

ISBAK & SMART CITIES

06.09.2021



HY LIVABLE TOLERANT FAIR AGILE LIVABLE SOCIAE
LIENT SUSTAINABLE SAFE ON TIME RESILIENT FOCUS EFFICIENT
REENER ACCESSIBLE TIMELESS HEALTHY ACCE
ACCESSIBLE FOCUS INCLUSIVE PARTICIPATING
ENERGETIC PEACEFUL INCLUSIVE GREENER TOLERANT
ON TIME RESILIENT LIV
PARTICIPATING INNOVATIVE
CONNECTED TECHNOLOGIC
RESILIENT ACCESSIBLE



ISBAK ISTANBUL IT AND SMART CITY TECHNOLOGIES INC.

ISBAK is the affiliated company of Istanbul Metropolitan Municipality, which provides project design and implementation services through traffic and system engineering since 1986.

ISBAK R&D Center represents the technology side of Istanbul Metropolitan Municipality and is expertized in the field of ITS.

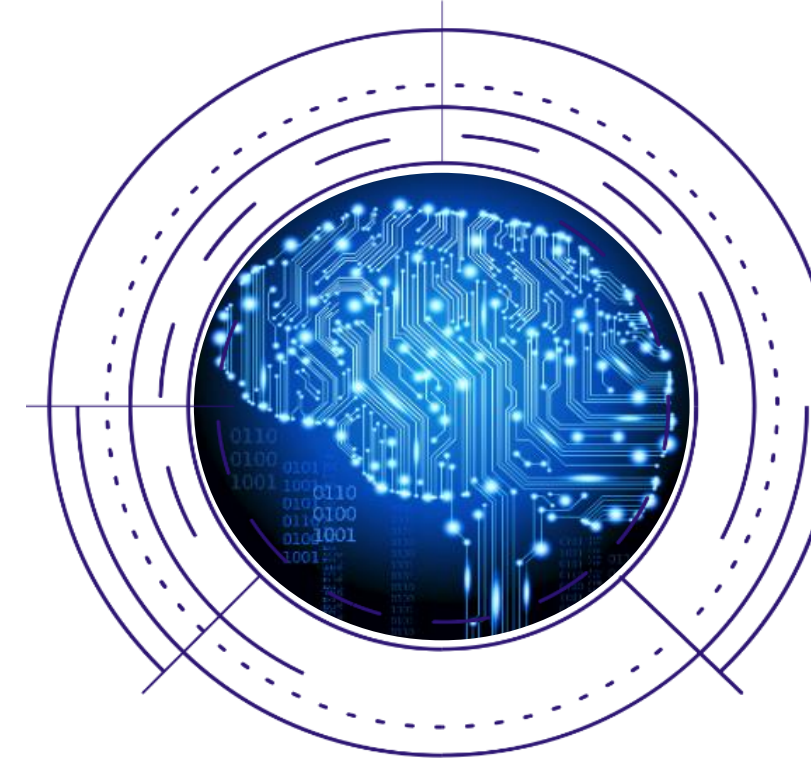
ISBAK's mission is to provide innovative, sustainable and efficient solutions for safe, comfortable, resilient and green cities.



We continue to implement new generation technologies with our 35 years of experience.



