SMART CITIES
Towards a French strategy

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INTRODUCTION

A French vision of smart cities:
• Which articulates smart and sustainable issues
• Which puts the user/consumer at the core of the project
• Which is relevant to the local context
THE FRENCH CONTEXT

• **At the local level:**
  – Many projects, however:
    • Different levels of maturities
    • A gap between large cities and small cities
  – A strong political support

• **At the national level:**
  – Strong impulse given by the national government, but
    • Lack of coordination within public bodies and within public programmes
    • No communication between urban and digital stakeholders
  – Awareness of economic opportunities both at the national and international levels
PARIS VILLE INTELLIGENTE, C'EST L'INTELLIGENCE DE SES HABITANTS

LA PAROLE AUX PARISIENS

500 millions € au budget participatif
5 115 idées sur idee.paris
3 500 signalements par mois sur Dansmarue
1/Mois Anne Hidalgo dialogue avec les Parisiens

D'ici à 2020, 100 000 m² supplémentaires de lieux d'innovation où s'invente la ville de demain

PLAN STRATÉGIQUE PARIS VILLE INTÉLLIGENTE ET DURABLE
RECOMMENDATIONS

Four lines of actions:

1. Accelerate the deployement of innovations
2. Better articulate urban and digital policies
3. Governing with data
4. Promote the French know-how on smart cities abroad
1. Accelerate the deployement of innovations

Major issues: replicability, scaling up pilot projects

- Promote new forms of public procurements and put more emphasis on the criteria of replicability in national calls for proposals.
- Support innovative projects: regulatory support, exemptions, evolution of the administrative and regulatory frameworks.
- Dissemination of projects assessments: quantitative and qualitative.
- Facilitate the creation of networks to exchange information and experiences, both at national and local levels.
2. Better articulate urban and digital policies

*Major issues:* to allow for a more agile city, to meet the evolutions of user needs and lifestyles

- Build a share vision of smart cities based on cross fertilization between urban dynamics and digitalization
- Enable new practices for urban planners:
  - Use of digital tools facilitating visualisation, simulation, predictive approaches to ensure more integrated approaches in urban projects and help decision making.
  - When it comes to urban projects, switch from programming of infrastructure and equipments to more service-based solutions.
  - Co-construction of urban projects with all parties concerned (inhabitants, economic actors, professionals..)
3. Governing with data

*Major issue: Support transition towards new management and governance schemes*

- From optimizing urban infrastructure to the collaborative city
- Access to data
  - Open data and « hackatons » to stimulate their appropriation by different type of users
  - Reenforce the legal framework at the national level
    - Obligation to pen data related to energy, transport,
    - Protection of personal data
- Capacity building
  - Pooling resources and expertise for small cities
  - Joint specifications for daa platforms based on common needs
  - Access to new kind of expertise: chief data officer
4. Promote the French know-how on smart cities abroad

**Major issues: export, competitiveness of French industry**

- Promotion of French expertise both public and private at the international level
  
  *VIVAPOLIS: a collective brand that federates and promotes abroad the French players in the field of sustainable cities*

- Participation to standardization bodies both at the international (ISO) and European levels

- Strengthen the participation of French players in European initiatives and programmes
  
  - Horizon 2020, European Partnership on smart cities and communities
  - French mirror group on sustainable and smart cities
CONCLUSION

• Recommendations to inspire the new government
• Keeping in mind that:

« The challenge is to urbanize technologies rather than using technologies which des-urbanize the city »

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Thank you for your attention

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