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« Smart City » public policies :
rethinking local governance
to maximise public value creation



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❑ Development of « Smart City » or « Smart Territory » projects by French local authorities :

- Around **200** in 2021 (Data Publica & KPMG 2021, p.17)
- Increase to be expected with the upcoming results of the second wave of the **call for projects « Territoires Intelligents et Durables »**
- A matter of concern for French authorities : Belot (2017), Oural & al. (2018)
- A growing **interest of French management academics**

❑ Emergence of a research stream over the last 10 years proposing to address **Smart Cities from the point of view of public value theory** :

- Rodríguez Bolívar (2019) : the challenge is « *to [know] **the conditions and drivers needed** for achieving success in improving public value through ICT implementations* »
- Grossi & al. (2020) : « *Our current academic understanding of the management and governance of smart cities falls short (...) **there is a need for a research-based understanding of the management and governance of smart cities.*** »

Context

Research
Question

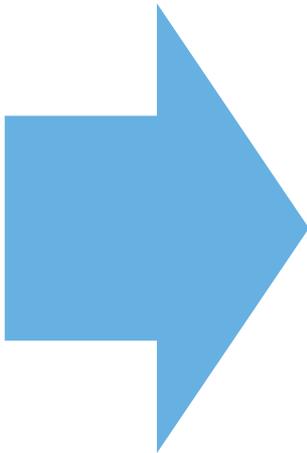
Theoretical
Framework

Methodology

Results

Discussion &
Conclusion

- ❑ In the conceptual linking between **Smart City** and **public value**, the question of **governance** appears as a fundamental one



Research Question :

To what extent the creation of public value by “Smart City” and “Smart Territory” policies is influenced by their governance modes ?

- ❑ 4 streams of the academic literature dealing with **Smart City**, **public value** and **governance**

Smart Urban Governance & Governance of Smart Cities

Meijer and Bolivar (2016),
Przebylovicz and Cunha (2021),
(Frucquet and al. 2021)

Performance management in the public sector

Bouckaert and Halligan (2008),
Guenoun (2009), Favoreu and al.
(2015), Carassus (2020)

