



Comune di
Milano

**MILAN MUNICIPALITY
DIGITAL URBAN
ECOSYSTEM**

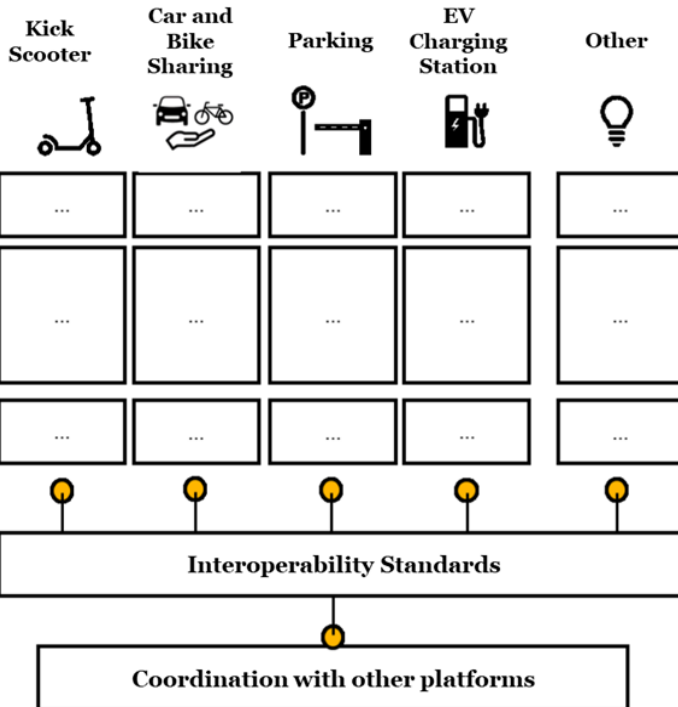
Mercoledì 11 agosto 2021



Milan Urban Digital Ecosystem

The vision

APIs and Urban Digital Ecosystem



GOAL

Promote the publication of services and data as APIs, respecting rules and standards agreed with Milan Municipality and other members

VISION

Enable Smart City development and digital services implementation aiming to valorize enterprise and public initiatives in Milan

RULES

The policy is open to be interoperable with other initiatives already existing, as E015 (Regione Lombardia) and other OASC standards

Milan Urban Digital Ecosystem

The story

Participation to European projects as Sharing Cities and Synchrony Cities

First release of WiFi and video surveillance cameras standards

Urban Digital Ecosystem model first description in a Municipality council resolution

Formal foundation of the Smart City unit in IT Department

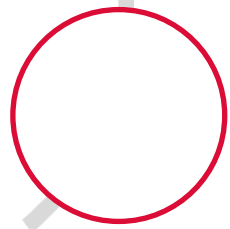
From 2016 Early 2019 End of 2019 January 2020 May 2020 September 2020 December 2020 Future

Creation of Enterprise Architecture unit in Interoperability Direction, IT Department