01. PLANNING &
PROJECT DESIGNING



03. INTEGRATED
SOLUTIONS



02. INTELLIGENT
TRANSPORTATION
SYSTEMS



04. SUSTAINABLE
OPERATIONS
MANAGEMENT

SMART CITIES ARE BUILT WITH SMART SYSTEMS



MOBILITY



ENVIRONMENT



ENERGY



SECURITY

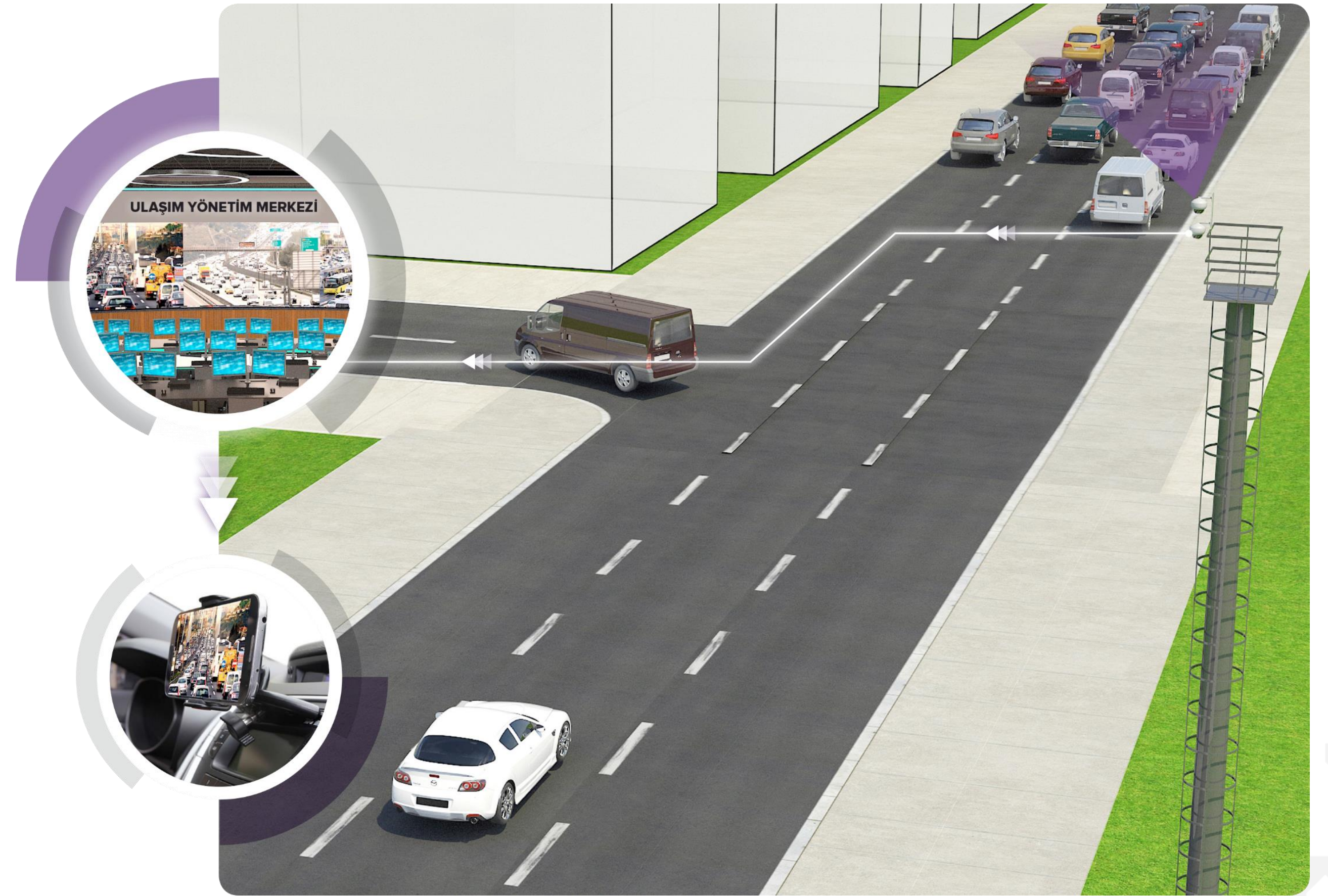


MOBILITY

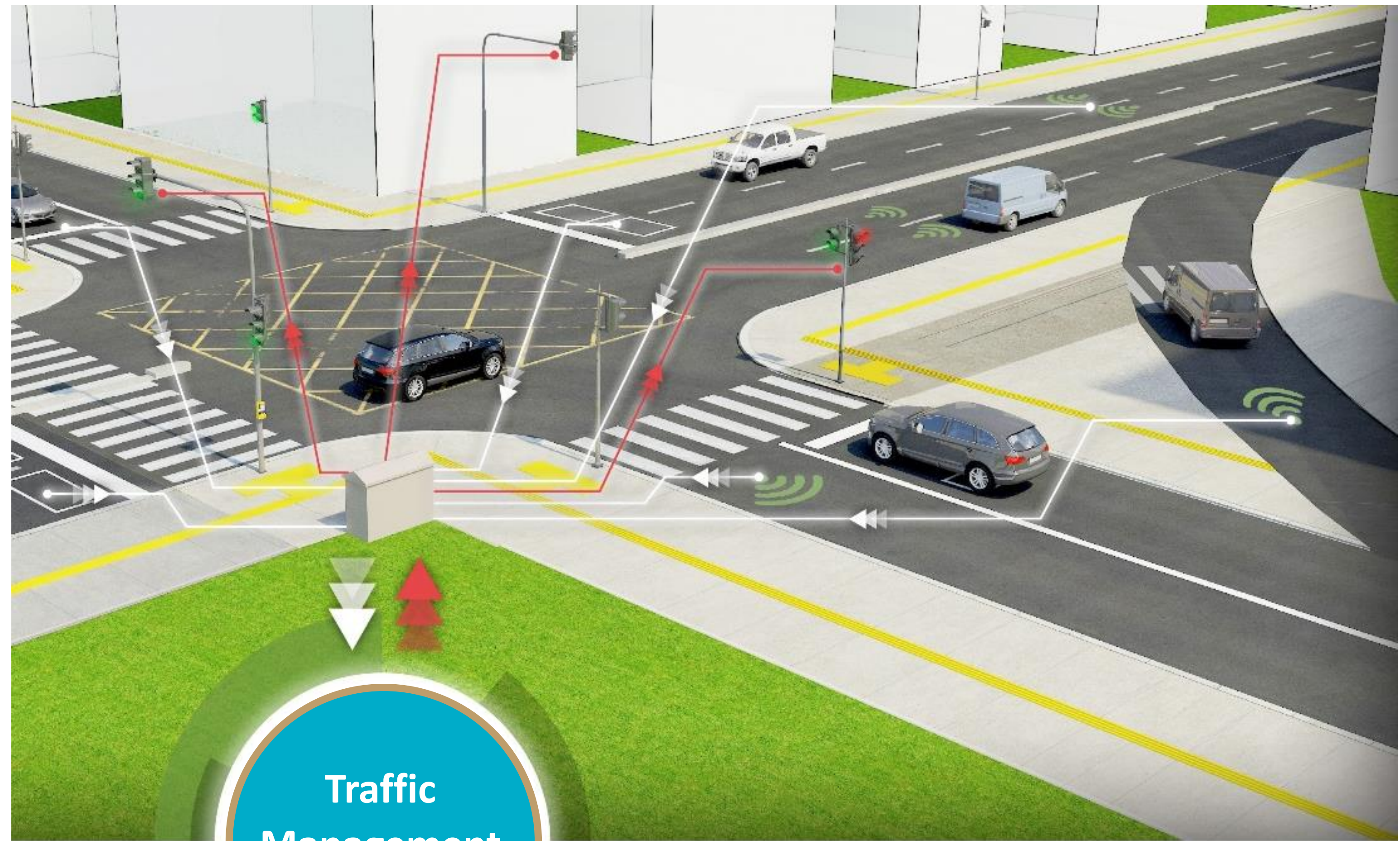
- Transportation Management Center
- Traffic Management Systems
- Traffic Measurement & Information Systems



