**Real-Time Air Pollution Alert and Response System for Vehicles**

**Ενδεικτική Περιγραφή**

The project involves using satellite data and onboard vehicle sensors to improve air quality monitoring and provide real-time notifications to drivers.

**Αναμενόμενο Αποτέλεσμα**

This project aims to create a smart air quality monitoring system for vehicles, integrating satellite data and onboard sensors to enhance driver awareness of air pollution. The system will:

1.Retrieve satellite data based on the user’s location and notify the driver when entering a highly polluted area.

2.Utilize onboard sensors to detect dangerous levels of air pollution inside the vehicle, automatically closing the windows and recirculating air when necessary.

3.Anonymously publish the location and pollution data to contribute to a community-driven pollution map, similar to the Waze app.