Informal creation of Smart City unit in IT Department

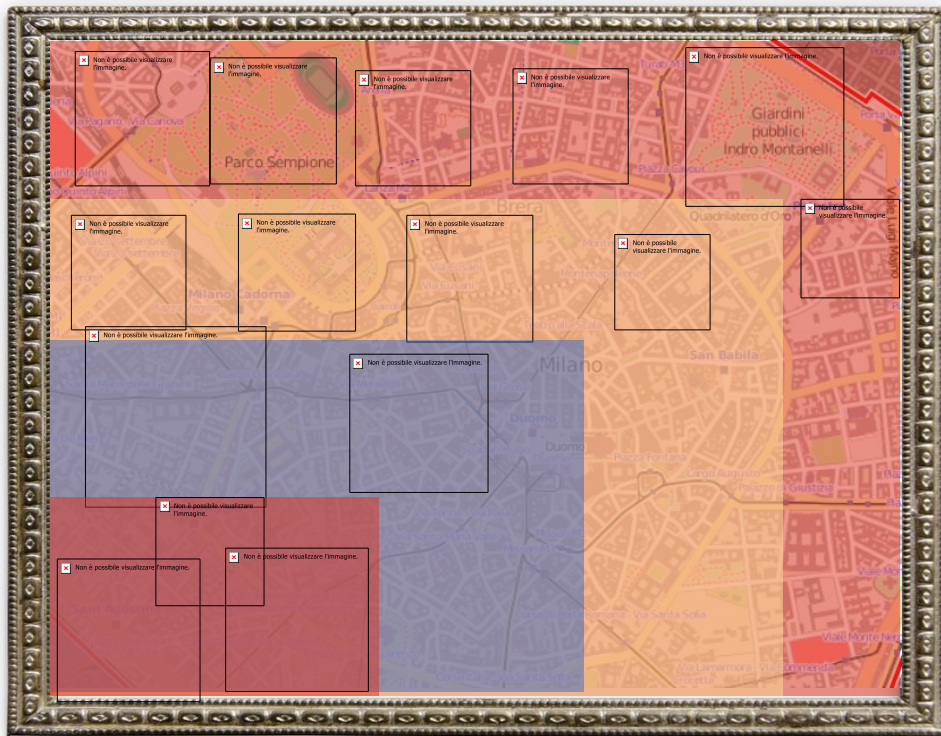
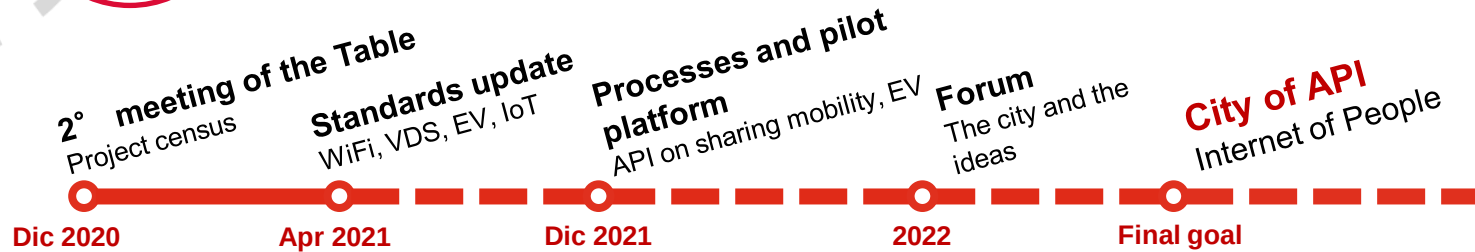
First meeting of cross-directional table in Milan Municipality, aiming to discuss about smart city themes and city needs

Creation of an IT platform to develop the City Ecosystem. The platform will allow the sharing of information by API



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The view



Governo Piattaforma - Government as a Platform

A platform is an open technological architecture, based on the development of both a technological infrastructure and an ecosystem of actors involved in the provision of digital-by-default services.

In this context, the role of the PA is not only to build the platform, but also to "orchestrate" the network of actors and the ecosystem to develop the variety and specialization of the services associated with the platform. (Cordella e Paletti, 2019)

