



# multi-tenant open sensor platform

SMART CITY EXPO WORLD CONGRESS 2017



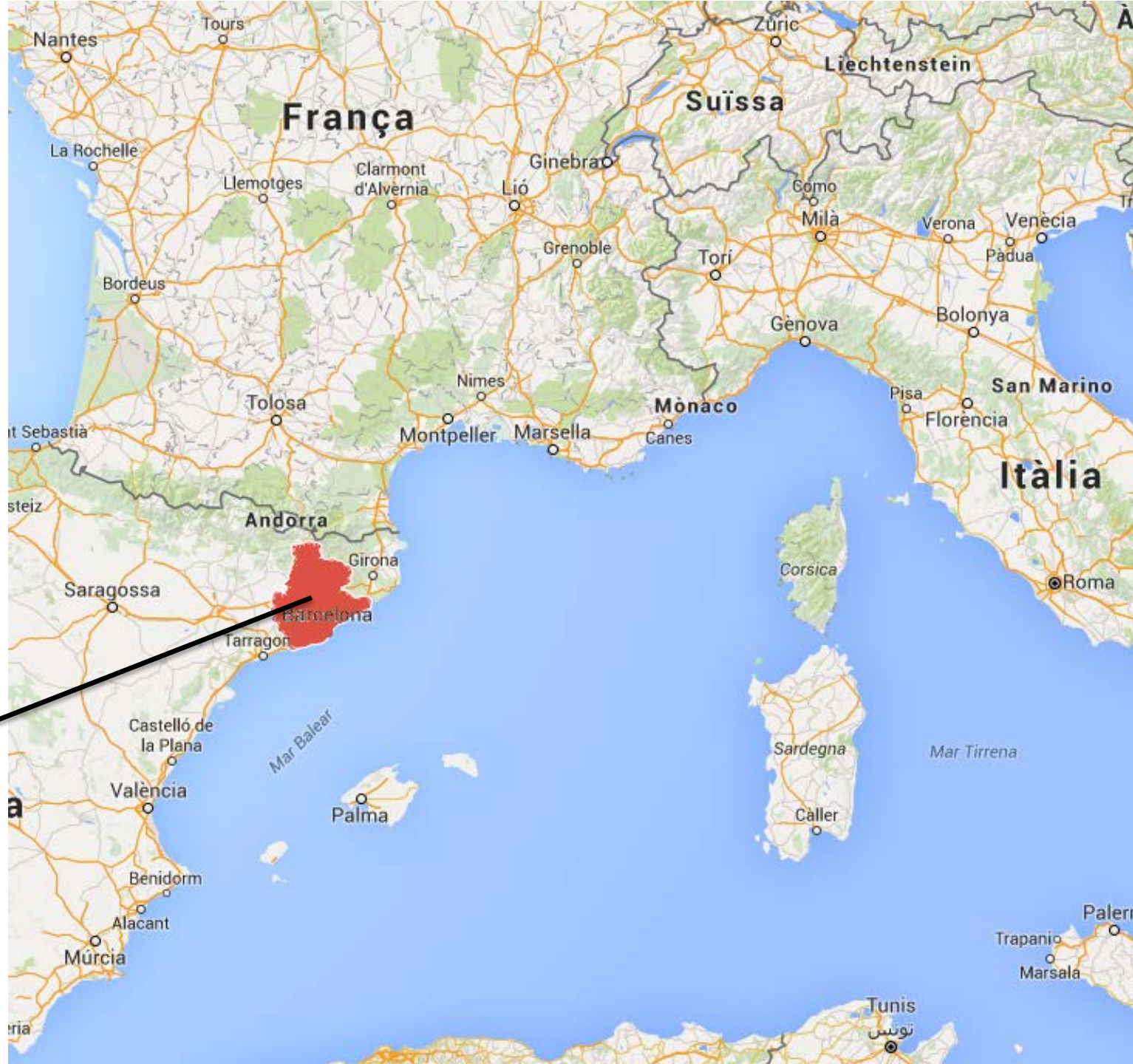
**Diputació  
Barcelona**



where are  
we from?



Barcelona  
County  
Council





An aerial photograph of a densely populated city, likely Barcelona, with a mix of urban buildings and green spaces. In the background, a range of mountains is visible under a clear sky. The image serves as a background for the fact sheet.