TRANSPORTATION MANAGEMENT CENTER

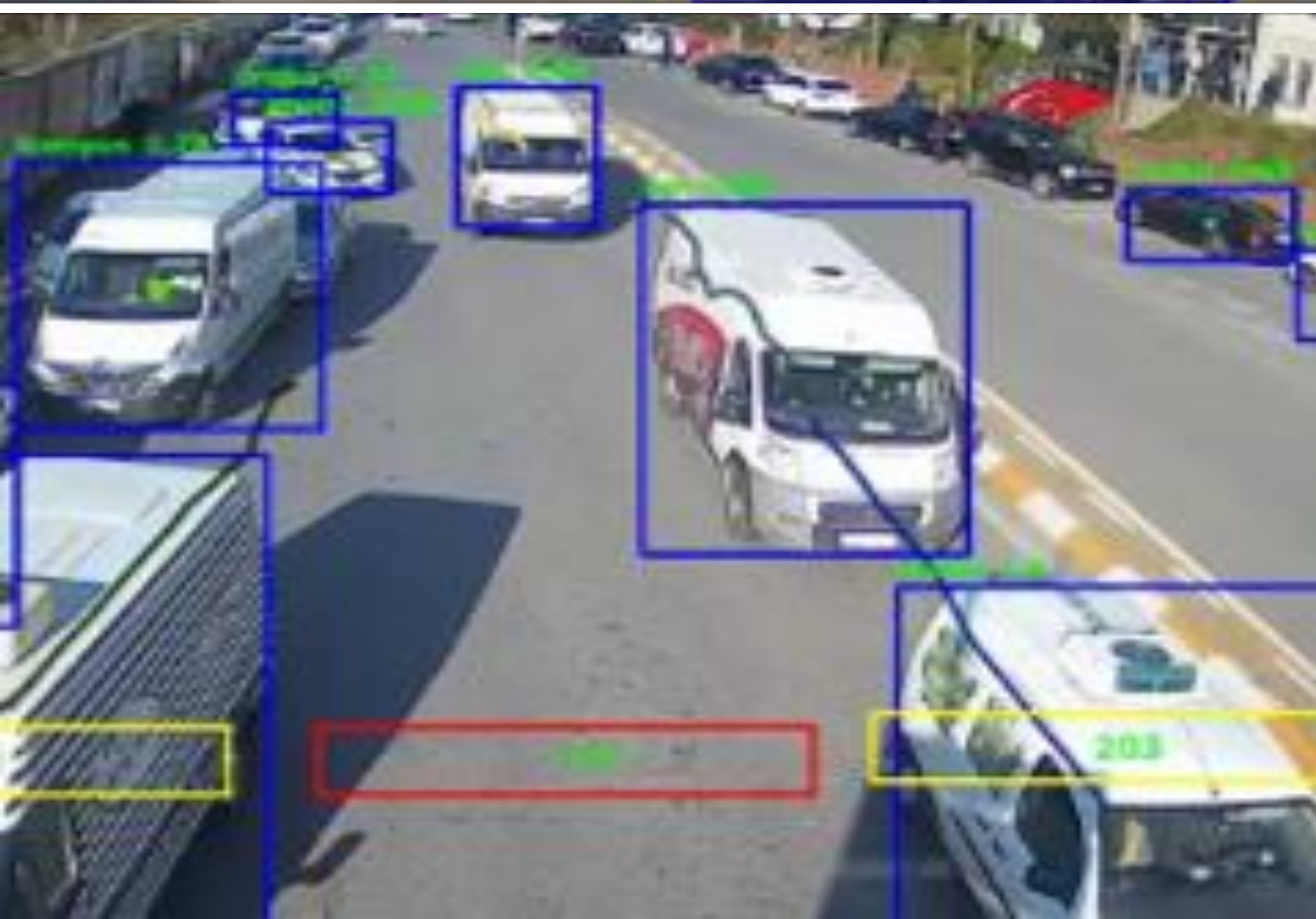
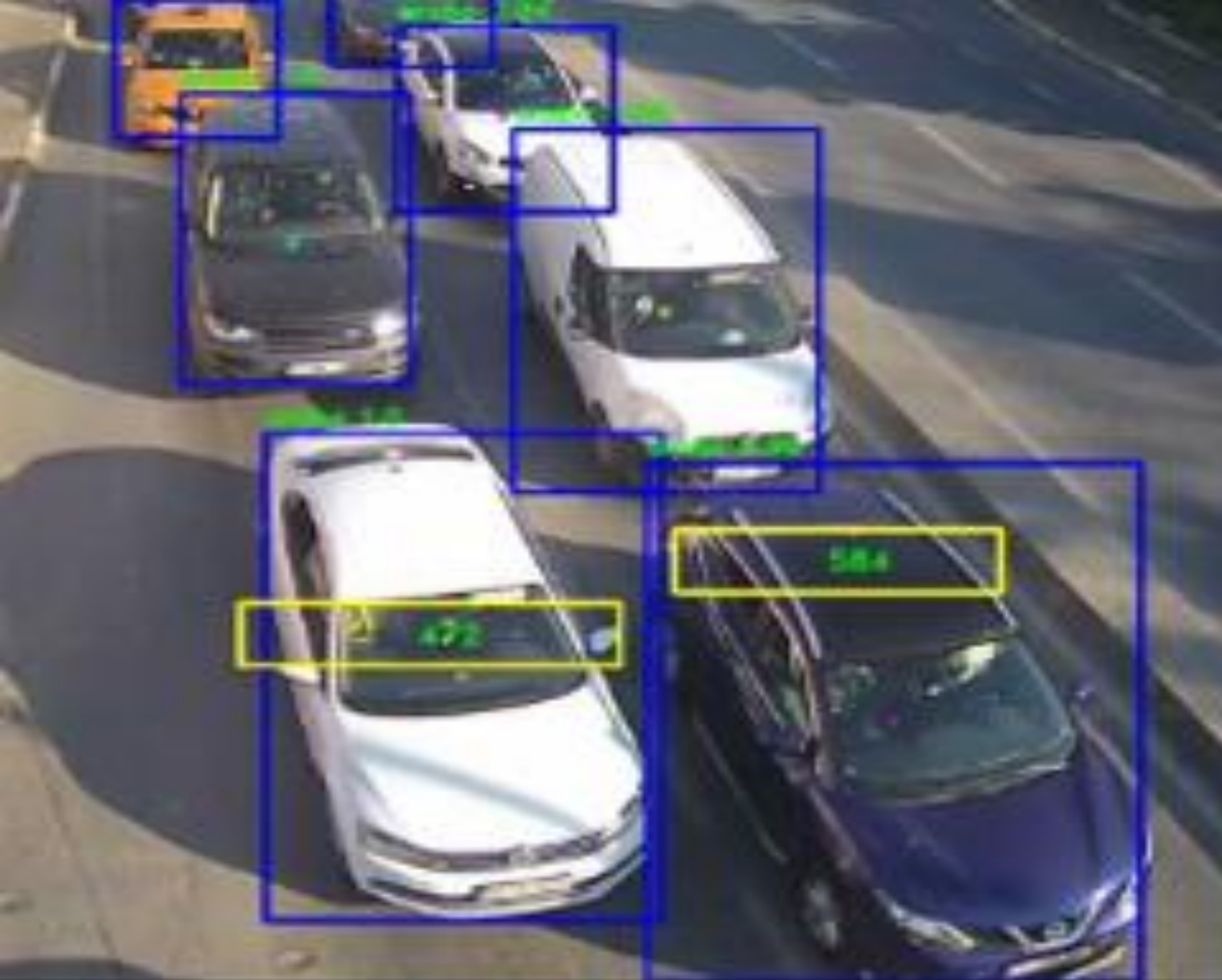


A management approach that collects data 24/7 and finds solution for a city that lives 24/7



Traffic Management Systems

Provides efficient, safe and fluent management of traffic within the scope of planning, design, integration, maintenance and operation services.



