

Webinar


Open Data for Smarter Cities

29 April 2020



SMART CITY CONTROL ROOM





*We wanted to make citizens
lives easier and the place
where they live safer and
greener because <...the more
the city is beautiful, the more
beautiful the people are as if
the air were better there>*

*<...più la città è bella e più la gente è bella
come se l'aria vi fosse più buona>
Elio Vittorini, Le città del mondo*

BY TRYING, WE ACKNOWLEDGE THAT

Sharing the data to simplify life to citizens, a tricky corner had to be turned

Lack of communication not even the experts know all the present innovation, let alone the citizen

Reinvent the wheel is the sport preferred by many and makes you lose a lot of energy



**WE CANNOT
BE STOP
BY TRAFFIC
JAM**





WE CAN NOT
NEITHER
DROWN IN
THE DATA
LAKE

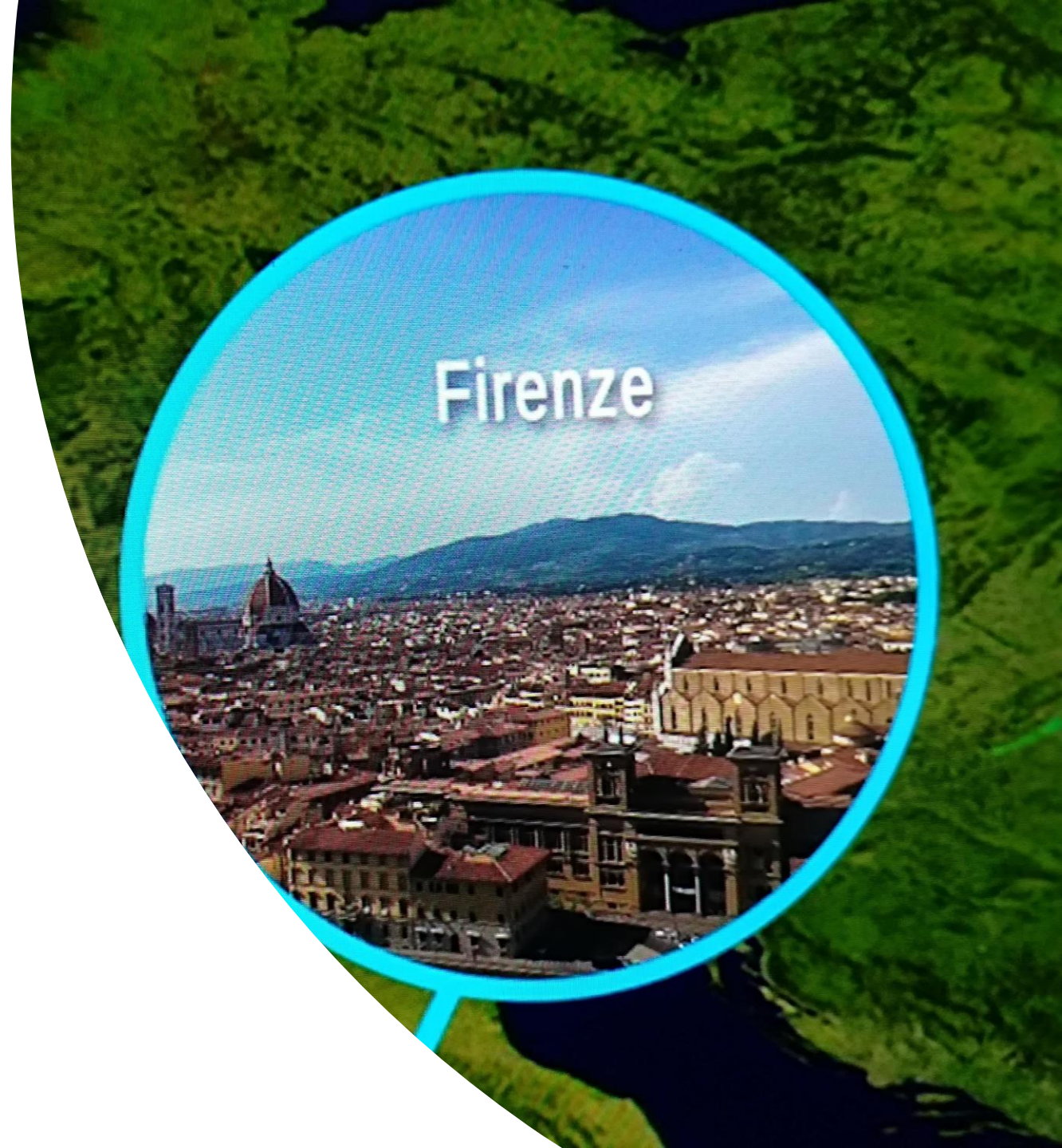
An aerial photograph of Florence, Italy, showing the city's dense urban landscape, the Arno River, and the Duomo di Firenze. The image is used as a background for a text overlay.

