



Valencia

- 800,000 inhabitants
- Located in the center of the *Mediterranean Corridor*
- 95 min away from the capital of Spain by high speed rail
- 1st Spanish port in container traffic
- 3rd Spanish city with the highest economic activity
- 5+ million sqm of green areas
- 6.3 sqm green areas per inhabitant

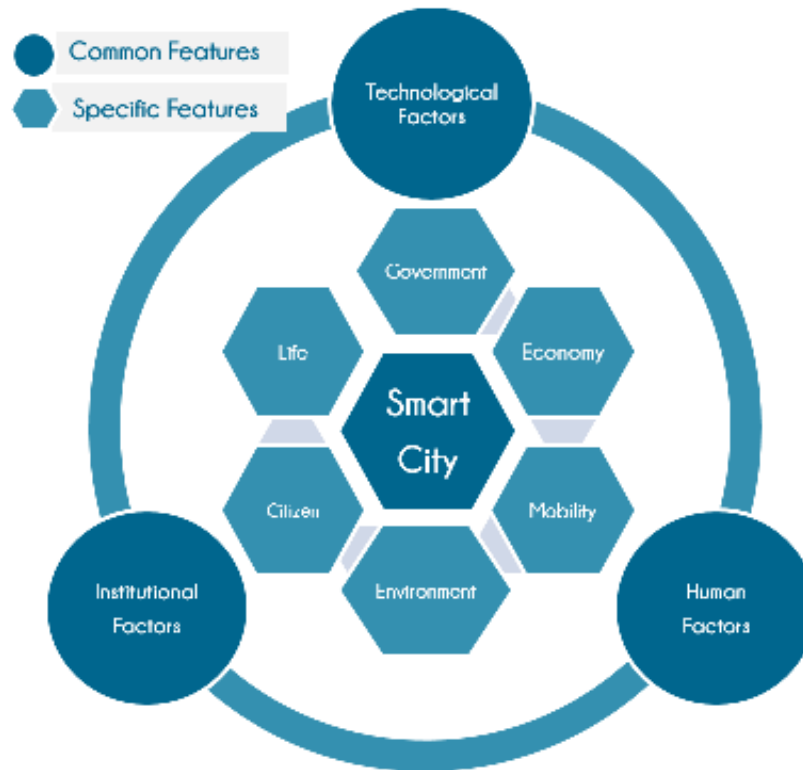


- 33.9 million sqm of industrial land
- 170,000 companies
- 5th European city in international events
- 200 cruises and an average of 2,354 passengers per year
- 300 sunny days per year
- 19.5 km sea shores
- 18.7° C average temperature
- Destination of 3,200 Erasmus students



