



URBANITE

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Data-driven and Evidence-based Decision making in the urban transformation field using disruptive technologies and a participatory approach.

A diversity of sensing devices densely spread over the infrastructure, vehicles or the travelers' devices act as sources of data flow that eventually fed mobility managers and modelling scientists, etc., to deploy more reliable decision support tools. This opportunity also brings with it specific challenges around ethics, confidence and trust in the whole process and the harmonization of practices. Supporting policy-making is essential to overcome these barriers.





The PATHWAY TO A DATA-DRIVEN DECISION MAKING

The pathway to data-driven decision making in urban transformation using disruptive technologies covers several stages, each of them with its own challenges that need to be faced in order to be successful in the final goal of making appropriate decisions that will lead to a sustainable urban mobility plan.



- Challenges (in yellow)
- Recommendations (in green) to mitigate the risks.



The PATHWAY to a DATA-DRIVEN DECISION MAKING

Mapping of Policy Layers on the stages of a data-based decision-making process.



Analysis of policy suggestions, including information (actor, impact, samples and supporting documents, templates or practices) eases policymakers in identifying the best to adopt the policy suggestions in their specific situation for each of the stages of a data-based decision-making process.

			Policy and/or supporting documentation or process	URBANITE Referencias	Referencias
	Use and Analysis	Policies to enable public, private, or other third parties to access shared data and to ensure the ethical use of data to protect public interests			
-	Data Access	Iterative policy development	Une care infection methodology UBBANITE adopts an iterative approach, readicating three steps: use care definition, implementation/displayment and evaluation.	 Specific use cases for Bibac/Heldisk/Ansterdam/Mesine pilots have been designed for described in deliveration (6.1). The Laparene Ministry of Economy, Track, and Industry published contract guidelines on the utilization of data and AL, addressing legal and practical aspects of an provision, creation and having to promote effective data suitation. 	data provision, creation and sharing to promote effective data utilization.
		Data license templates	The term license refers to the legal conditions under which the work is made available. This list of the licenses conformant with the principles.	 The Infocorm Media Development Authority in Singapore also provides a data during agreement template to facilitate data sharing between parties. Contracts for Data Collaboration has created a framework that outlines the key elements needed in a data sharing agreement, based on the analysis of 340546. 	 The Infocomm Media Development Authority in Singapore also provides a dat haring agreement template to facilitate data sharing between parties. Contracts for Data Collaboration has created a framework that outlines the k elements needed in a data sharing agreement, based on the analysis of 30 SDAs.
		Fiexible data sharing models	Templates for data sharing (personal, non-personal data)	ensure a fair and competitive ecosystem and boost volume	In the Lyon Smart Data platform, three types of data access licenses were used ensure a fair and competitive ecosystem and boost volume of data shared. Licenses ranged from open to restricted to authenticated licens (see case study on typo in Appendix D).
	Ethical Use and Processing of Data	Independent enforcement bodies	Identification of ethical committees and procedures for the ethics management (included on D8.X)	information rights in the public interest. Each year tens of thousands of concerns and complaints are handled.d • The Centre for Data Ethics and Innovation (CDEI) is an independent advisory body set up by the UK	information rights in the public interest. Each year tens of thousands of concern and complaints are handled.d • The Centre for Data Ethics and Innovation (CDEI) is an independent advisory body set up by the UK
		Policies addressing the equitable and ethical use of data	Data ethics Canvas. Analysis of ethics-related information for each of the cases and datasources. Templates for data sharing (personal, non-personal data)	The EU Gender Equality Strategy 2020–2025 calls for solutions to potential gender biases in Al to support the	The EU Gender Equality Strategy 2020–2025 calls for solutions to potential gender biases in At to support the
				the EU GDPR requires certain organizations to appoint an independent data protection officer.a An example of such operational-level oversight include Data Review Boardsb and Consumer Sublete Review Boards. Cheve Iwave	The EU GDPR requires certain organizations to appoint an independent data protection officer.a
		Operational level oversight		Lonsourre subject Heeney Boards, c) hees have been identified as emerging mechanisms for organizations to make responsible decisions regarding data use and demonstrate commitment to ethical decision-making.	Consumer subject Nerview Boards. C Intern Have been identified as emerging mechanisms for organizations to make responsible decisions regarding data use and demonstrate commitment to ethical decision-making.

Insights into the PARTICIPATORY PROCESS



More information: D1.6– Policy Brief (Main findings) Version 1, 2023 D2.6-Impact analysis and recommendation. 2023

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