Internet of People

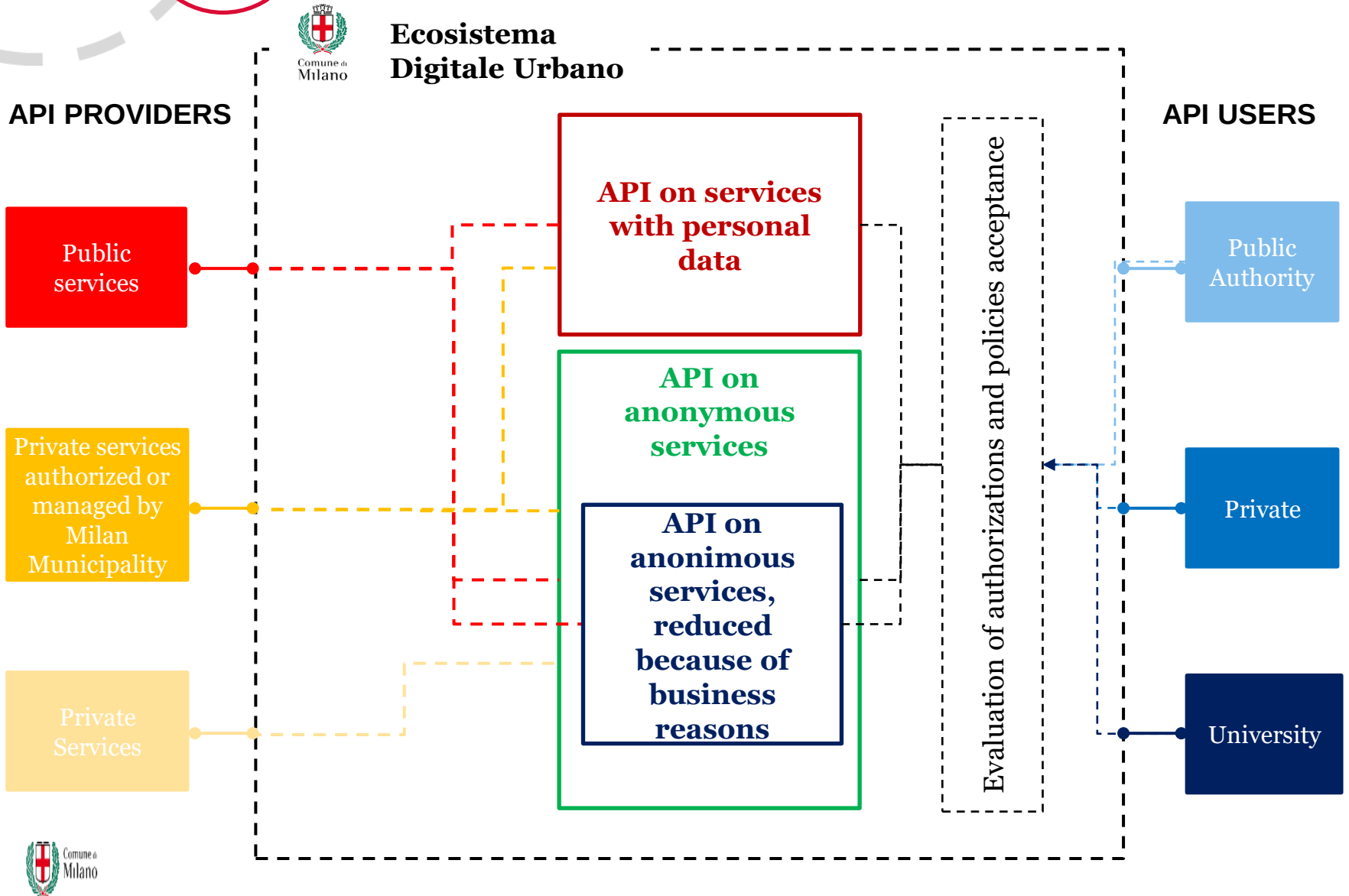
New paradigm for future generation digital services, where people are no longer just mere users of infrastructures, but active subjects, with their behaviors, in the interaction in the production of data and relationships with devices and applications. (Conti e Passarella, CNR, 2017)

Piano Triennale ICT 2020 - 2022

The PAs start the procedures for opening the identified dynamic data they own in accordance with Directive (EU) 2019/1024; stimulate, also in the preparation of tenders, the public service managers controlled by them for the opening of dynamic data (e.g. the mobility data held by the local investee company), and facilitate the documentation of the same in the catalogs national (data, geodata and API) - OB.2.1

