The Road to Smart Cities...

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Let’s stop the debate, conferences, publications on what exactly a Smart City is... let’s get on the road to find out

Key elements:
- Identifying meaningful use cases, starting from end-user perspective
- Financial justification, business models, collaborative value creation
- Adoption and trust by all stakeholders
- A structural platform approach
- Exploring unique opportunities for Europe
Identifying meaningful Use Cases...

❖ Is NOT a technical issue
❖ Will NOT take place in the laboratory or behind a desk
❖ Will require experimentation in the cities (Synchronicity)
❖ Will require involvement of ALL end-to-end stakeholders in the early phase
❖ Will require inclusion of ALL aspects, functional and non-functional, rational and emotional

A key role for OASC
Financial Justification, Business Cases, collaborative value creation

- Will require strong belief in future value, creating a virtuous circle
- Will require Platform Thinking, stand-alone use cases are likely to fail
- Will require appropriate financial modelling
  - multi-year budgeting (commitment) with governments
  - ‘open book’ cooperation between stakeholders
- Will require high level commitments between partners (C-level)
- Will require entrepreneurship beyond traditional business models

- EC/member states to stimulate investigation of such models, apply conditional funding with earn back right...
Adoption and Trust by all Stakeholders

- Security, Privacy, Dependability - ‘you ain’t seen nothing yet…’
- Involvement of citizens (even without real contribution)
- Communication, communication, communication (with ACK)
- Some feedback may have nothing to do with ‘Smart City’, but can equally block progress
- Trust is perception
- Education! Key role for institutions/academia
- Non technical aspects – relevant socio-economic research required
- Leadership
A structural platform approach

- Technical – top down and bottom up with strong orchestration
- Strong link with non-functional aspects dependability, security, energy consumption...
  - All in the cloud? Fog? Edge?
  - All end nodes to create their own power?
- Economic value of a platform
- Which control points for which players
- Bringing together SME and Large Enterprises
- Citizens as innovators on the platform
Exploring unique opportunities for Europe

- Eco-systems outside Europe are mainly following a technocratic approach
  - Rapid technical advancements
  - Building powerful platforms, conquering the world
  - But undervaluing the importance of diversified consumer interest (cultural)

- Any (inevitable) security breach with serious impact will trigger
  - Consumers claiming ownership rights and pushing back
  - Subsequent socio-economic turmoil
  - Loss of trust with stakeholders

- Can we proactively build human centric Smart Cities in Europe?
  - Serving multi cultural aspects
  - Serving cities and citizens and their legacies
  - With co-ownership by all stakeholders
Make a difference today in the Egg... what is it gonna be?

or

or

or

or

Have a great conference