STREET LIGHTING & SMART CITY

STREET LIGHTING

backbone for IoT

IQRF in street lighting

Main requirements:

- collecting and storing data
- data analysis
- border automation
- share results
- security

1

Existing infrastructure with **ideal** topology which covers almost all disciplines human activies

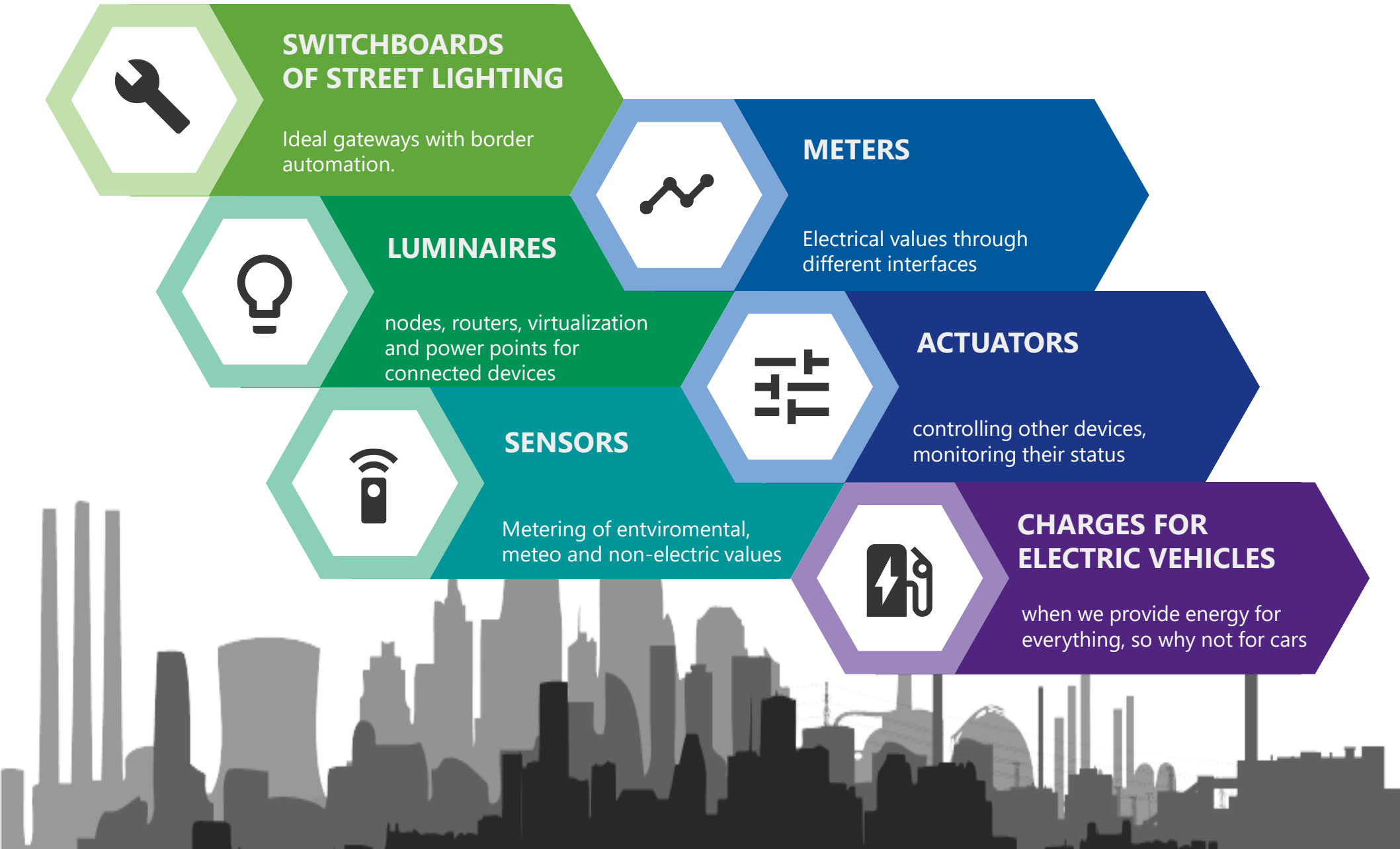
2

Connecting individual **devices over a IQRF data network** without active human participation. Robust, fast, safe, mesh network with no fees.