#PLANNING FOR A BETTER LIFE

YOU CAN NOT ACT PROPERLY
IF YOU DON'T KNOW WHAT IS AROUND YOU

DATA AS AN ENABLER

Infrastructure as an enabler: the SCCR



the SCCR: BigData platform

DATA SOURCES

Sensori traffico
Colonnine ricarica Fast Recharge* e regular
Smart irrigation*
Smart bench
Smart waste
Smart meters*
District Heating*
Parcheggi liberi indoor realtime
WiFi pubblico numero utenti per AP realtime
Eventi Polizia Municipale e di traffico
Cantieri stradali
Posizione realtime mezzi TPL
Segnalazioni cittadini su app +Firenze
Dati sulla città (nascite, immigrazioni, etc)
Sensori meteo
Sensori Arno e reticolo minore
Passaggi real-time varchi ZTL
Twitter sentiment realtime
Dati realtime Smart lighting*



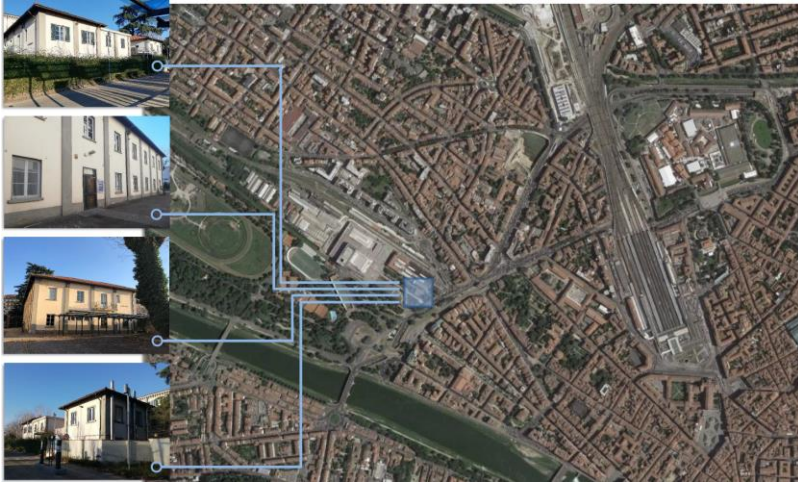
The Policy making dashboard

Smart City Control Room Architecture: a unique platform combining dashboards on mobility, environment, resilience, social, energy and policy making to manage the city

DATA USERS

Mayor, City Manager,
Director of Department
(Mobility, Environmental,
IT, Energy and Technical,
Communication, Registry
Office Department) SCCR
Operators, Service
providers

the SCCR : physical sharing of spaces to better manage the city for a better life



every single service provider does not see many advantages in co-presence

It is needed a VISION and HOLISTIC APPROACH to be shared: the role of the Municipality, the only one that can promote it all together we respond more quickly and efficiently: decide and manage public services on shared and system data, and on shared information in real-time for a simpler daily life and wellbeing