# Barcelona County Council **fact sheet**

area

**7,700 km<sup>2</sup>**

municipalities

**311**

population (2015)

**5,523,922**



An aerial photograph of Barcelona, Spain, showing the dense urban landscape of the city and its surrounding municipalities. The image is used as a background for the fact sheet.

# Barcelona County Council fact sheet

area  
**7,700 km<sup>2</sup>**

municipalities  
**311**

population (2015)  
**5,523,922**

Barcelona city **1,604,555**

Other municipalities **3,919,367**



An aerial photograph of a densely populated urban area in Barcelona County, showing a mix of residential buildings, streets, and green spaces. The city is nestled in a valley with hills visible in the background.

# Barcelona County Council fact sheet

area

**7,700 km<sup>2</sup>**

municipalities

**311**

population (2015)

**5,523,922**

19 cities > 50,000

58% municipalities < 5,000

64 communities < 500

# Barcelona County Council **in action**

technical & financial  
**support**  
for municipalities

environment

waste management

energy efficiency

economic development

trade

education

social welfare

culture

civic participation





# Barcelona County Council **ICT & cloud services** for municipalities

**220**  
municipal  
websites

accounting  
population census  
tax management  
e-mail

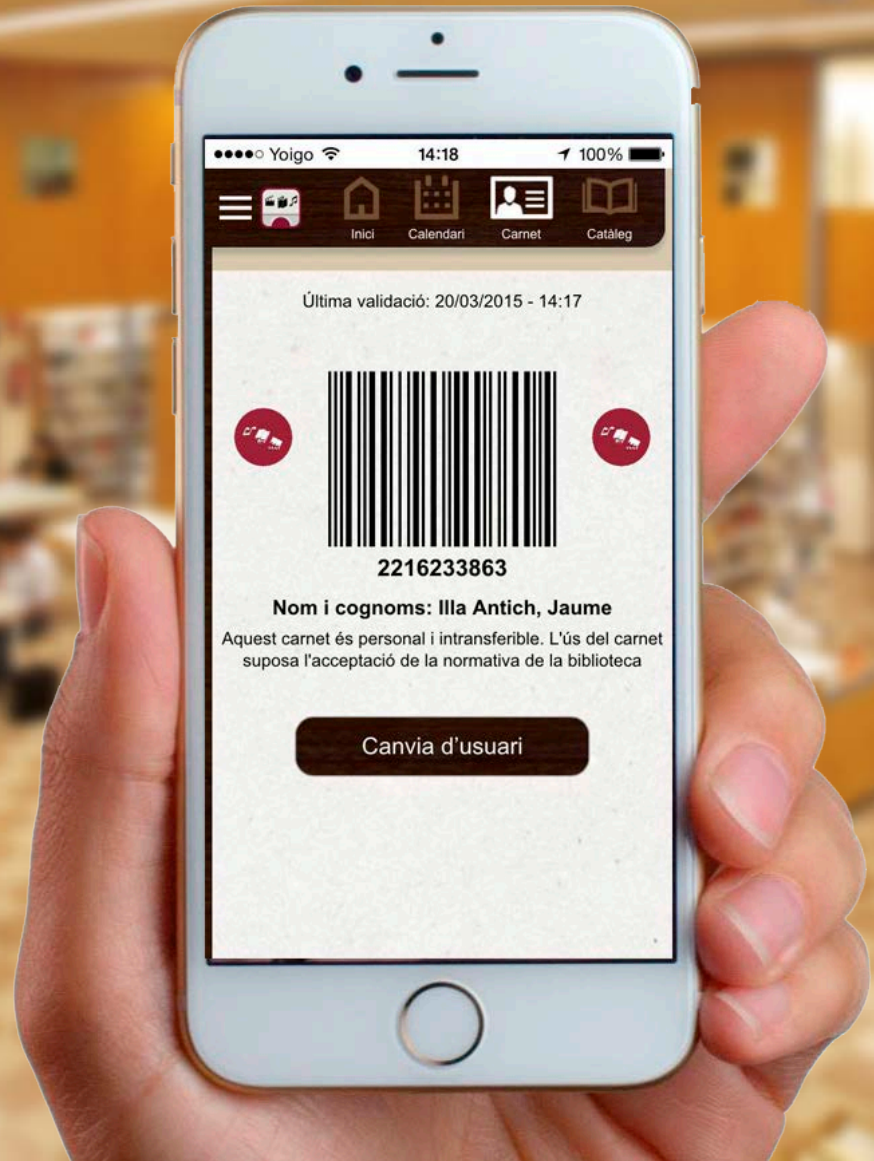
**223 libraries**  
(2.624.102 users)