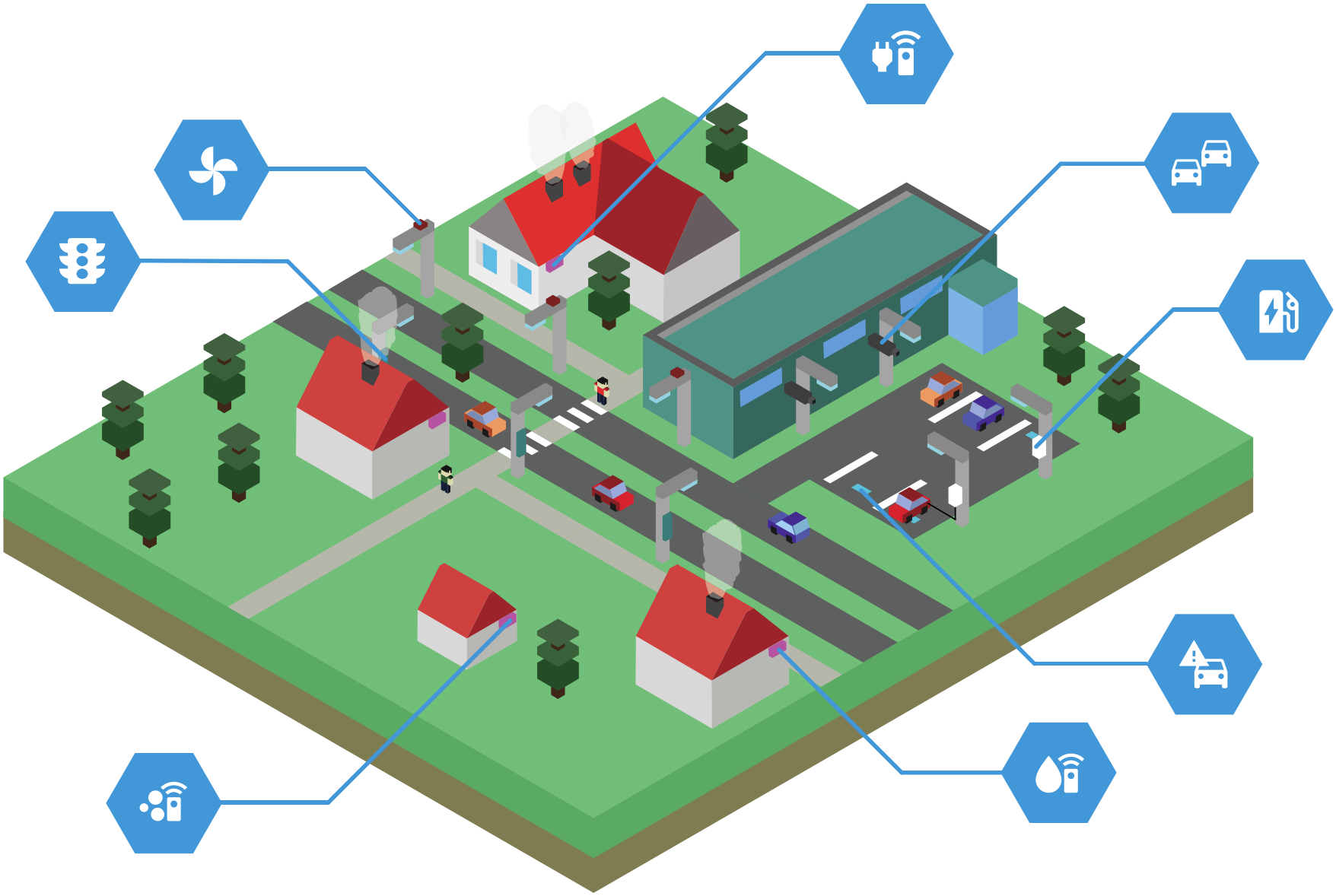
3

The goal of our solution is to connect , systems and services through a **street lighting network** to **provide more data, that can be transfered** to information and information **to knowledge**, that can be applied.