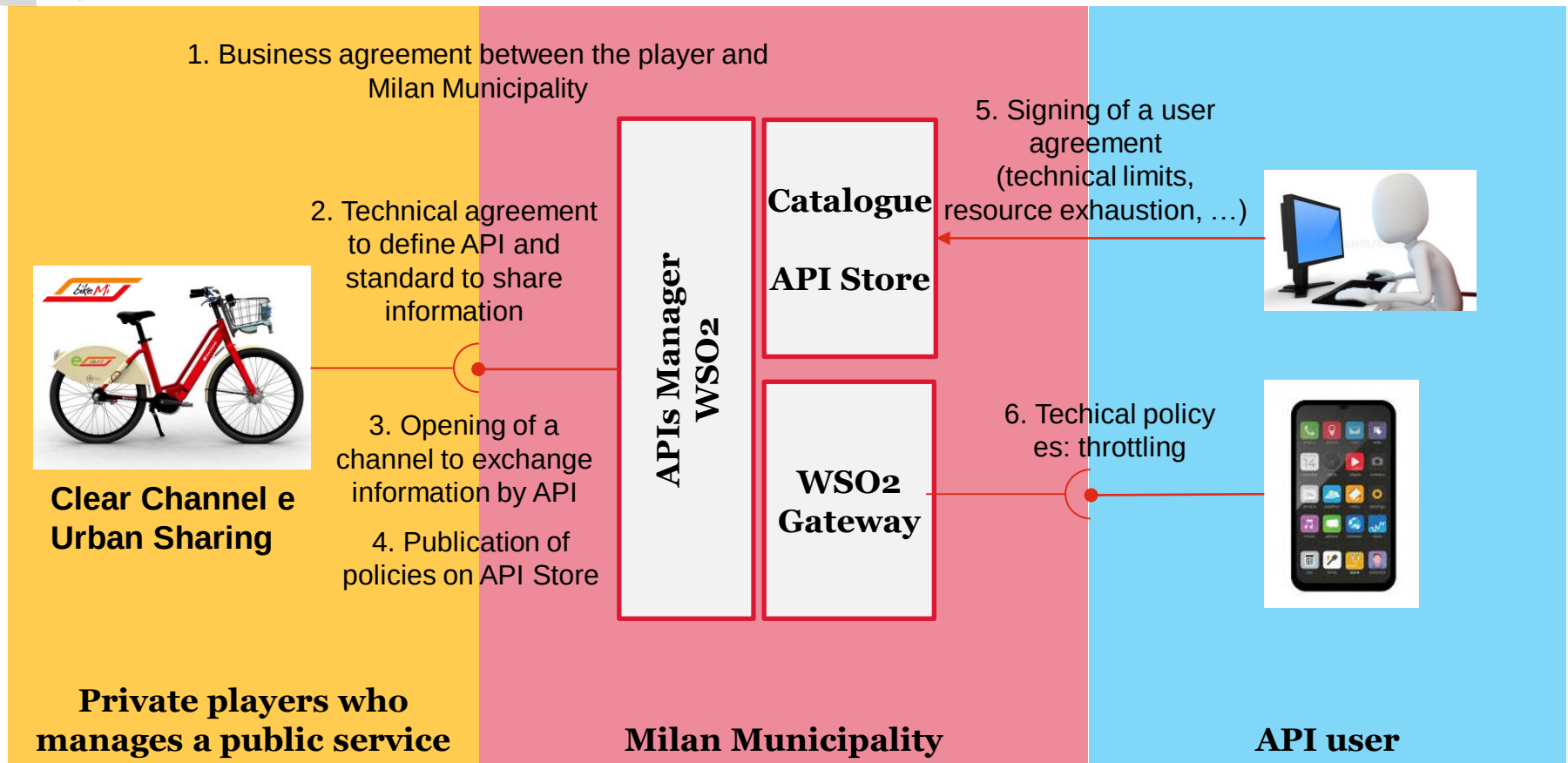
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The model