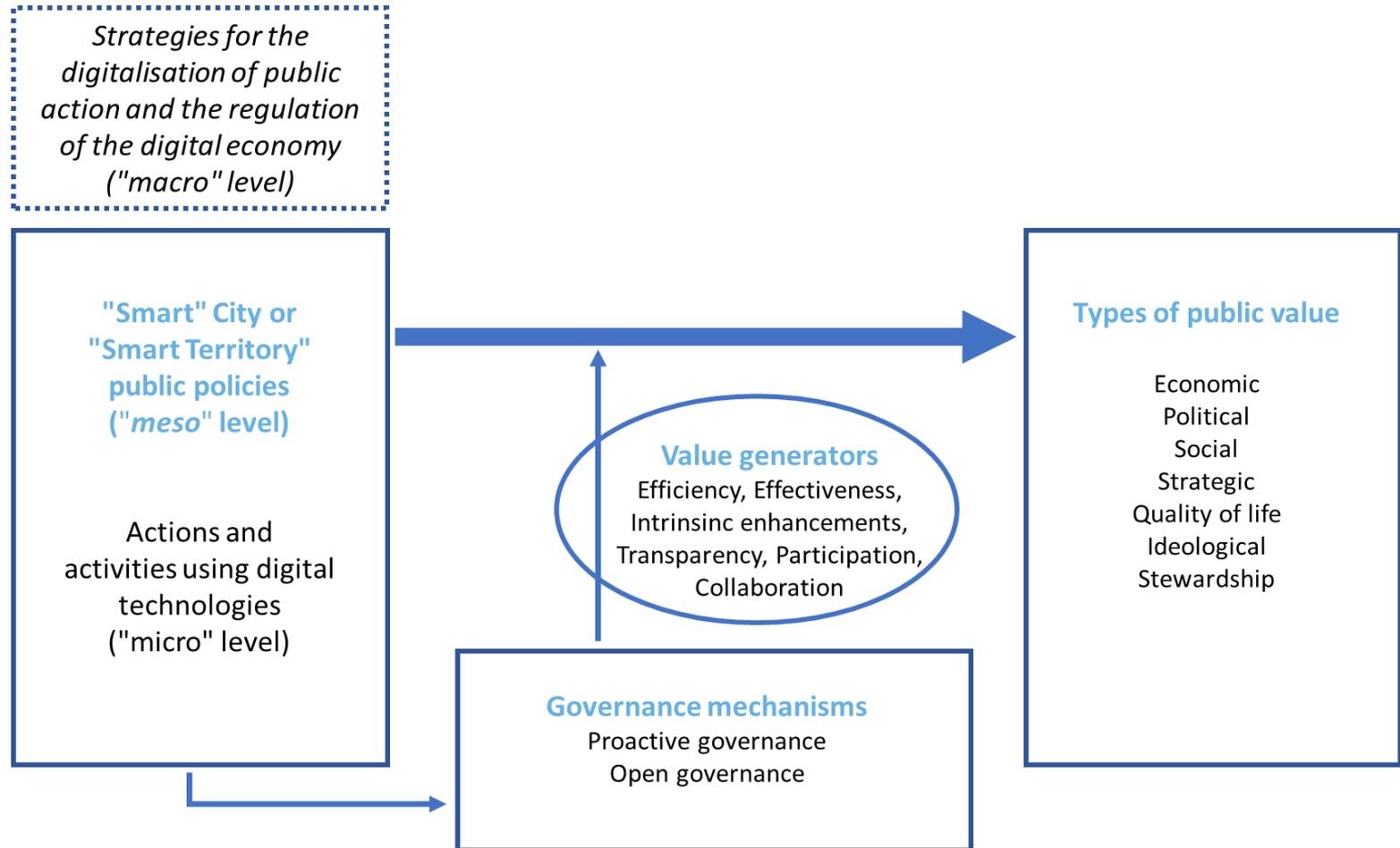
Business Models for Smart Cities

Walravens (2015), Díaz-Díaz and al.
(2017), Schiavone and al. (2019),
Timeus (2020)

Public value

Moore (1995), Cresswell and al.
(2006), Bannister et Connolly (2014),
Harrison and al (2012)

□ Proposal of a **research model** :



- ❑ A **longitudinal exploratory qualitative** study over the period 2021-2023 with a selection of **2 case studies** among French local authorities engaged in « Smart City » or « Smart Territory » policies
- ❑ More than **30 semi-structured interviews** that were **fully recorded** and then transcribed in **verbatim**s which were manually coded, using **thematic coding**.

