“International IoT Platforms for Smart Cities Initiatives”

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EUROCITIES? The network of major European cities
- Political network
- Representation in Brussels
- Technical meetings (3/year)
- Projects and initiatives

...working with principles and objectives
EUROCITIES?

- Statements & positions on smart cities, open data & data economy, cybersecurity, standardisation
- Green Digital Charter
- CITYkeys
- Sharing cities
- MoU on urban platforms
- Synchronicity & OASC
- CEN/CENELEC/ETSI
Principles and objectives

- Objectives first
  - *Problem-solving* not *technology-adopting* approach

- Open
- Transition/legacy sensitive
- Privacy by design
- Security by design
The example of CITYkeys

Cities
- Rotterdam
- Tampere
- Vienna
- Zagreb
- Zaragoza

Build environment, traffic etc.

Automatic reading of datasets e.g. via REST APIs (WFS) etc.

CITYkeys KPI Tool
- KPI input form
- KPI visualizing engine

CITYkeys automatic data reading
- Read open datasets and calculate KPIs
- Save KPIs to CITYkeys backend
- Only demo implementation

CITYkeys APIs
- query KPI value
- insert KPI value
- delete KPI value
- GET "Framework"
- GET dataset-definitions
- GET projects, etc.

CITYkeys backend
- Frameworks (e.g. CITYkeys)
- CITYkeys projects
- CITYkeys datasets
- CITYkeys KPI values

CITYkeys performance measurement system

Possible to query, insert and delete CITYkeys KPI values via third party software

Collect data manually

Indicators added and visualized by user

Visualize KPIs

Visualized KPIs

Synchronicity workshop
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Thank you!

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