catalog of  
**local mobile  
apps**

# Barcelona County Council **ICT services** for citizens

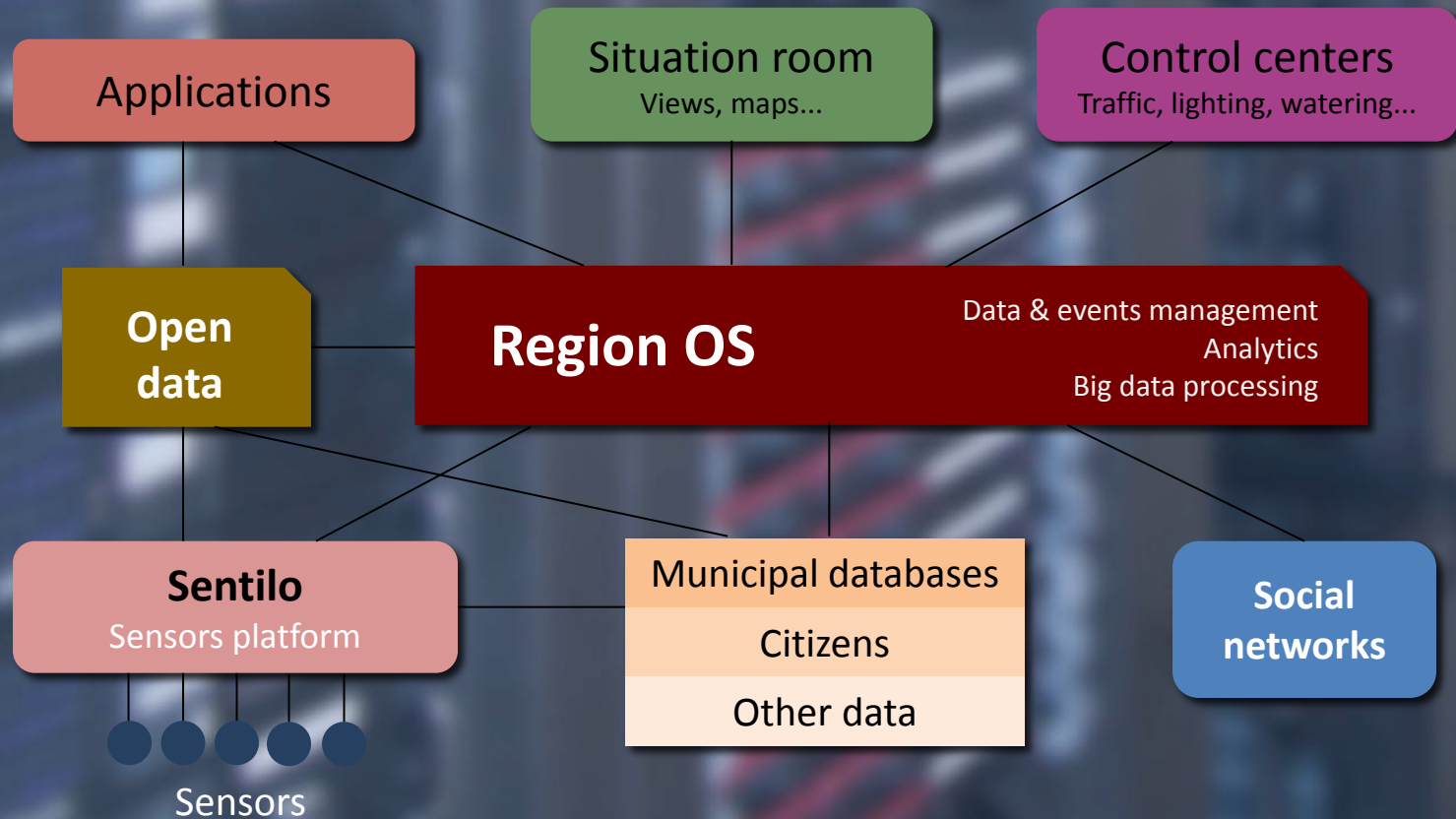
mobile  
**applications**

**open  
data**