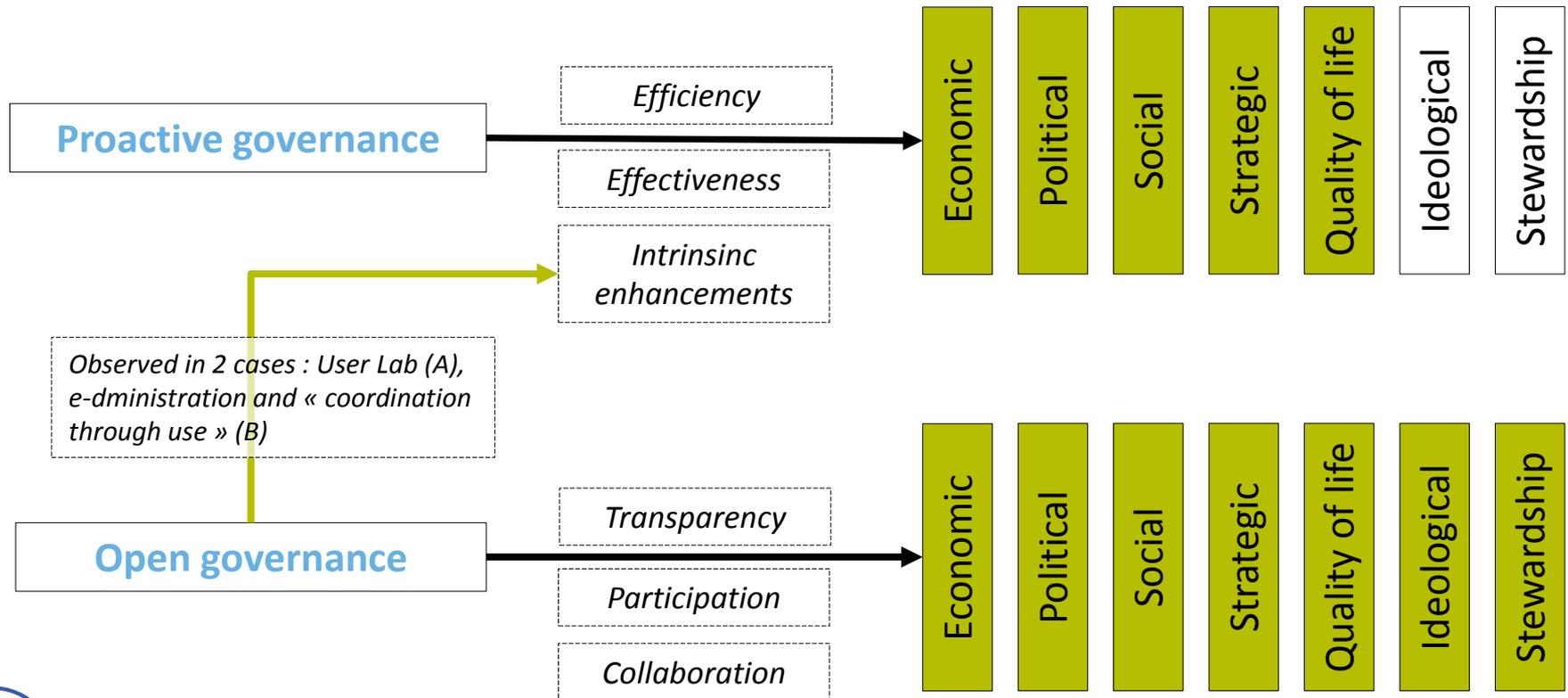
Case A

- 150 000 inhabitants (main city)
- 300 000 inhabitants (EPCI)
- Project by the main city and the EPCI
- 2018-2032
- 20 semi-structured interviews

Case B

- 110 000 inhabitants (main city)
- 275 000 inhabitants (EPCI)
- Project only led by the main city
- 2014-2026
- 10 semi-structured interviews

□ **Result n°1 : Open governance offers greater potential for creating public value than proactive governance**



- ❑ **Result n°2** : There is a **phasing** between **proactive governance** and **open governance**, with consequences on the types of public value created

Technological prerequisites

Organizational and
Cultural changes

Institutional conditions

Strain on **ressources**

- ❑ An **empirical contribution** to the understanding of the role of local governance in the public value chain of « Smart » city policies :
 - In accordance with **Przebylovicz and Cunha (2021)** regarding the **managerial actions** to be carried out to conduct such policies
 - In accordance with **Chafield and al. (2019)** about **the technological and non-technological favorable and unfavorable factors** for the co-creation of public value in the context of Smart Cities

- ❑ A **managerial contribution** by allowing policymakers and managers to better understand the chain of public value creation of « Smart City » policies by :
 - Designing these projects as **public policies in their own right** and not as technological ones
 - Questioning the **objectives** of public creation in order to identify the **resources** to be mobilized, the **partners** to work with, and the **KPI**
 - Thinking out **open governance**, implementing it and providing it with appropriate resources, **from the very beginning of the projects**

- ❑ Our research presents **3 main limitations** which constitute **an invitation for further research**

Improve **in depth knowledge of the two cases** to increase the quality of the comparison between them

Identify **any correlations between the nature of actions and activities** making up the « Smart City » policies and the **types of public value**

Analyse the point of view of the **stakeholders**, thus following the original model by Harrison and al. (2012)

Further research to be conducted in 2023 with the will to **enlarge the actions and activities studied**

Interviews to be realized in 2023 with **stakeholders** and **inhabitants**



Thank you for your attention

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