



# How to protect citizen while engaging citizens?

Antonio Kung





# Initiative

- Citizen Centric Approach to Data –Privacy-by-design
  - Snowden revelations
  - Something must be done to protect a citizen's right to privacy

- Initiative leaders

- Antonio Kung



- Chris Cooper





# GDPR: General Data Protection Regulation

**Published on May 4th 2016**








**Enter into force on May 24th 2016**

**Apply on May 25th 2018**

- Privacy-by-design (PbD) and by-default
- Privacy Impact Assessment (PIA)
- Data Protection Officers
  - All public authorities and companies processing personal data on a large scale
- Sanctions for breaches
  - up to 20,000,000 EUR
  - up to 4% of the annual worldwide turnover



# Several Types of Concerns

Stakeholder		Legal Compliance Level	Management Level	System Lifecycle Level
Demand side    ↓   Supply side	Policy maker 	<b>e.g. Compliance Check</b>		
	<b>Operator</b> Data Controller 	Regulation	Privacy Impact Assessment	Privacy-by-Design
	<b>Operator</b> Data processor 			
	<b>Supplier</b> 	<b>e.g. Operators Requirements</b>		



# Initiative Action

- **Timeline**

- 2016 : Webinars and workshops

- 2017 : Guidelines

- Integrating privacy management
- Practicing PbD, PIA
- Integrating solutions

- **Starting point**

- **PRIPARE handbook**



- **IPEN community**



- **Existing tools for citizen empowerment**

- e.g. Consentua from Knownow



## Breakout session

- Debate with representatives
  - Cities
  - Projects
  - Suppliers
- Topics of debate
  - compliance assurance
  - supervision and incident management
  - interactions with citizen
  - privacy management integration plans
  - PbD and PIA practice
  - How can EIP-SCC help



How to protect citizen while  
engaging citizens?

Break-out session



# Cities

## Chain of operators

Data collecting



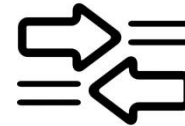
Data storage



Data transformation



Data exchange



Data analytics



GDPR

PIA

PbD

GDPR

PIA

PbD

GDPR

PIA

PbD

GDPR

PIA

PbD

GDPR

PIA

PbD





# Operators

GDPR  
PIA  
PbD

Product operator

Product

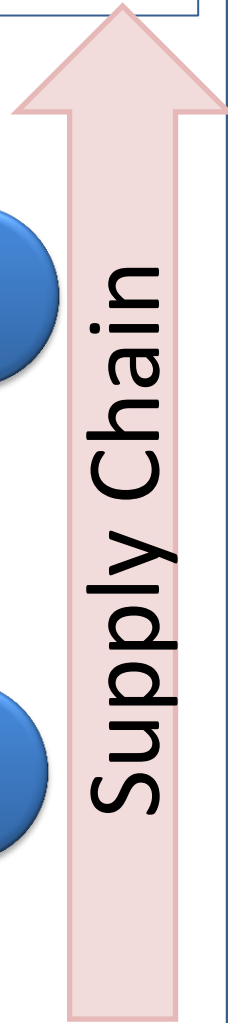
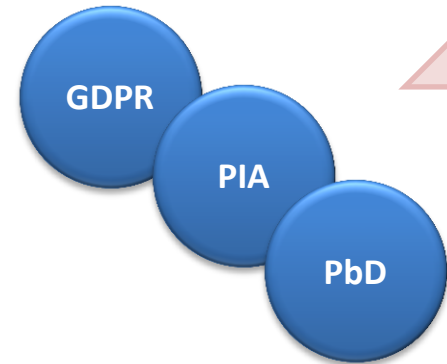
Product supplier




# Supplier



**Smart City Application operator**



**Sensor**




**Device**



**Smart device**



**Cloud solution**



**Electronics**



**Security module**



**OS**



**Middleware**





# Check list of concerns

- Cities
  - Compliance of supply side?
  - Supervision and incident management?
  - Public relations management?
- Operators
  - GDPR?
  - PIA?
  - PbD?
- Suppliers



## Possible help

- Cities
  - approaches/guidelines/recommendations?
    - for compliance assurance
    - for supervision and incident management
    - for interactions with citizen
  - privacy management integration plans?
- Operators, Suppliers
  - PIA
  - PbD