Collected traffic data, like vehicle classification and counting, are used to inform the drivers about traffic.

ENVIRONMENT

- Smart Recycling Container
- Air Pollution Monitoring
- Excavation Tracking System



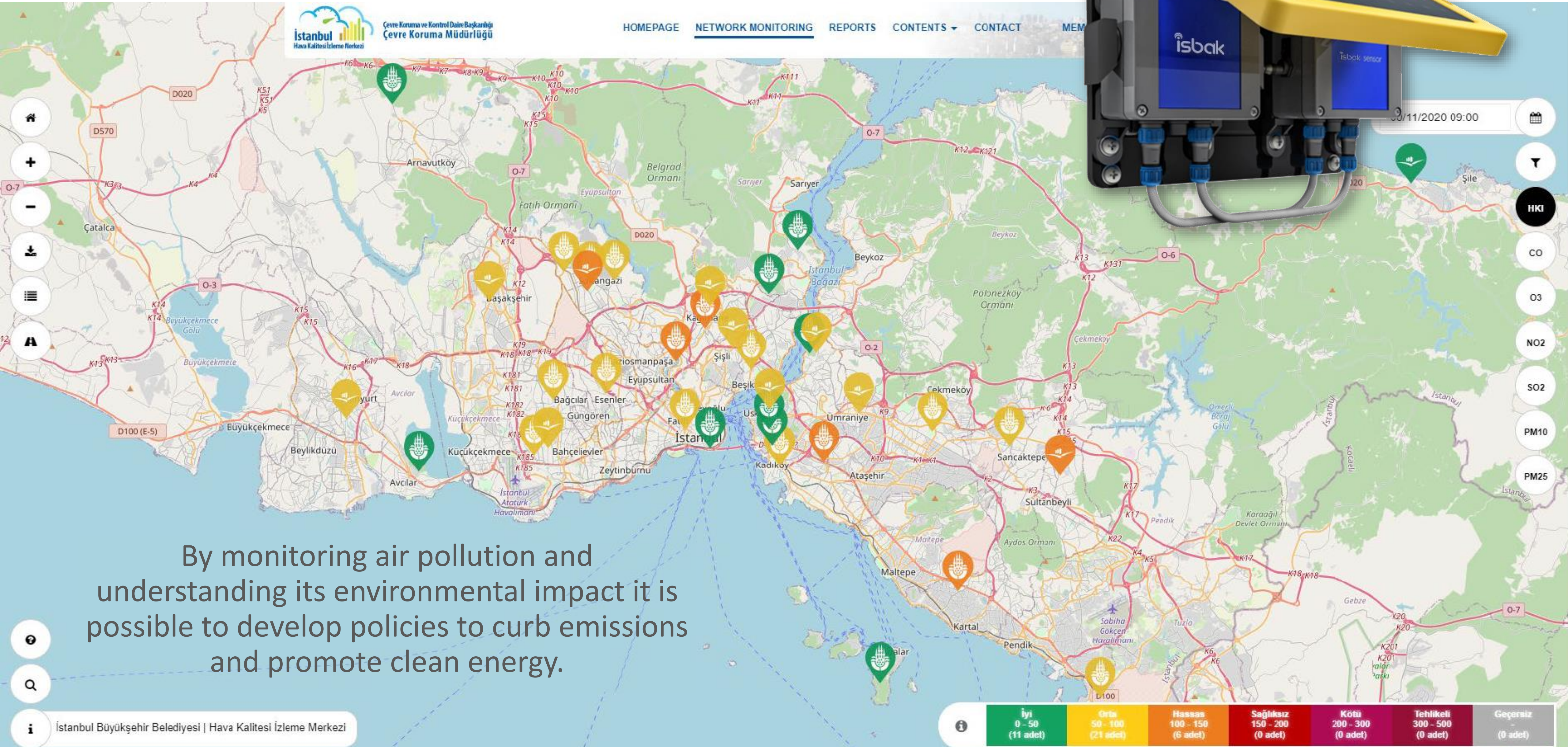
SMART RECYCLING CONTAINER



Raise awareness of the citizens to the environment and the importance of recycling.

