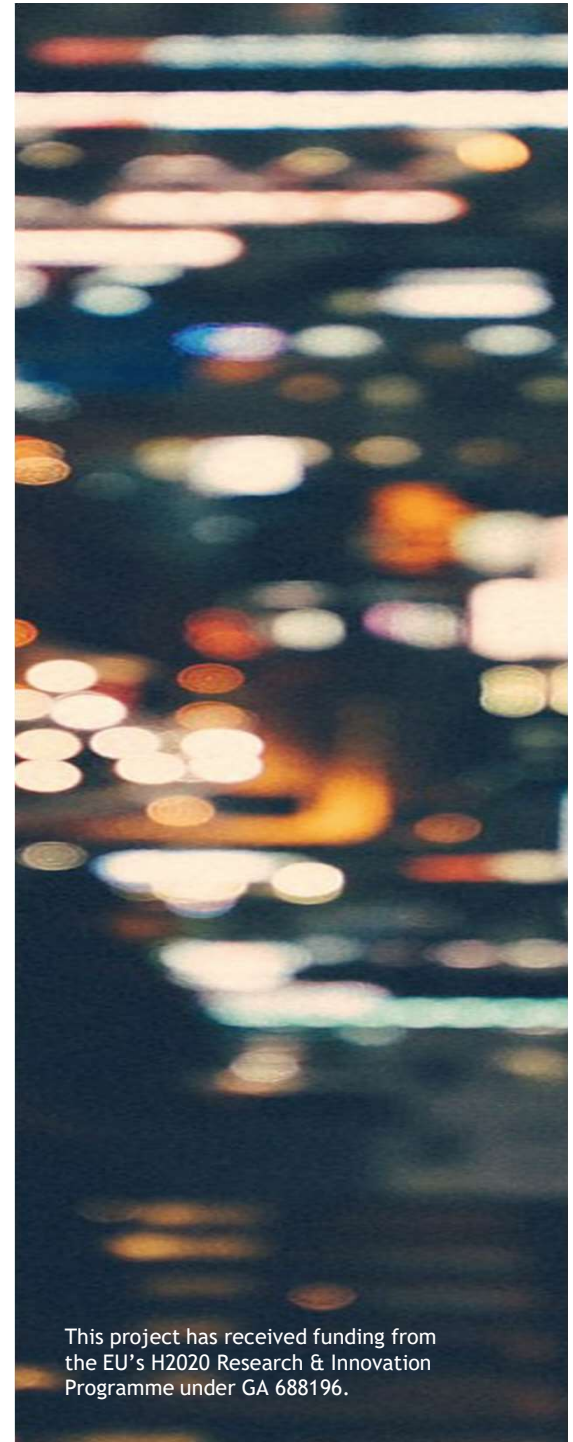


Functional and technical aspects to be considered

Gert De Tant
Lead procurer team
Digipolis



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Programme under GA 688196.