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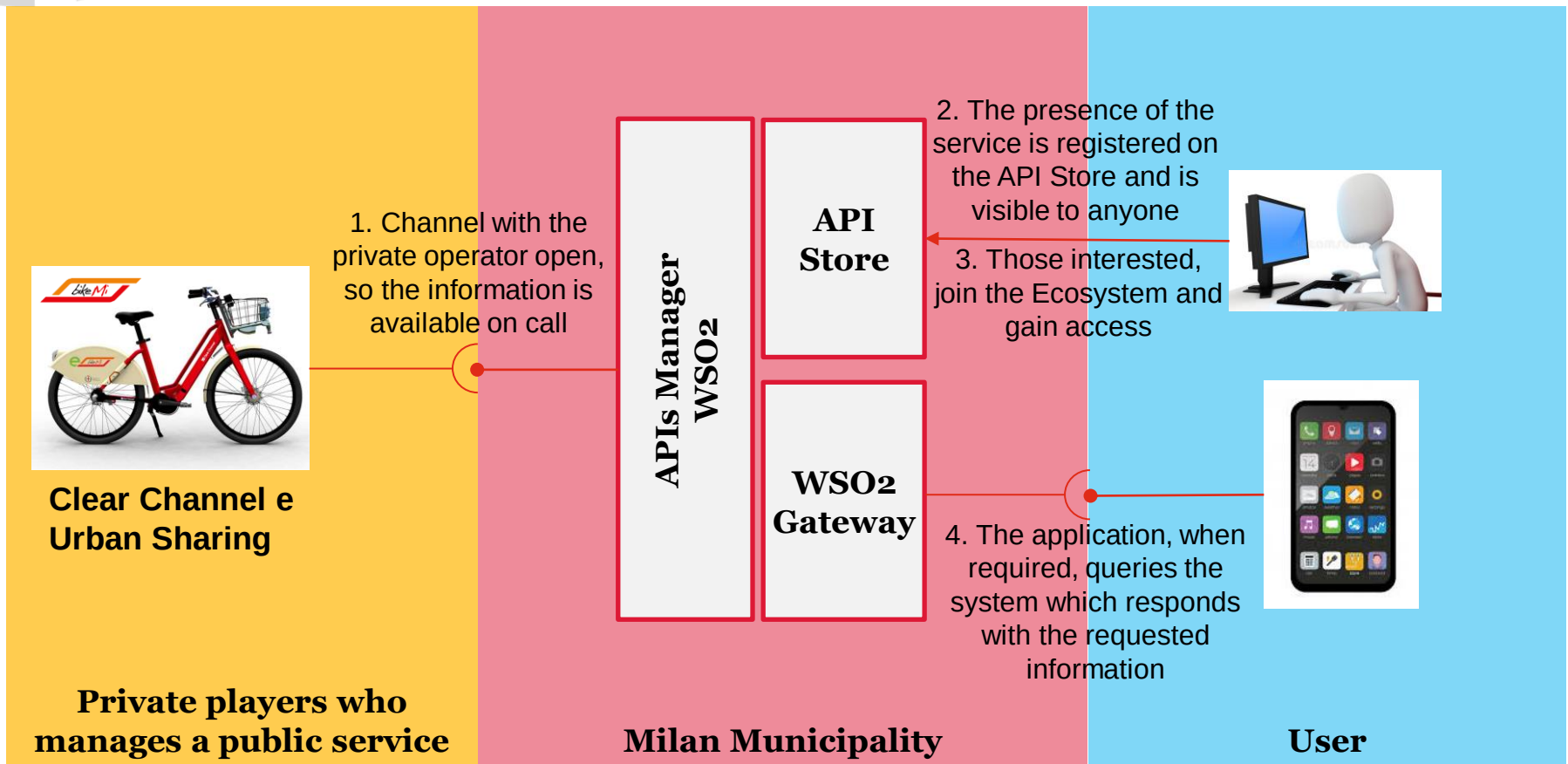
Demo: A subscription example



NOTE The Three-Year IT Plan released by the Government requires PAs to collect information on public services managed by investee companies and private companies and requires publication on the Developers portal

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Demo: a usage example





Direzione Sistemi Informativi e Agenda Digitale

*Thank you
for your attention!*

