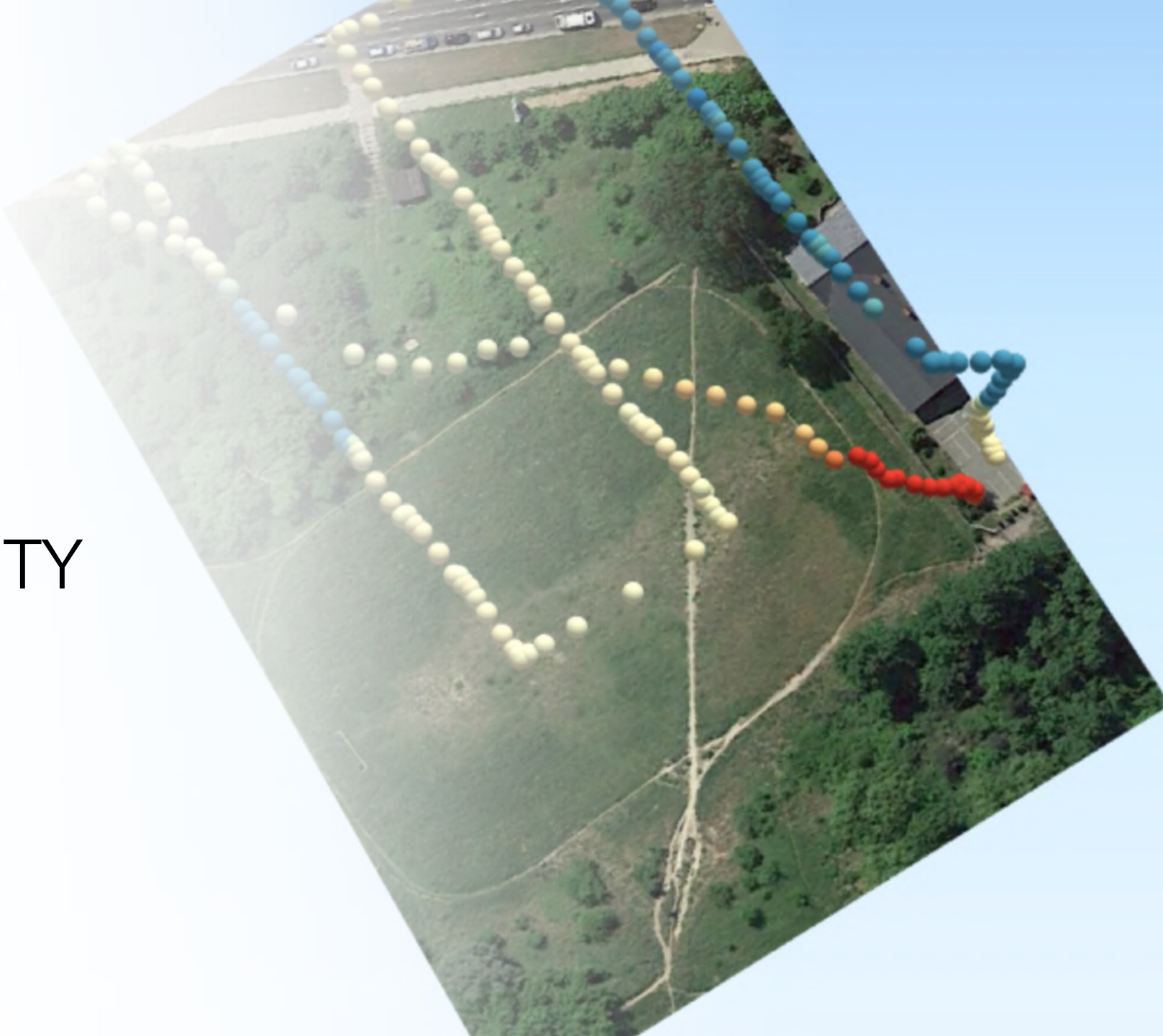
DRONE AIR QUALITY MONITORING

Where We Can use drone air – lab system Atmon FL ?



AtmonFL

AtmonFL is an independent, wireless, light and mobile measuring system used for carrying by unmanned aerial vehicles BSP (UAV - drones).

The AtmonFL flying laboratory is designed to control and measure the consumption of gaseous substances in the air and particulate matter.

AtmonFL is dedicated to monitoring the air condition and concentrations in open spaces and semi-closed facilities, to those that are accessible by drones.

With the AtmonFL Pollution monitoring lab, All that is required is to fly the drone up to the stack height, and full information including all sensors reading, humidity, temperature and GPS position will be sent to the ground station and monitoring software automatically. The collected data enable the creation of pollution maps (2D & 3D)

Where to use it ?

- measurement and assessment of air pollution indicators
- detection of low emission pollution sources
- environmental control in rescue operations

City monitoring

Industry monitoring

Power Station

Petrochemical refinery

Sewage treatment plant

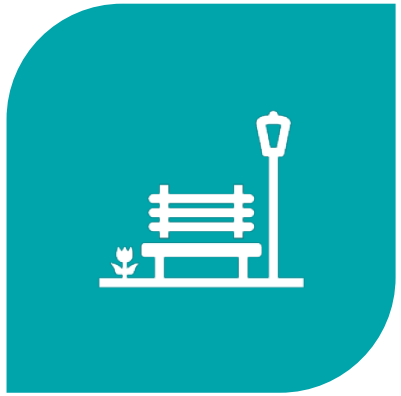
Landfill

Locating the source of pollution

Airports, ports, train stations

Monitoring exceeding standards

Open space monitoring



PARKS, NATURE RESERVES

FOREST AREAS

ENVIROMENTAL POLLUTION RESEARCH

Monitoring of communication pollution

Highways

Streets and bridges

Parking

Impact of traffic management

Analysis of activities to reduce communication pollution