How to protect citizen while engaging citizens?

Antonio Kung

TRIALOG
EIP-SCC Citizen Focus

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

<table>
<thead>
<tr>
<th>Stakeholder</th>
<th>Legal Compliance Level</th>
<th>Management Level</th>
<th>System Lifecycle Level</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Demand side</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Policy maker</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e.g. Compliance Check</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operator</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Data Controller</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Operator</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Data processor</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Supplier</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e.g. Operators' Needs</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Supply side**

- **Policy maker**
- **Data controller**
- **Data processor**
- **Supplier**

- **Legal Compliance Level**
- **Management Level**
- **System Lifecycle Level**

- **GDPR**
- **PIA**
- **PbD**
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

GDPR

PIA

PbD

GDPR

PIA

PbD

GDPR
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

Supply Chain

GDPR
PIA
PbD

GDPR?
PIA?
PbD?
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