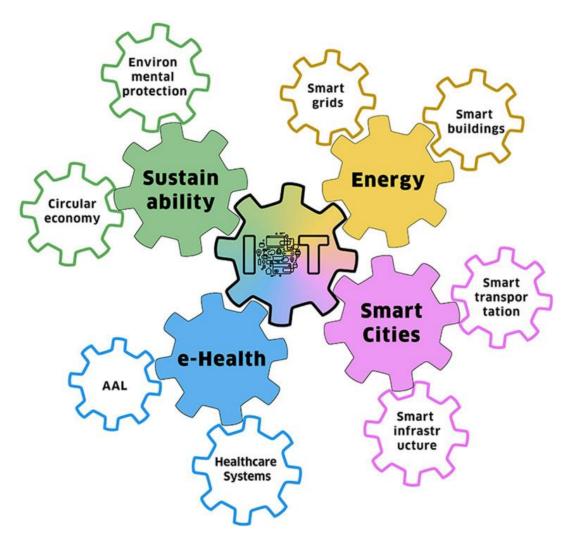


- 9 09 Jun 2022
- ViK Pilot Concept Smart Metering
  - ViK Split, Waveform

# INTERNET OF THINGS (IOT) ROLE

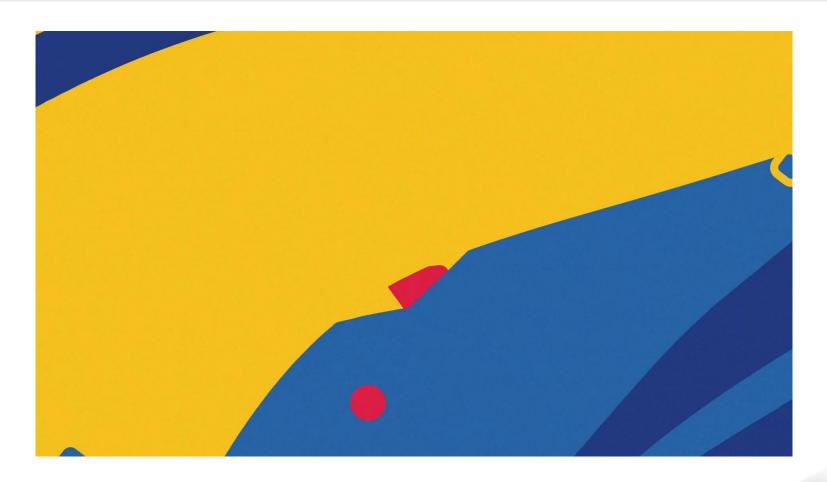






#### Interreg **IOT ROLE CENTRAL EUROPE** European Union European Regional Development Fund **CWC** Efficient Microcontroller Sensor(s) Radio Unit Antenna Unit (MCU) Barometric Pressure Sensor & Altitude Senso Power Should be examined Management Unit and Power before investment Sources Data rate & Cost: Low Power consumption we leave to 100 MBps Wi-Fi Cellular manufacturers 5G 4G/LTE 3G 1 MBps Lincesed LPWA 100 KBps 1 KBps 100 m 1 m 10 m 1 km 10 km Range







#### **PILOT PHOTOS**



Position A (DN50)

Position B (DN40)

Position C (DN40)









On-sight measure ments (planning)





















Final state



## PILOT PHOTOS (2)















"date": "2020-12-31T14:00:00.000Z",

"deltaVolumes": [0, 0, 0.013, 0.069, 0.066, 0.042, 0.036, 0.033, 0.034, 0.034, 0.034, 0.031, 0.063, 0.079, 0.046],

"logDate": "2020-12-30T23:00:12.000Z",

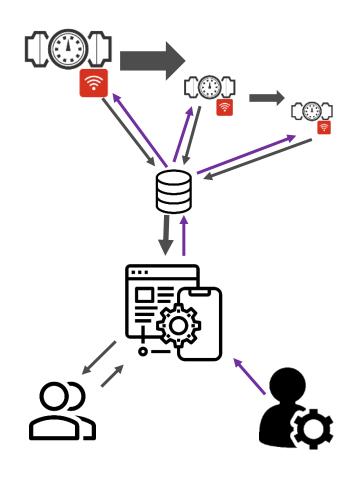
"state": 0,

"stateMessages": [ "OK" ],

"volume": 0.58

# **WALLET - POSITION 1**







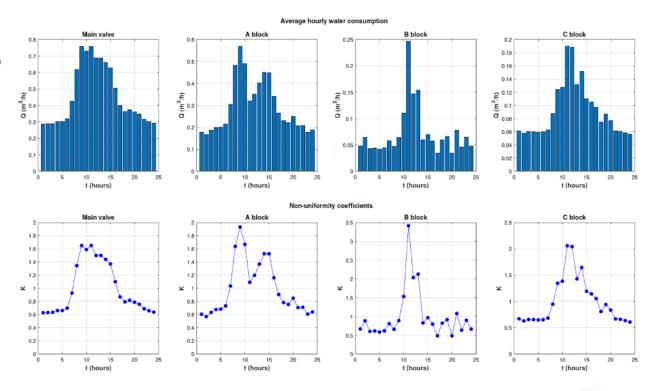


### PROGRESS IN LONG RUN



#### 1. Analyse data by stakeholders:

- students
- researchers



2. App monitoring, possible bug fixes, etc.