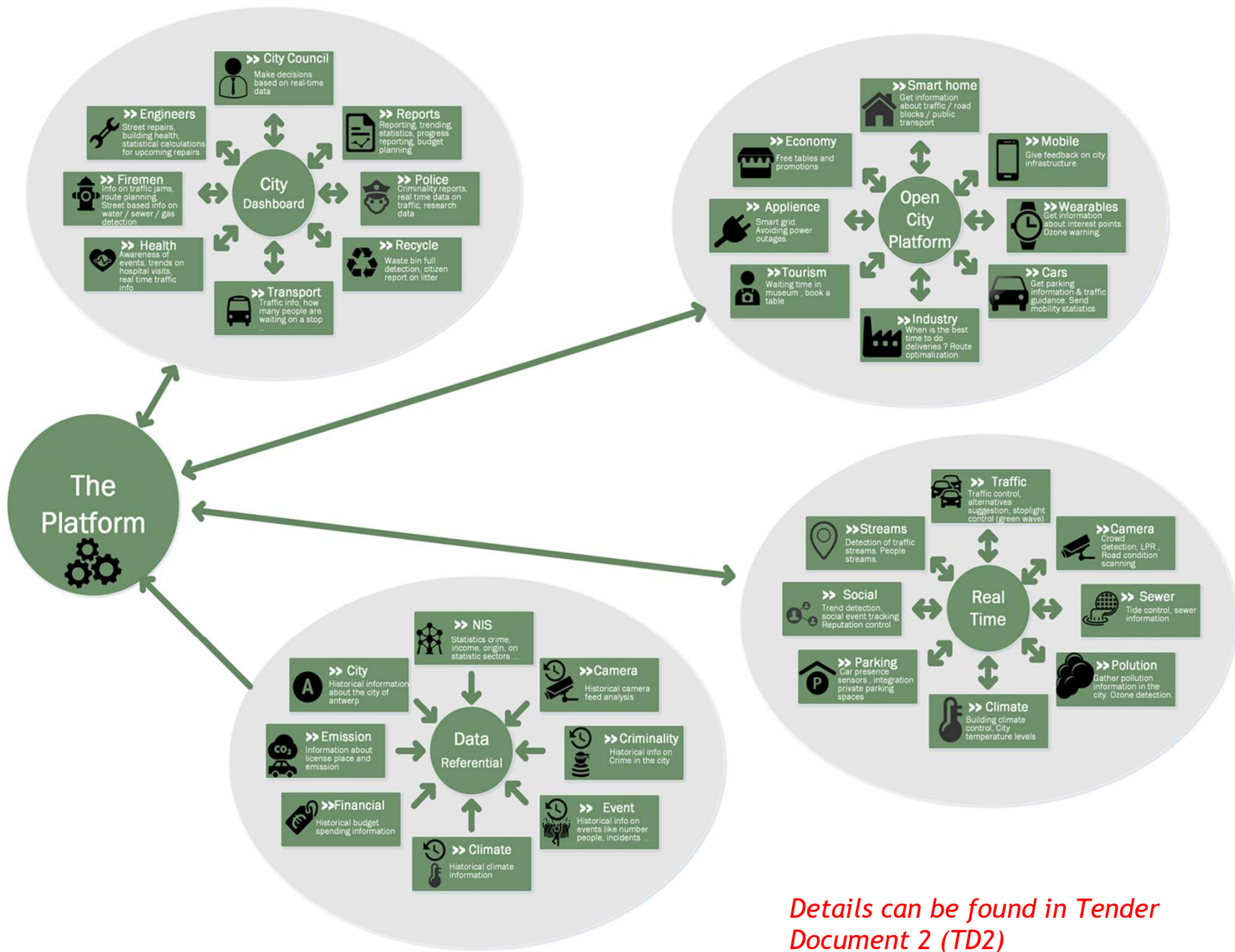
A Common Challenge

The common challenge of the SELECT for Cities PCP is the **design, research and development of “cities as linked and large-scale Internet of Everything (IoE) labs”**.

The challenge lies in developing an **open, standards-based, data-driven, service-oriented and user-centric platform for European cities that enables large-scale co-creation, testing and validation of urban IoE applications and services.**

This approach fosters the longer-term goal of **evidence-based innovation in cities.**





Details can be found in Tender Document 2 (TD2)



The Smart City Platform



Cloud Enabled



User Centric



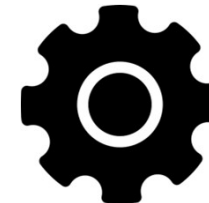
Co-Created



Data-Driven



Pluggable



Service Oriented



Quality Requirements



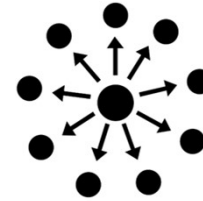
Open Source



Distributed
& Decoupled



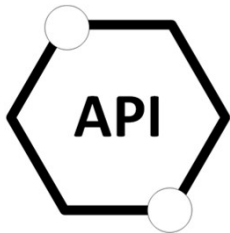
Interoperability



Scalability



Security



Open
Standards



Legacy &
heterogeneous



Robustness



Privacy



Communication Patterns



Discovery
Discover, register and "thrust" new devices on the network



Telemetry
Information Flows From device to another system for conveying status changes in the device



Inquiries
Requests from devices looking to gather required information or asking to initiate activities



Commands
Commands from other systems to a device or a group of devices to perform specific activities



Notifications
Information flows from other systems to a device or a group for conveying status changes in the world



Questions?