IQRF connected devices



WHERE WE ARE?



traffic sensor

meteo sensor

detection system

parking sensor

connected gas meter

connected gas meter

charger for E-cars

connected water meter

E-ink infopanel

smoke detection

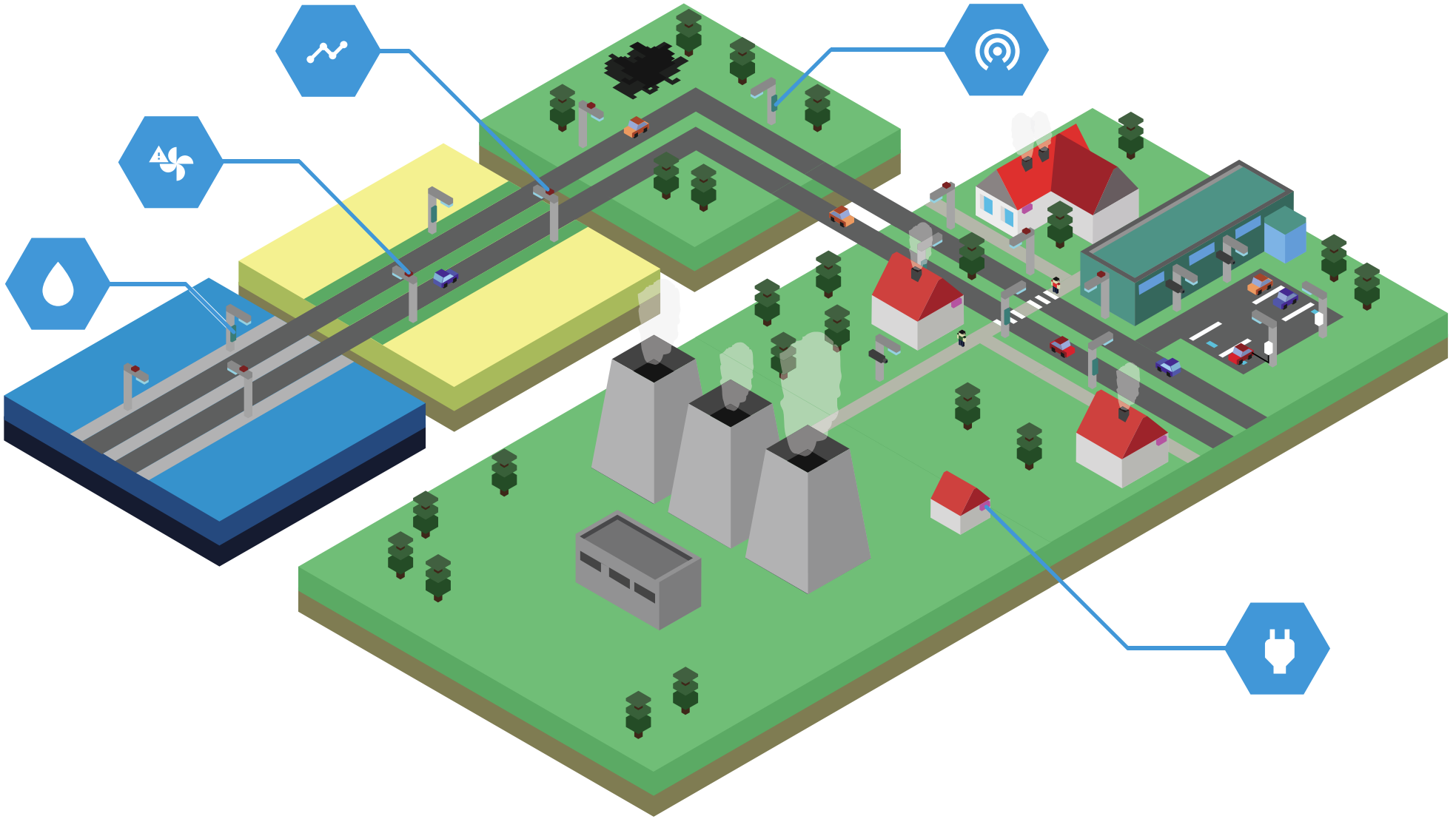
lights control

enviromental sensor

charger for E-cars