# Barcelona County Council providing new ICT services



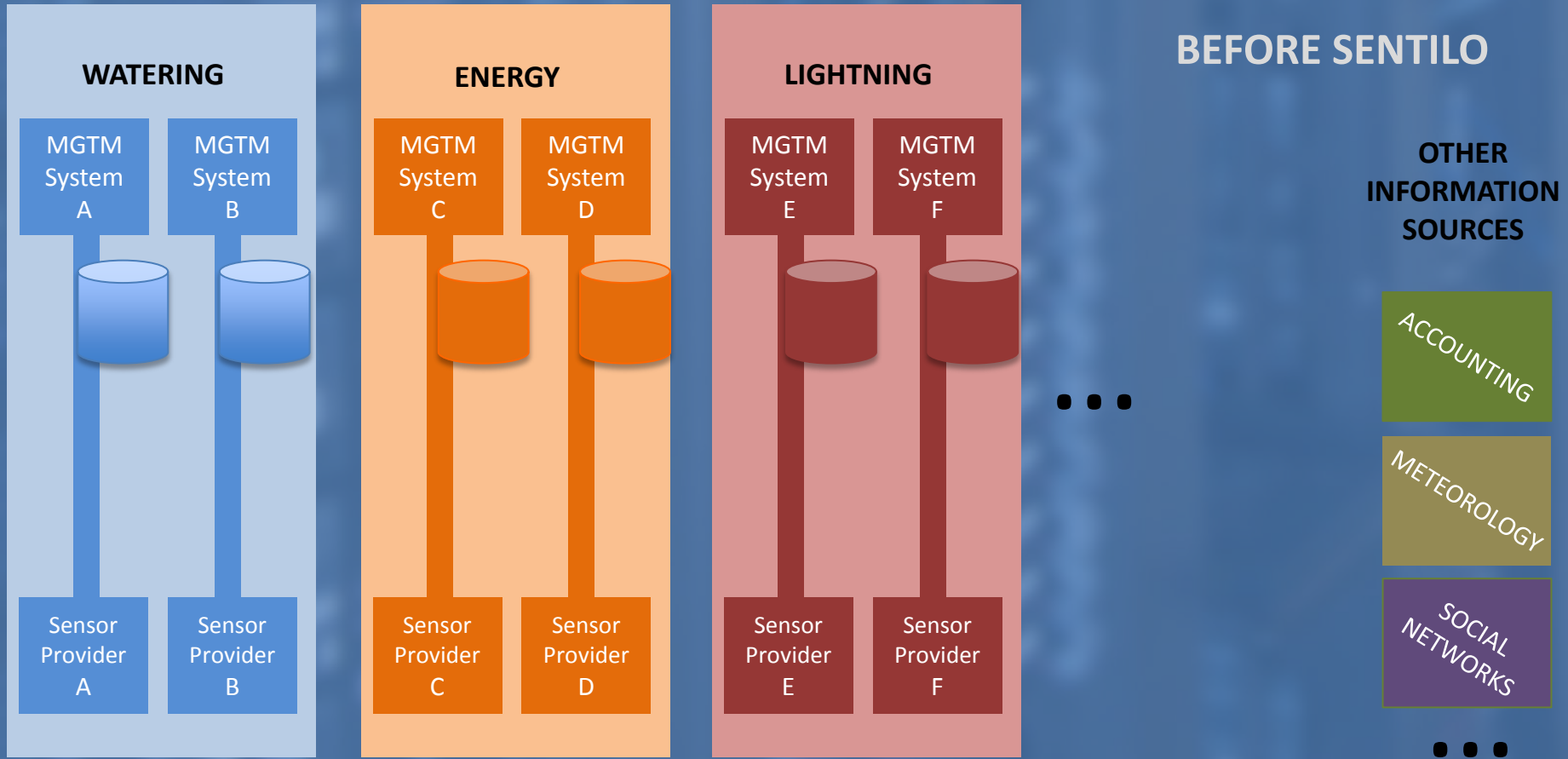
# Barcelona County Council providing new ICT services