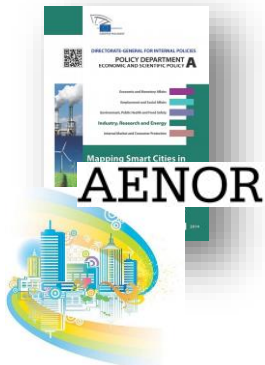
**AJUNTAMENT
DE VALÈNCIA**

Conceptual vision for a Smart City



Strategy
City of Valencia

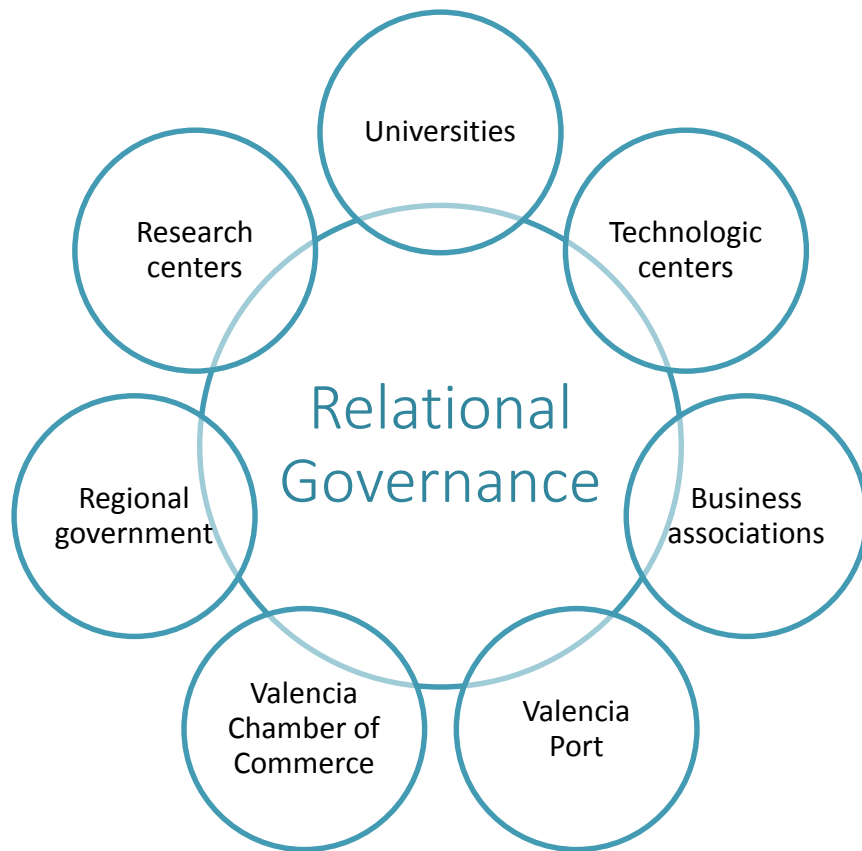
Local Agreement
for Innovation



Mapping Smart Cities in the EU

The European Innovation Partnership on Smart Cities
and Communities (EIP-SCC)

Spanish Standardization Entity



Date of signature: 10 December 2012

Working packages:

WP1 - Enhancing the **talent and knowledge** of the city and bring new ideas and opportunities for innovation and research.

WP2 - Encourage the development of **corporate and institutional innovation**.

WP3 - **Placing Valencia on the international map** of research and innovation.

WP4 - Promoting innovation in areas of economic and social development of the city of Valencia to make a **Smart City**.

Objetives of WP4 "Smart Cities":

- ✓ To obtain reciprocal knowledge about capacities, projects, research areas and results
- ✓ To identify and generate opportunities for cooperation
- ✓ To identify success experiences

Smart objectives associated to each functional area of the city



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Government and Institutions	Increase of Interoperability	Smart Management of Information from Citizens. Transparency	Consolidation of Electronic Public Services
Economic Dynamism and Employment	Ecosystem for Innovation	Boosting ICT on commercial sector and entrepreneurs	Intelligent destination Visitor experience Smart management of Employment
Quality of Life	Consolidation of Security and Social Services Information	Smart management of Urban Services	Leisure, Culture and Sport at Citizens service
Sustainability Mobility and Infrastructure	Efficiency infrastructure Energy - Carbon	Environmental Sustainability	Sustainable Urban Mobility



Platform VLCi



Projects



Indicators

A **global platform** for the management of a smart city:

- ✓ Compile key indicators.
- ✓ Provide transparency and efficiency.
- ✓ Measure and compare with similar cities.
- ✓ Improve governance model defined in the *Local Covenant of Innovation*
- ✓ Open Government.



1st Spanish city that has an integrated smart city management platform based on the paradigm of cloud services.



1st European city to use FI-WARE in a smart city platform.

Valencia Smart City Platform

VLCi Platform



- It contains the necessary components that are required to a smart city platform.
- It enables better planning and management of the city as a whole, with predictive analysis and "what if analysis".
- Allows our researchers and entrepreneurs create products and services for a large market.
- We offer new services quickly and homogeneous for cities.

99 certified
indicators

2nd city in the world that has
reported the largest number of
indicators

550 indicators

Already integrated in the
Smart City Platform



City indicators

Citizen indicators

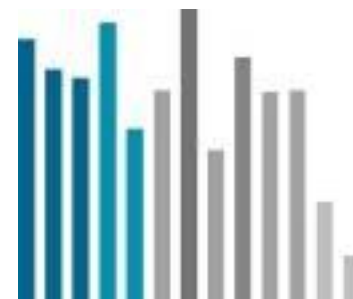
Municipal services
management indicators

ISO 37120



**WORLD COUNCIL
ON CITY DATA**

Indicators:
Essential
basis of the
VLCi Strategy



Portal de **Transparencia** y **Datos Abiertos**



transparencia

datos abiertos

cuadros de
mando

participación
ciudadana

Gobierno
ABIERTO



TRANSPARENCIA

Acceso a la información pública del Ayuntamiento de Valencia



DATOS ABIERTOS

Acceso al catálogo de datos del Ayuntamiento de Valencia

Destacados:



Nuevos Datos Publicados

Datos diarios del último mes de las estaciones de ruido.
Aparcamientos no regulados

Datos de la estación de contaminación atmosférica de Boulevard Sur (7A)

Datos de la estación de contaminación atmosférica de Avda. Francia (6A)

Datos de la estación de contaminación atmosférica de Viveros (5A)



Mejor Valorados

Datos de la estación de contaminación atmosférica de Viveros (5A)

Datos diarios del último mes de las estaciones de ruido.