WI-FI

anomalies detection



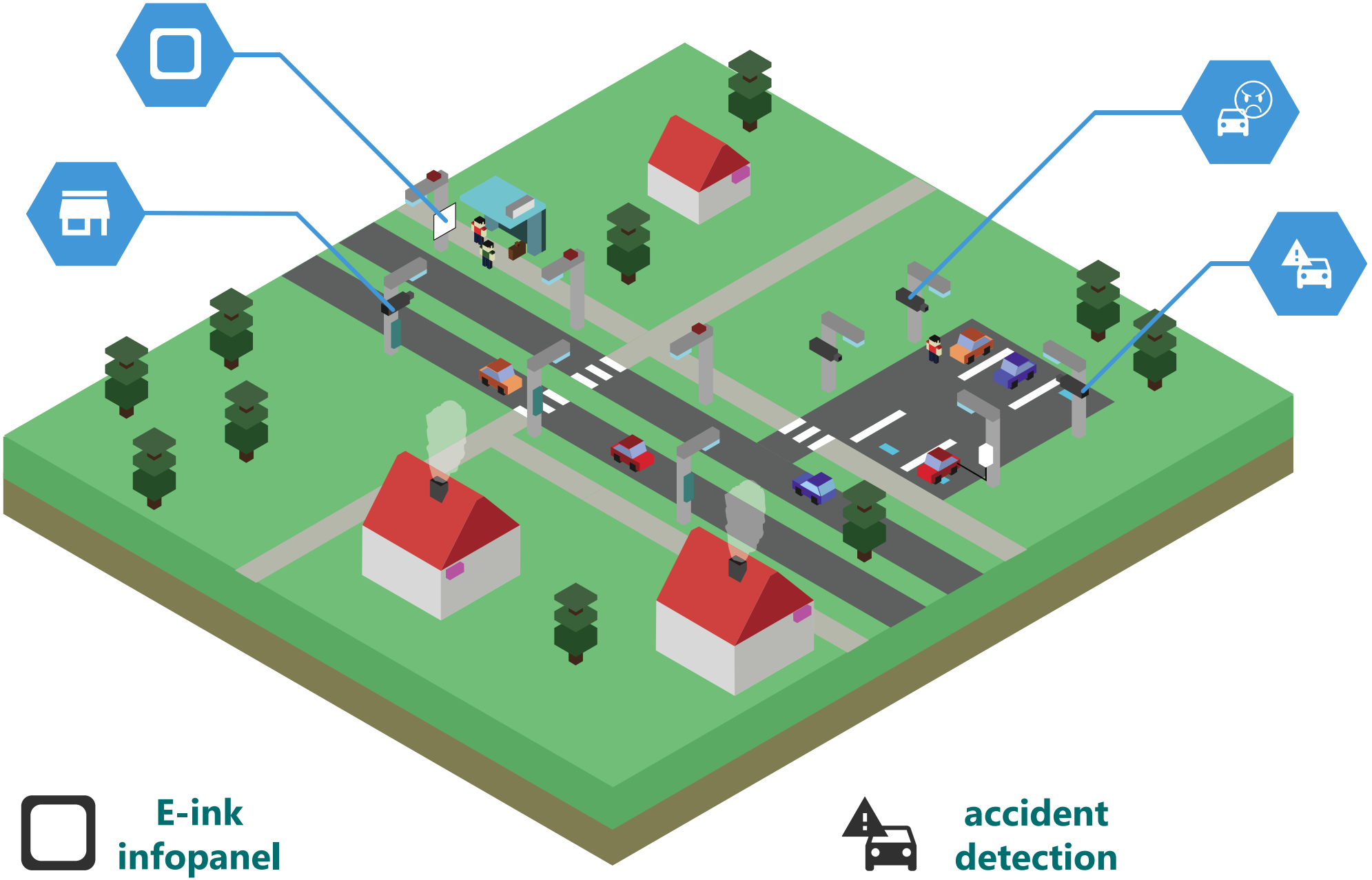
fire detection

flood detection

black dumps detection

contamined soil detection

quality control of the distribution network



E-ink infopanel

face and license plate recognition

accident detection

incident detection

THANK YOU FOR YOUR ATTENTION