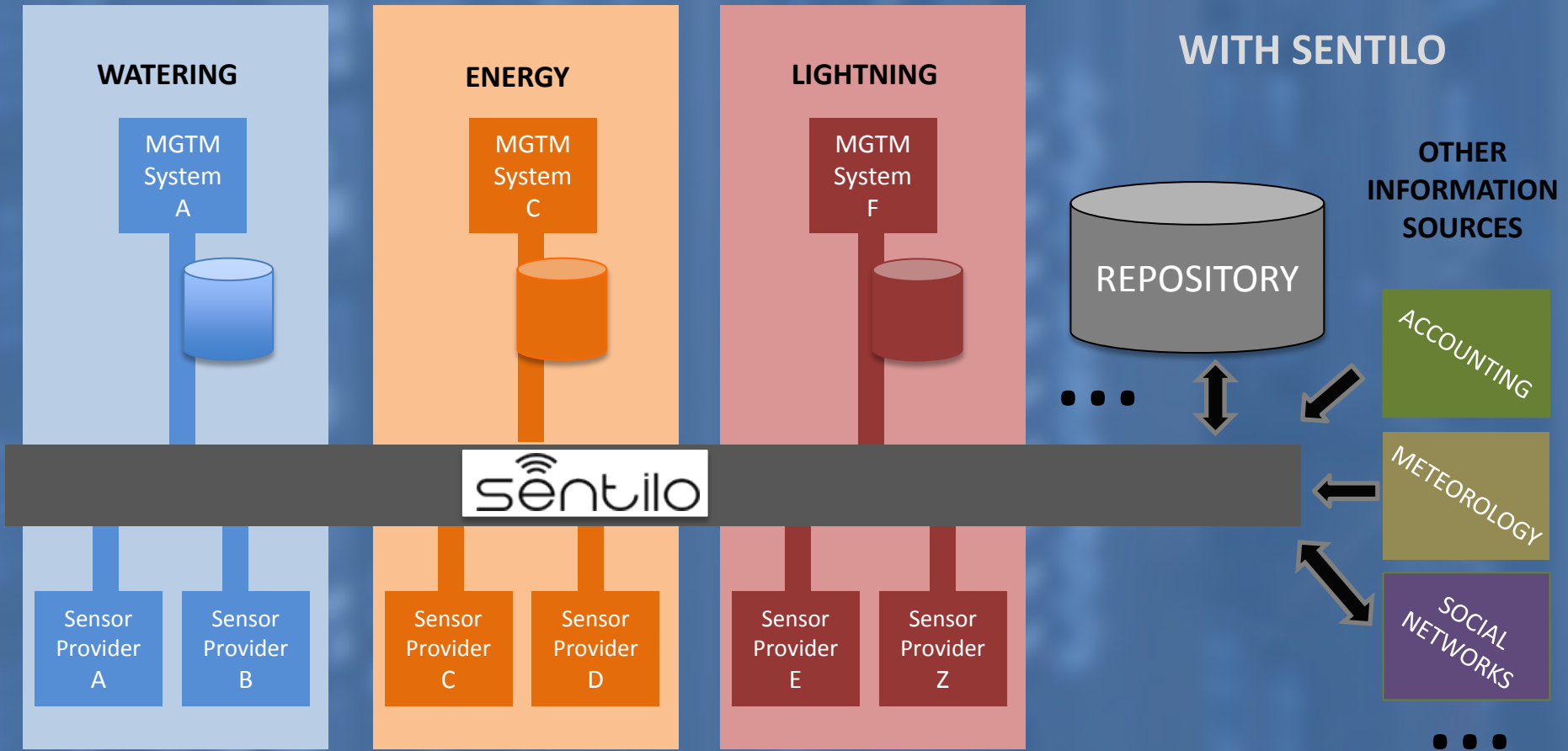
# Barcelona County Council

## why Sentilo?



# Barcelona County Council

## why Sentilo?





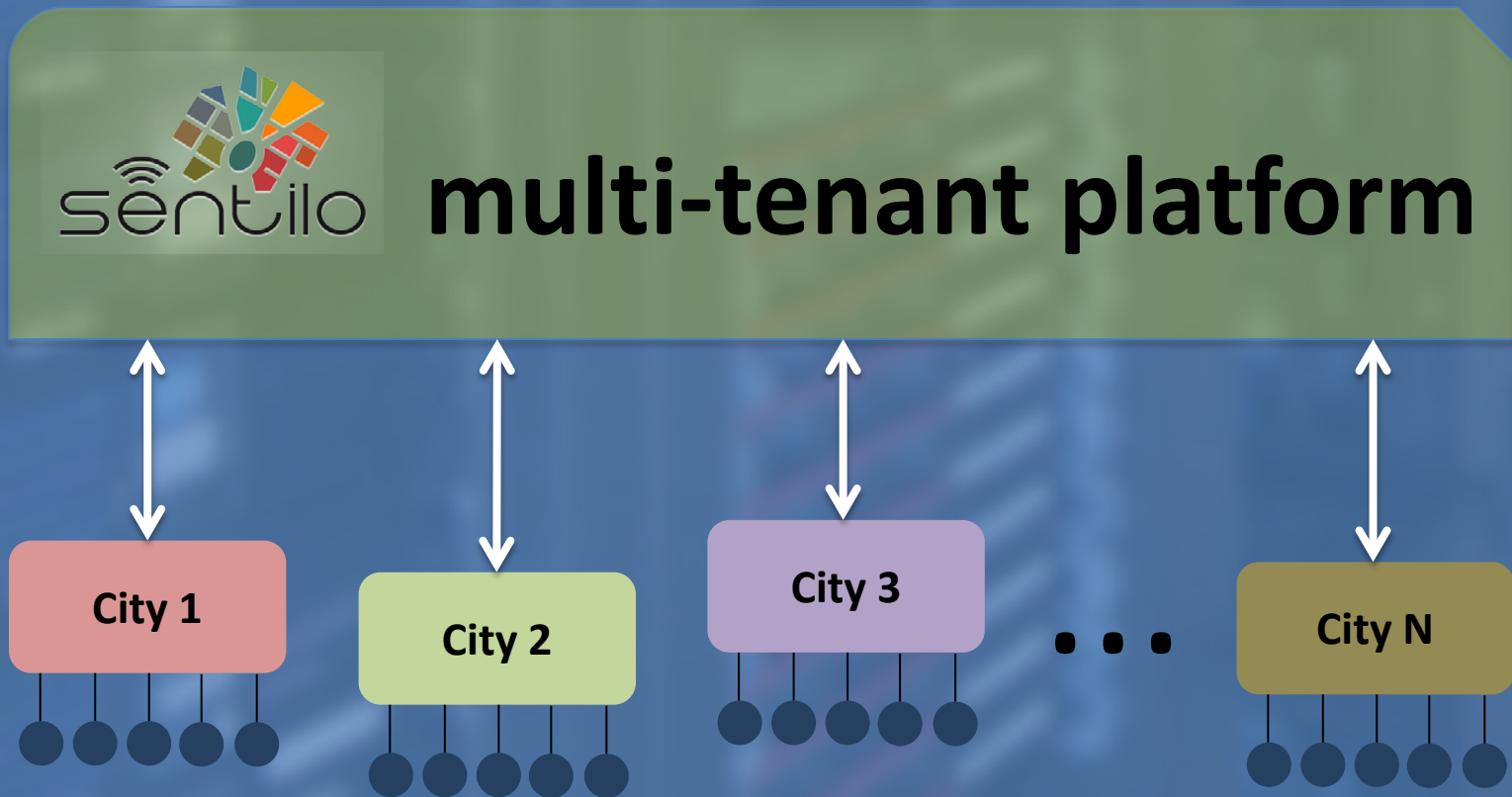
# Barcelona County Council

## why Sentilo?



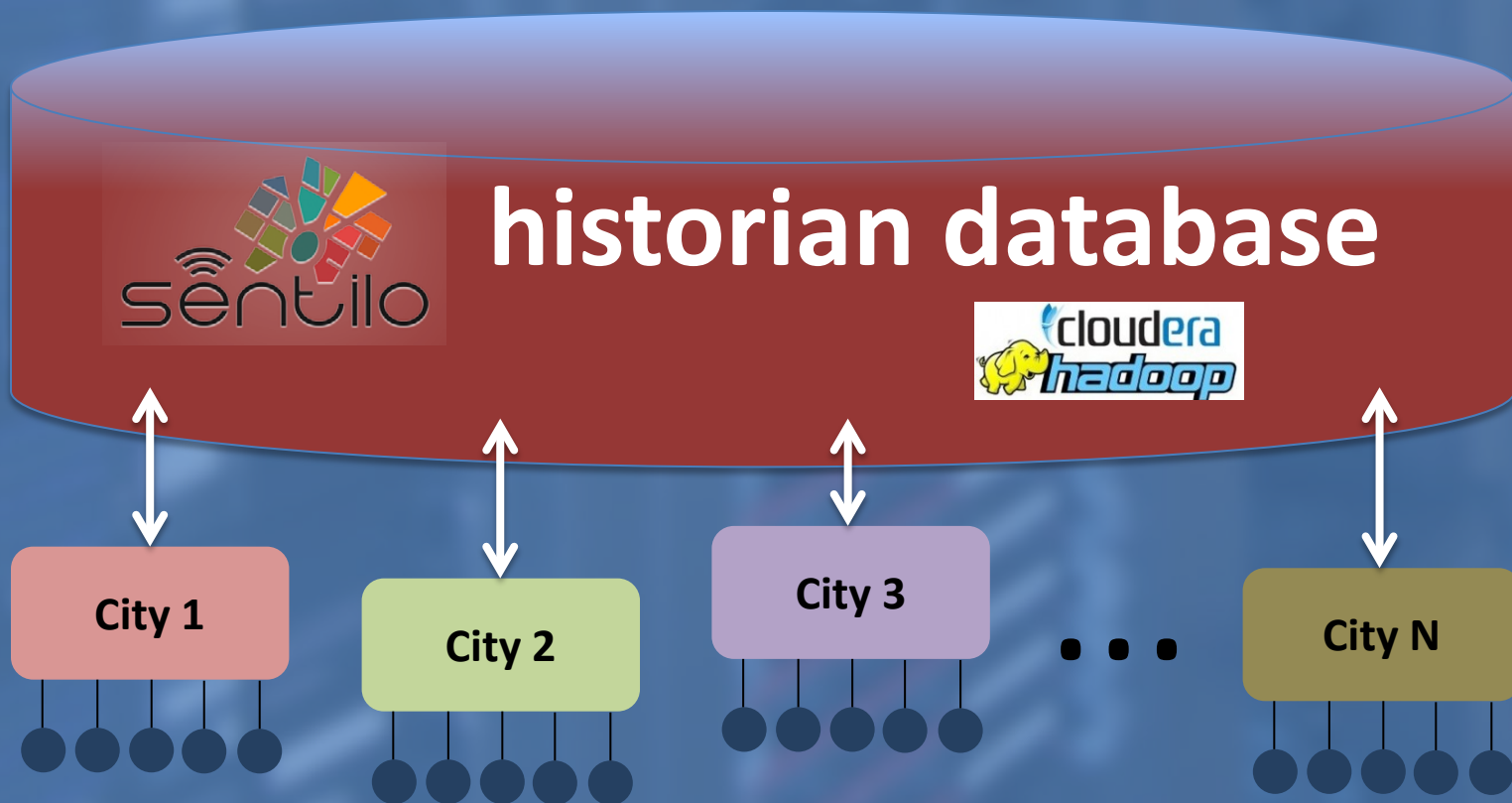
