

The Andalucía Smart City initiative. A cooperation model.



Daniel González Bootello
Director General



中华人民共和国国家发展和改革委员会
National Development and Reform
Commission



1st Joint Forum of European and Chinese
Cities and Regions
Brussels, June 23rd, 2015

The Region of Andalucía

A brief look at basic figures shows a “country size” region with a growing economy

1

Population

Andalucía: 8.059.461 inhabitants

Spain: 45.200.737 inhabitants

Shantou: 5.391.028 inhabitants

EU: 495.854.635 inhabitants

Andalucía is 17.8% Spain, 1.62% EU

2

Area

8 provinces: **87 598 km²** and 873 km coastline

Huelva-Almería, 482 km vs. Huelva-Madrid, 635 km

Spain: 505 990 km²; **Guandong:** 177.900 km²; **EU:** 4.303.404 km²

Andalucía is 16,7% Spain, and 2.03% EU territory

3

Economy

EU Cohesion Policy framework: Andalucía is a Convergence Region

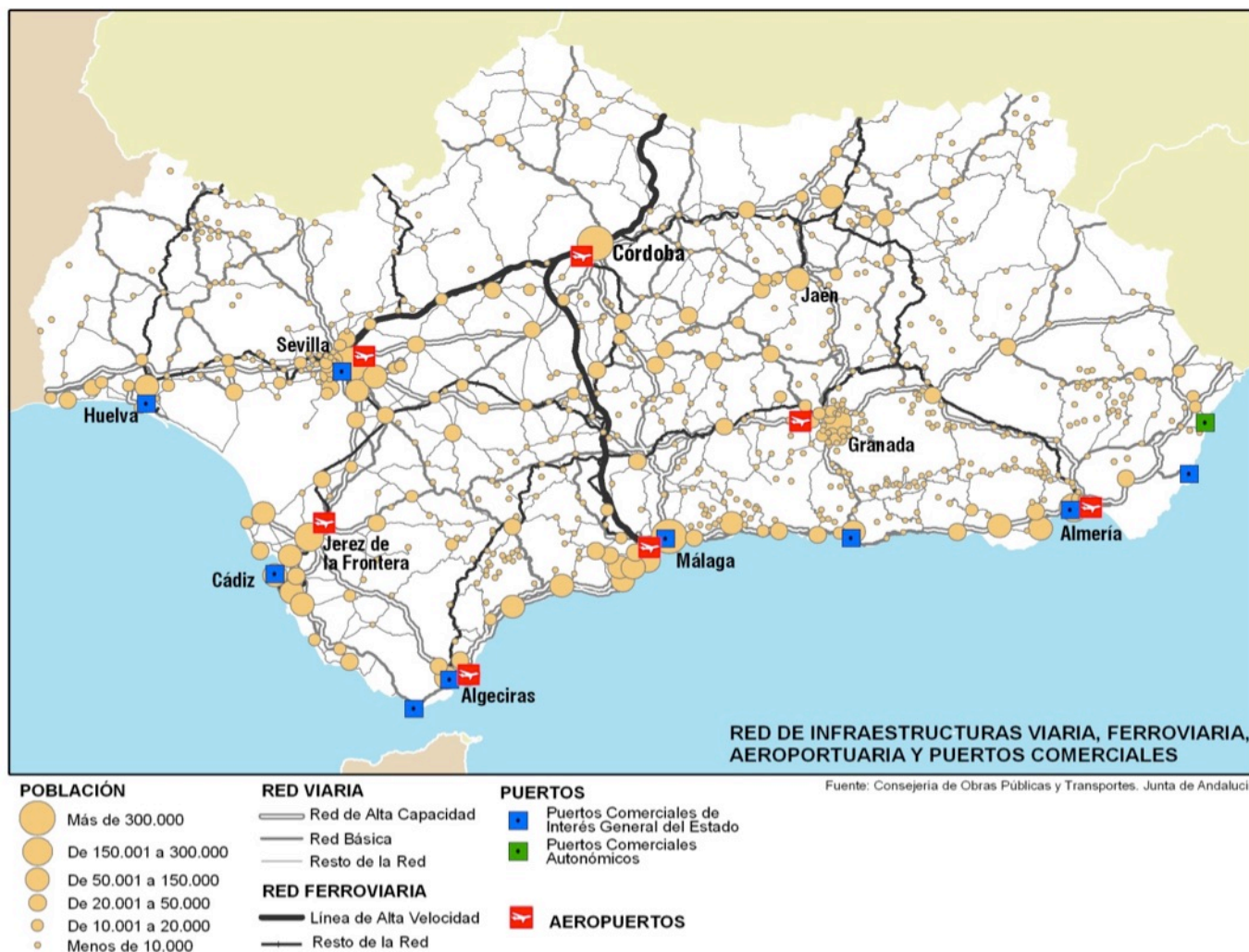
2013 GDP: 138.300 M EUR. (-7,3% from 2008) 10% national GDP

2013 GDP per capita: 16,666 EUR. 74,7% of national average

Economic Sectors rates for GAV & employment : Service, 60%; Industrial, 15%/11%; Construction, 12%/15%; Agriculture: 10%

R&D Investment : 1.1% of GDP

ABOUT ANDALUCÍA



The City of Málaga

Pop. 567.000 (Capital)

Pop. 1.653.000 (Province)

28 centuries of history

A city where nobody
is a foreigner



Tourism & Culture



Innovation & Knowledge

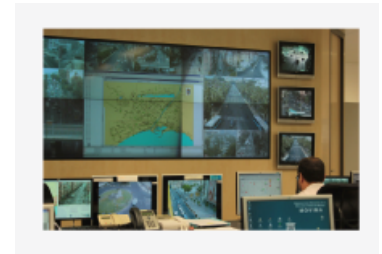


To use ICT to improve management, lower cost of services and generate value to the citizens, using energy efficient solutions, smart multimode transport and a transparent governance method.



Municipal IT infrastructure combined with Fiber Optics and Wireless network to provide:

- E-government services
- Public transport advanced services
- Road traffic management and control
- Emergency services
- Operations control and management
- Water network control and management
- City vehicle fleet control and management
- Information in social centers



Smart City Málaga

ZEM2ALL



VICTORIA



Eurocities Innovation Award (2009)

Smartest City in Spain (IDC Report, 2011)

Science and Innovation City (2011)

Finalist “World Smart Cities Awards” (2011 and 2012)

Selected city for “Smarter Cities Challenge” (IBM Foundation, 2012)

Most Sustainable City in Spain (Siemens, 2012)

Finalist, European Capital of Innovation (2014)



About Andalucía SmartCity Cluster

Andalucía SmartCity Cluster is an **alliance** of **private companies** and **institutions** for the development of smart cities, meaning cities that are efficient, sustainable and comfortable to live in. This is achieved by means of cooperation among these entities through the **creation** of **jobs** and **wealth** by rising business competitiveness.



Created by the **joint forces** of:

- Renewable Energy Producers Association
- ICT Businesses Association
- Network of Science and Technology Parks
- Andalucía Tech

Headquarters in **Parque Tecnológico de Andalucía**

Currently formed by **109 members**

- 70% Companies (92% SME and 68% Micro-SME)
- 18% Knowledge Entities and Research Institutions
- 7% Public Entities
- 5% Business Associations





A multi-level effort





Thank You

www.andaluciasmartcity.com

Cluster Andalucía SmartCity

C/ Steve Jobs, 2. Parque Tecnológico de Andalucía. 29590 Málaga (ES)