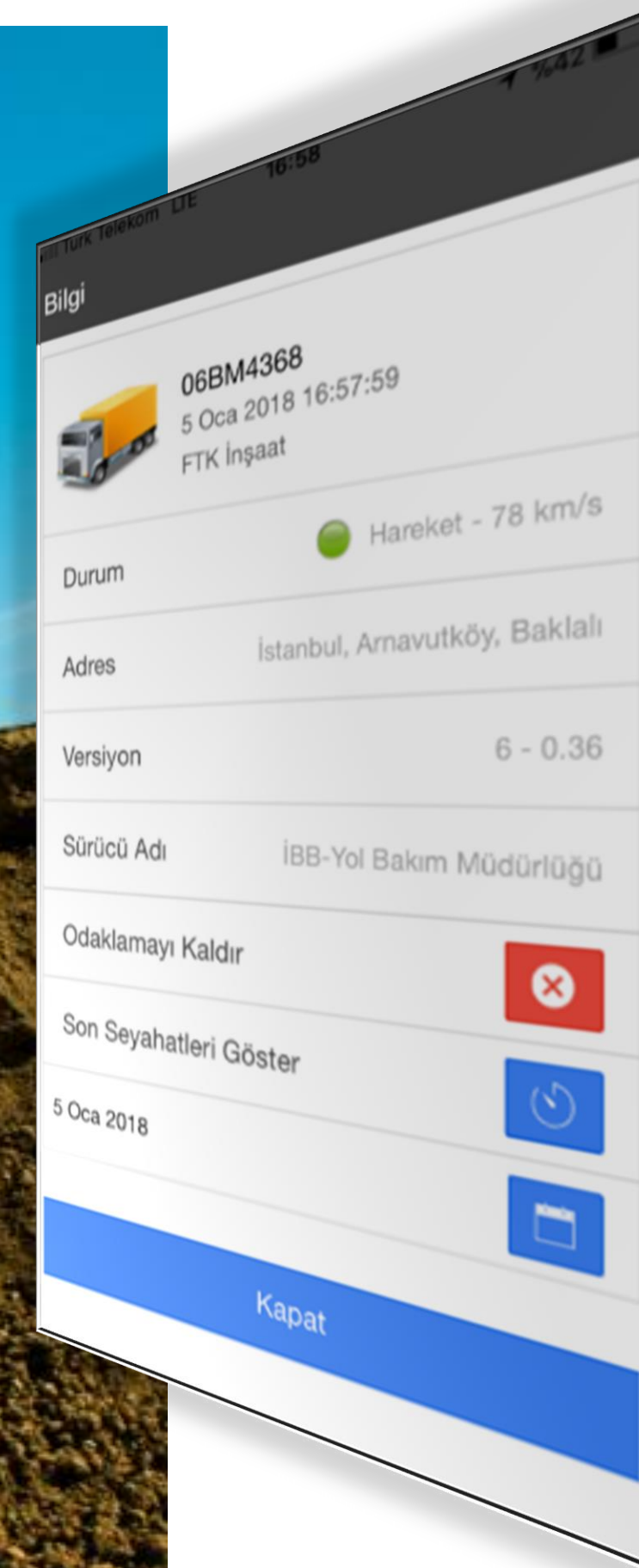


AIR POLLUTION MONITORING



By monitoring air pollution and understanding its environmental impact it is possible to develop policies to curb emissions and promote clean energy.

EXCAVATION TRACKING SYSTEM



Developed to follow the process of excavation trucks from the point they receive the excavation to the point where they dump it.



