

# SMART CITIES

## Towards a French strategy

*Anne Charreyron Perchet*



# 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



# PARIS VILLE INTELLIGENTE, C'EST L'INTELLIGENCE DE SES HABITANTS

## LA PAROLE AUX PARISIENS



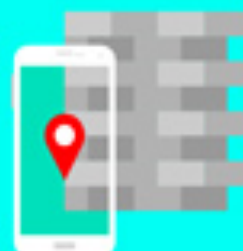
**500 millions €**

au budget participatif



**5 115**

idées sur [idee.paris](http://idee.paris)



**3 500**

signalements par mois  
sur Dansmarue



**1/Mois**

Anne Hidalgo dialogue  
avec les Parisiens

**D'ici à 2020, 100 000 m<sup>2</sup> supplémentaires de lieux d'innovation  
où s'invente la ville de demain**

PLAN STRATÉGIQUE PARIS VILLE INTELLIGENTE ET DURABLE

# 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

# RECOMMENDATIONS

*Four lines of actions:*

- 1. Accelerate the deployment 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 deployment 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 servic- 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 open data related to energy, transport,
    - Protection of personal data
  - Capacity building
    - Pooling resources and expertise for small cities
    - Joint specifications for data 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 »*

Saskia Sassen

**Thank you for your attention**

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