Datos de la estación de contaminación atmosférica de Boulevard Sur (7A)

Datos de la estación de contaminación atmosférica de Avda. Francia (6A)

Aparcamientos no regulados



Estadísticas

Conjuntos de Datos: > 112

Distribuciones: > 751

Transparency & Open Data Portal

Conjuntos de datos

Descarga Catálogo en formato RDF-DCAT

Se han encontrado **112** resultados.

Ordenar por:

Datos diarios del último mes de las estaciones de ruido.



Datos diarios del último mes de las estaciones de medición de ruido...

[Ayuntamiento de Valencia](#)

CSV

Grado de apertura	Visitas	Valoración
★★★★☆	237	4 2

Aparcamientos no regulados



Datos geográficos sobre la localización de las plazas de aparcamiento...

[Ayuntamiento de Valencia](#)

SHAPE WFS WMS KML GML JSON CSV

Grado de apertura	Visitas	Valoración
★★★★☆	18	0 0

Datos de la estación de contaminación atmosférica de Boulevard Sur (7A)



Datos diarios del último mes de la estación de contaminación...

[Ayuntamiento de Valencia](#)

CSV

Datos de la estación de contaminación atmosférica de Avda. Francia (6A)



Datos diarios del último mes de la estación de contaminación...

[Ayuntamiento de Valencia](#)

CSV

Valencia App

App entirely developed by Valencia City Council

✓ Geo-located and real time

information: buses, bikes, monuments, parkings, trash containers. . .

✓ City Council applications.

✓ Customized alerts: Traffic, City, Emergencies.

✓ Urban Informer. Trouble on the streets.

✓ Interacting by your position.

✓ Interactive city maps.

✓ **Access to the electronic office through eCertificate**

✓ RSS alerts.

✓ **Registry Certificate, previous appointment, payment of fees ...**

✓ Municipal information.

Innovation ecosystem. Open Data Website

App Ciudad Valencia as the display of innovative ideas for entrepreneurs interested in providing creativity and talent to the city.

<http://www.valencia.es/datosabiertos>



Open data

100 open data sources
(Business Intelligence) for developers

eGovernment



smart
city
valencia



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Electronic Office

- Enquiry and documents upload of 7 million electronic records.
- 95% online procedures through the electronic office.
- Electronic public notice board.
- Tributary Electronic Office.
- Electronic Representation



Interoperability

With other administrations.

- 360.000 eCertificates
- 400.000 eProcedures

eGovernment

170 M € saving
for the citizens
in its first year.



Council without papers

100% electronic
records.



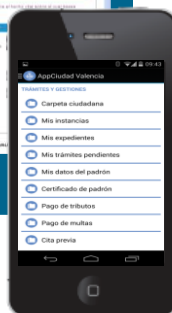
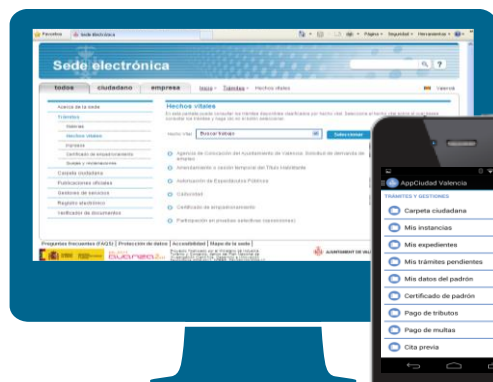
Information System Geografic SIG

250 data layers.
Integrated maps, street
view and BD territory.



Accesibility

Inclusite disabled people
have full access to
municipal web.



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Municipal Budgets for 2016, book a round of
7 million euros for the residents to decide what
investments are a priority.



Investments include **infrastructure** - "works" - both new and rehabilitation of existing ones, and **acquisitions of permanent assets of the City**, such as waste containers or purchase of a vehicle.

March 4, 2016 → Priorities already be known.
Preparation, adjudication and execution of projects.

Citizen participation

Public consultation
process for investment
in neighborhoods



Valuation criteria on municipal contracts

in the strategic framework "Smart City Valencia"



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- ✓ Adaptability, integration and provision of data and indicators covered by the Valencia Smart City Platform.
- ✓ Real-time data.
- ✓ The developments of the applications that are necessary for better and greater exploitation of data.
- ✓ Developments that bring new technologies to the public, government and businesses
- ✓ Internet of Things
- ✓ sustainability
- ✓ Cost savings
- ✓ Introducing innovation

SMART CLAUSES

The use of information technology for data on how the services are provided by the local authority itself or by the contractors, and the previous work of defining indicators of quality in service management, allowing the city to:

- ✓ Ensure that the standards set are included.
- ✓ Optimize the economic resources (pay for what is paid).
- ✓ Increase transparency.

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