- Breaking silos
- Open source code
- Active community
- Increasing “Sentilo compliant” solutions and providers

# Barcelona County Council upgrading Sentilo





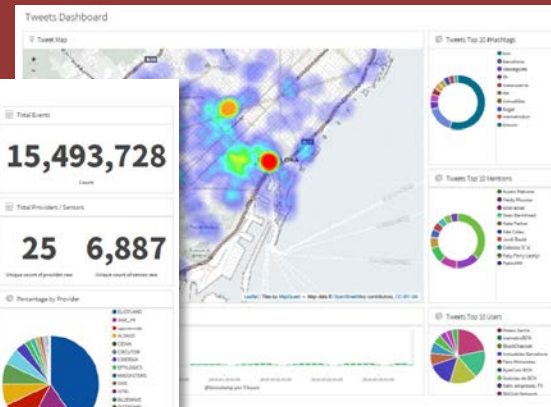
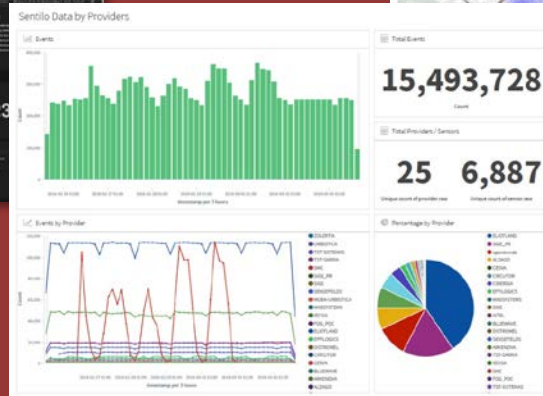
# Barcelona County Council upgrading Sentilo



# Barcelona County Council upgrading Sentilo



## big data & analytics





# Barcelona County Council

## Sentilo for cities



**Thank you!**

**[www.diba.cat/smartregion](http://www.diba.cat/smartregion)**