



# Czech Republic

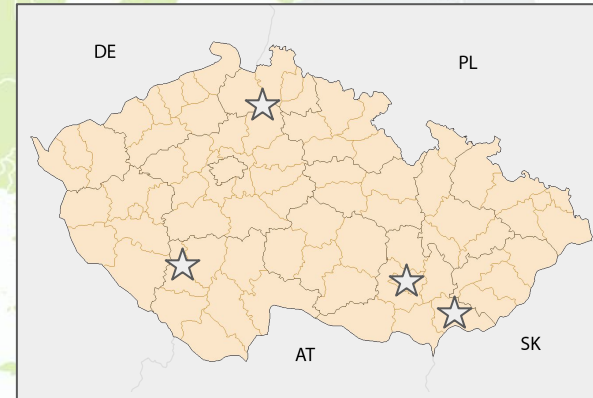


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# 4 cities - 4 case studies



- Uherské Hradiště
- Litoměřice
- Písek
- Brno – Nový Lískovec



# Uherské Hradiště

- SMARTNET project
- Traffic sensors
  - Traffic impact on city
- Big data for urban planning



Traffic measurement unit

# Litoměřice

- Energy management project
  - Energy efficiency of current buildings
  - PV installations
  - Savings fund
  - Geothermal energy
- Civic participation



PV power station on a school



# Písek

- Wastewater sludge energy utilization
- Smart innovations for water mains and sewage
  - Smart traffic & parking
- Civic engagement



# Brno - Nový Lískovec

- Smart reconstruction of 850 apartment units
  - -65 % energy consumption
- Weekly online energy assessment
- Smaller-scale green projects



Reconstructed concrete prefab apartment buildings in Nový Lískovec



## Most cited motivating factors for “Smart & Green”

- Leading and sharing positive change
- Energy self-sufficiency
- Healthier mobility and living
- Measurable positive impact on the environment

# Most cited challenges



- Communication with stakeholders and personnel
- Lack of stakeholder trust - fear of the unknown
- Unprepared legislative environment
- Lack of designers' knowledge or willingness
- Forgetting humans in “smart”





Thank you for your attention

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