ENERGY

- Electric Vehicles & Charging Stations
- Smart Lighting



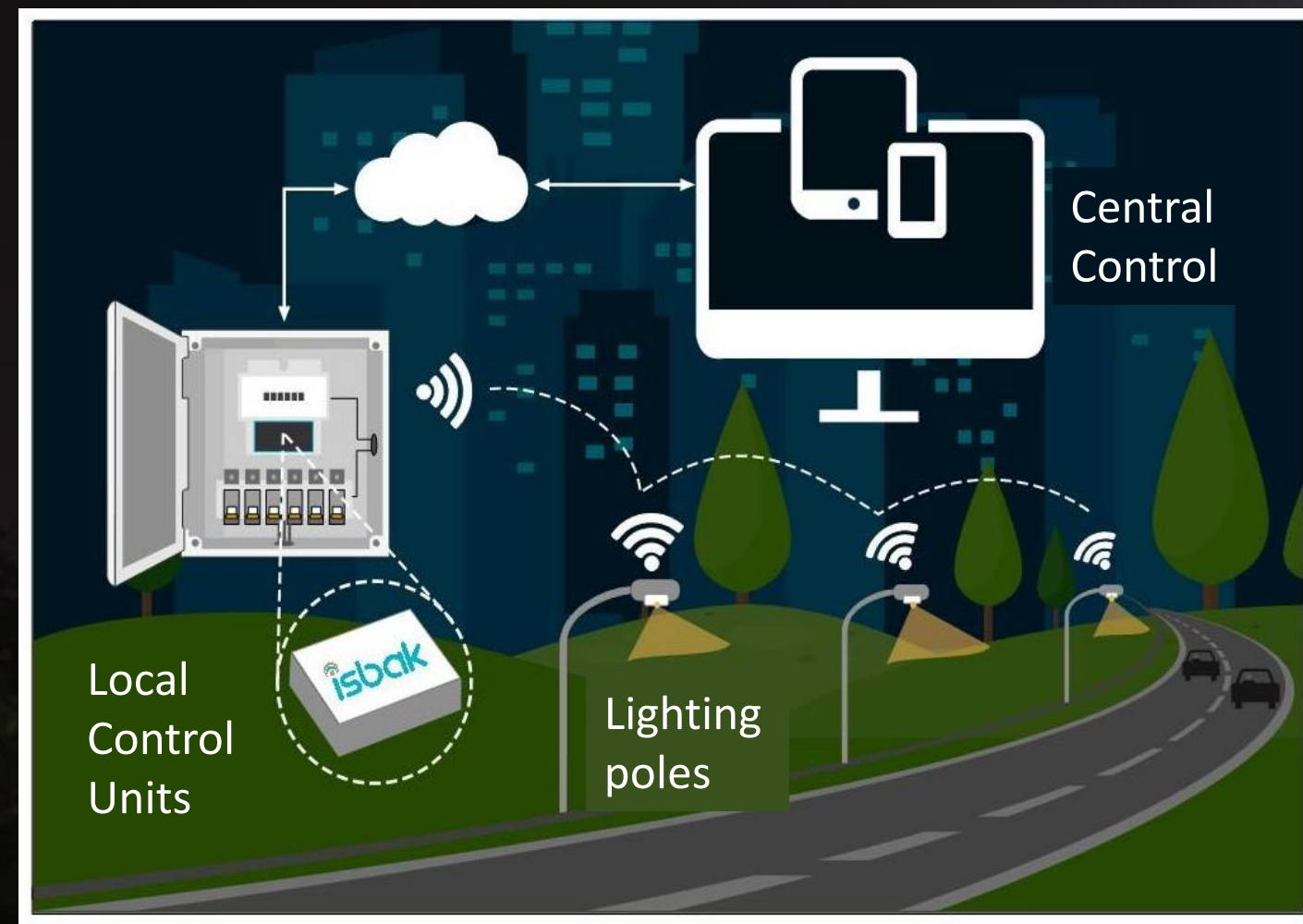
ELECTRIC VEHICLES & CHARGING STATIONS

Projects that will increase the energy efficiency and that are environmentally friendly.

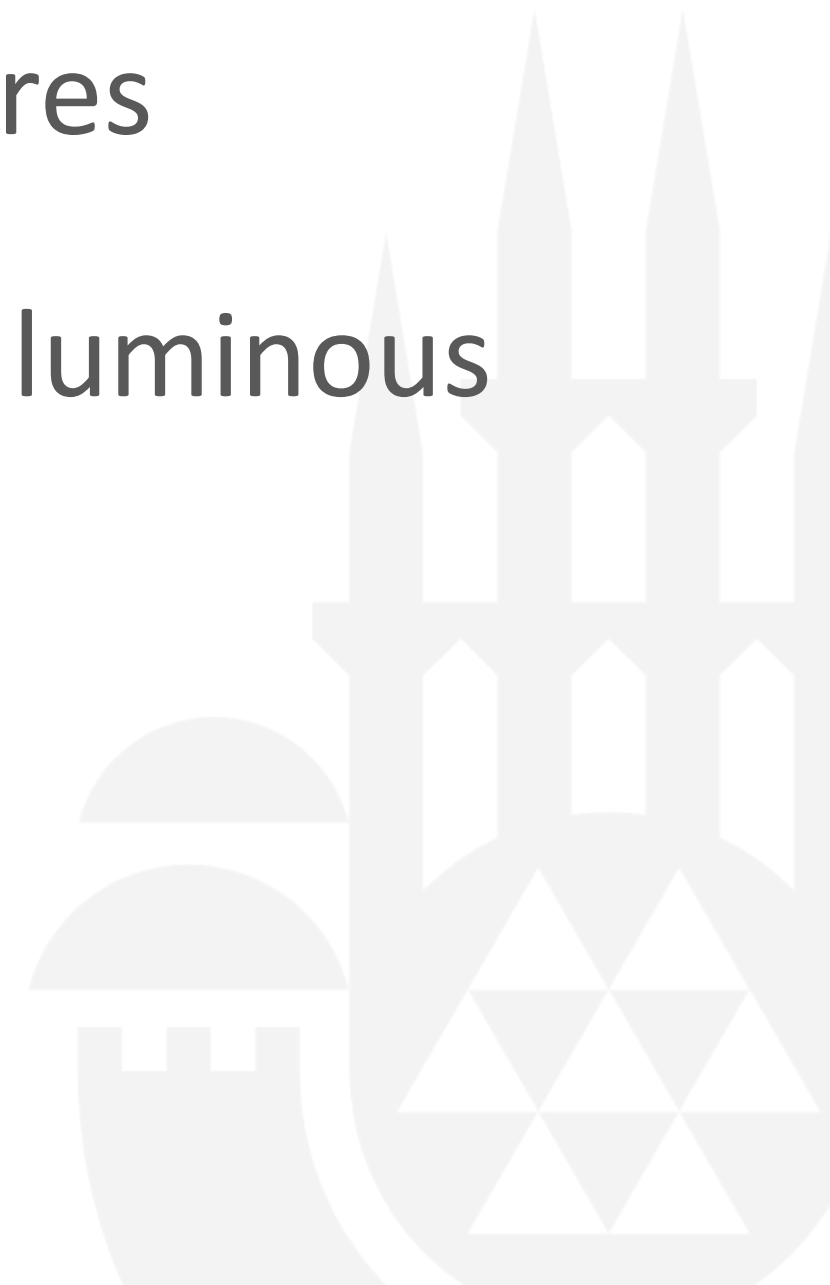
Activities to support the use of electric vehicles in Istanbul and to become a pioneer in the transformation of electric vehicles



