Spatial

Application

- · Provides high-resolution fine dust concentration In a city center
- · Monitoring of dust emission In a industrial complex
- · Monitoring of Illegal Incineration in Rural Areas

Observation

24 Hours

- · Monitoring of dust emissions in harbors and ships
- · Early detection of forest fires
- . Visual distance observation(RVR, MOR, SOR, SVR, VOR, etc.)



