Action Cluster Citizen Focus Initiative II. Citizen Centric Approach to data
Moderators

• Antonio Kung, CTO Trialog
  – innovation ecosystems
  – Interoperability, security, privacy, tools, applications
  – Rapporteur ISO (ISO SC27/WG5)
    • Privacy engineering framework
    • Privacy in smart cities

• Chris Cooper, Knownnow
Ambition
Integrate Privacy in Smart Cities

Urban Platforms
Challenges on data sharing, engagement, security, privacy

Sustainable Urban mobility
seamless multi-modal mobility, open platforms and data ensuring geolocalisation privacy

Sustainable Districts
knowledge-exchange for holistic solutions integrating privacy

Business Model
Understanding citizens’ needs on privacy

Integrated Planning
Address regional authorities for considering citizens’ involvement including on privacy
Problems and Challenges

• Privacy is a complex Societal Issue
• ... which we must integrate in a complex ecosystem
  – Public / Private
  – Many domains
  – Integration of all ICT
    • IoT
    • Big data
Roles and duties (Privacy Viewpoint)

Municipality stakeholder

Data Controller

Data processor

Request Service

Privacy Legal Obligations

Privacy Impact assessment /privacy-by-design

Purpose known

Privacy Impact assessment /privacy-by-design

Domain known

Integrator

Supplier

Procurement contract

Interact with

Comply with

Citizen

Purpose info

Consent

Trust

Empowerment

Is informed

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Role of Supplier

Smart City Application

Application layer
Smart city platform
Connectivity

Subsystem
Sensor
Smart device
Information system
What we are Looking for

- Awareness on issues
- Preliminary understanding
  - Stakeholders and data flow model
- Recommendations or Guidelines
  - Privacy impact assessment needs
  - Privacy impact assessment guidelines and templates
  - Privacy-by-design recommendations (e.g. anonymisation techniques)
- Roadmap
- Create a virtuous cycle!
Tools needed?

• Interacting with SCC initiatives
  – Provide training workshops for awareness
  – Dedicated use case workshops on use cases
Thank you

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