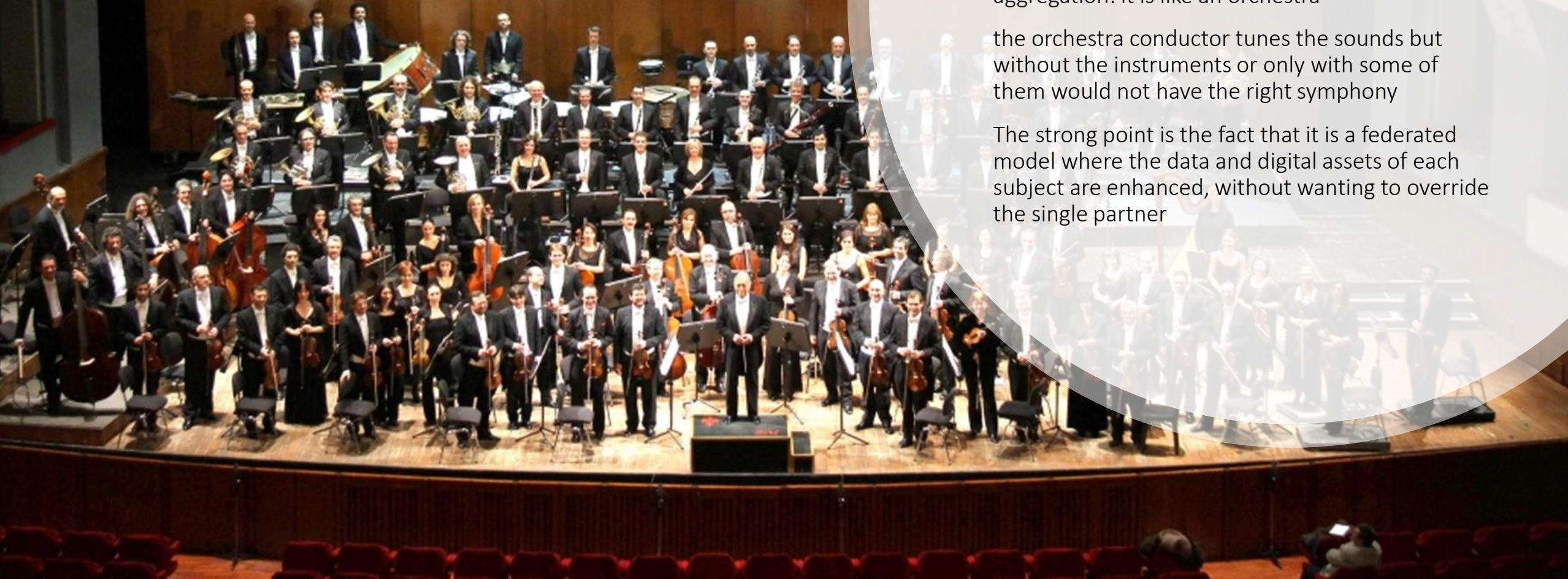


The management of city services is a typical multi-operator activity

Collaboration, synergies between bodies, utilities, promoted by the Municipality as a center of aggregation: it is like an orchestra

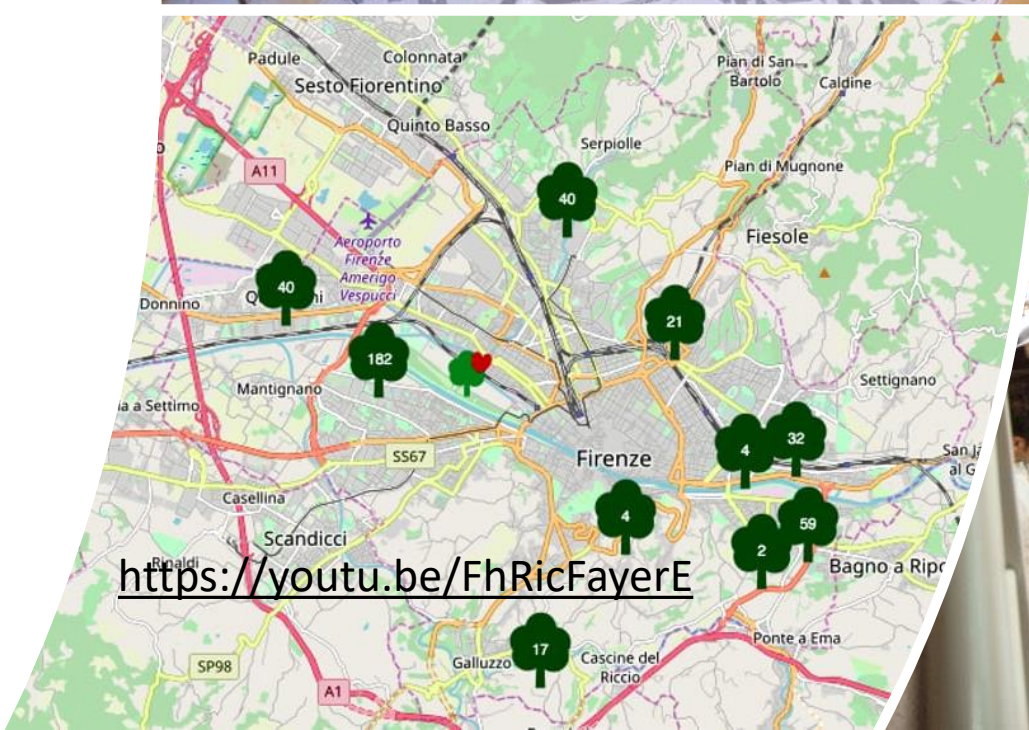
the orchestra conductor tunes the sounds but without the instruments or only with some of them would not have the right symphony

The strong point is the fact that it is a federated model where the data and digital assets of each subject are enhanced, without wanting to override the single partner



Is someone missing?
no one left behind:
human centric approach

from planning to
action



TIMELINE



-SHORT TERM - 2020: FROM BETA VERSION TO EVOLUTED ONE



(IT SYSTEM 1.2M€)



-MEDIUM TERM - 2021: LOCATION



(BUILDING, INFRASTRUCTURE 1.5M€)



-SCCR IN ACTION – 2022: ALL IN ONE



(COST N/D)



Thank a lot for your attention



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