SMART LIGHTING



- Energy efficiency:
- Using more efficient light sources and luminaires
 - Dimming the luminous flux





SECURITY

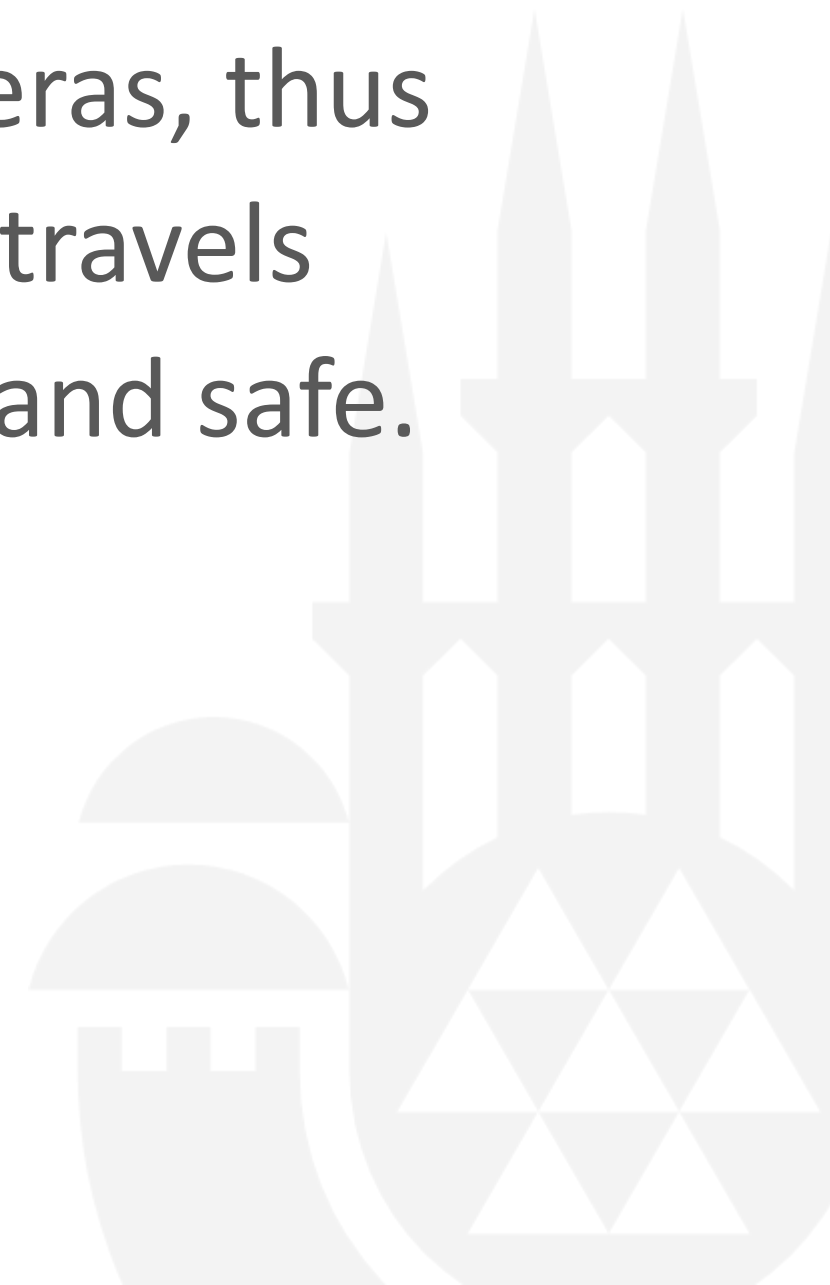
- **Vehicle Camera Systems**
- **Passenger Access Control /
Personnel Attendance Tracking Systems**



VEHICLE CAMERA SYSTEMS



In Istanbul, buses, minibuses, taxis, etc. are all managed by public transport systems and monitored by security cameras, thus making all travels comfortable and safe.



PASSENGER ACCESS CONTROL / PERSONNEL ATTENDANCE TRACKING SYSTEMS



THANK YOU

