

# Open Data in Smart Cities

## Data can change cities and their economies



Increasing City Efficiency



Improving City Planning and Reaction to Risks



Involving and better Connecting the Citizens



Creating Innovation Ecosystems

## Data Ecosystem



Suppliers: Data Creation



Aggregators: Data Aggregation



Developers: Data Analysis/Products and Services

## Building a City Ecosystem based on Open Data



Data Governance : Strategy, Open Data Policy, Overcoming Barriers



Sustainability: Data Consistency, Existence of APIs



Security and Privacy



Share Data: Collaboration and Co-Creation



New Services on top of Data: Innovation, New Business Endeavours

## Where Technology Comes In



Data Hubs: Gather all Installed Sensor Data, Bring Data Ecosystem Together



APIs: Share Data Services, Boost the development of new Services, Applications and Products



Marketplace: Expose Data Services