

## Think local – subsidiarity, resilience & scalability

Sense and act locally (subsidiarity), don't run to the cloud if not necessary

- in-network data aggregation
- local information collection and dissemination
- Scenario: environmental data heatmaps
  - parking spot availability
  - road conditions (icy road stretches)
  - road blocks (accident, traffic volume)
  - noise and air quality
- → Stepping stone for hierarchical aggregation (block, city, country)

## Iothon2019 demo: In-Network Computing (using information-centric mechanics over 5G)

- Condensing information from sensors, using in-network computations
- NFN -- Named function networking
  - a) state the result you want
  - b) network returns the desired information (instead of raw data)



