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# Open Cities and Natural Environment

Work prepared by  
Olga Gil and Julio Navío

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Political Participation series

May 8th 2014, Ayuntamiento de Rivas

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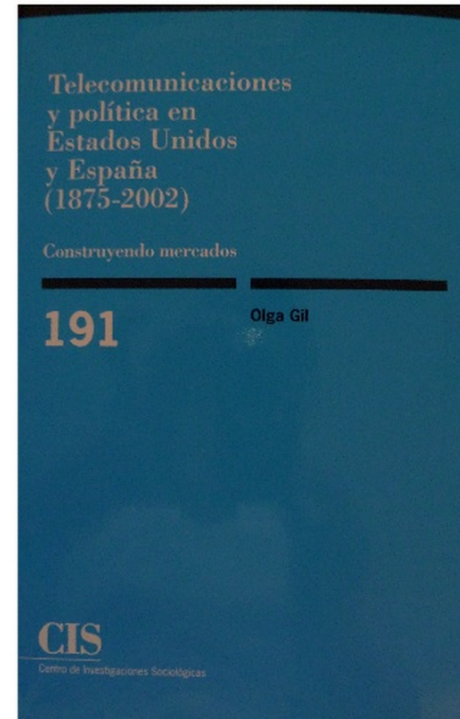


# Bio

Autora de Políticas de Telecomunicación en Estados Unidos y España (1875-2002):

Construyendo Mercados, premio al mejor libro del año de la AECPA en 2003. (CIS/Siglo XXI, Madrid, 2002).

Colabora con Universidades Corporativas y Públicas (Universidad Internacional Menéndez Pelayo, Universidad Autónoma de Madrid, Universidad de Cantabria, UNIA, John Hopkins y otras). Es fundadora de TicWisdom, donde realiza talleres aplicados sobre aprendizaje en un mundo digital.



## OPEN CITIES AND NATURAL ENVIRONMENT

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## OPEN CITIES AND NATURAL ENVIRONMENT



**Definitions** of smart cities under three traditions: human capital, technology and digital literacy. The definitions of smart cities. What makes a city smart? Differences in definitions in applied local contexts are important because these are translated into differences in governance locally, as we have later founded.

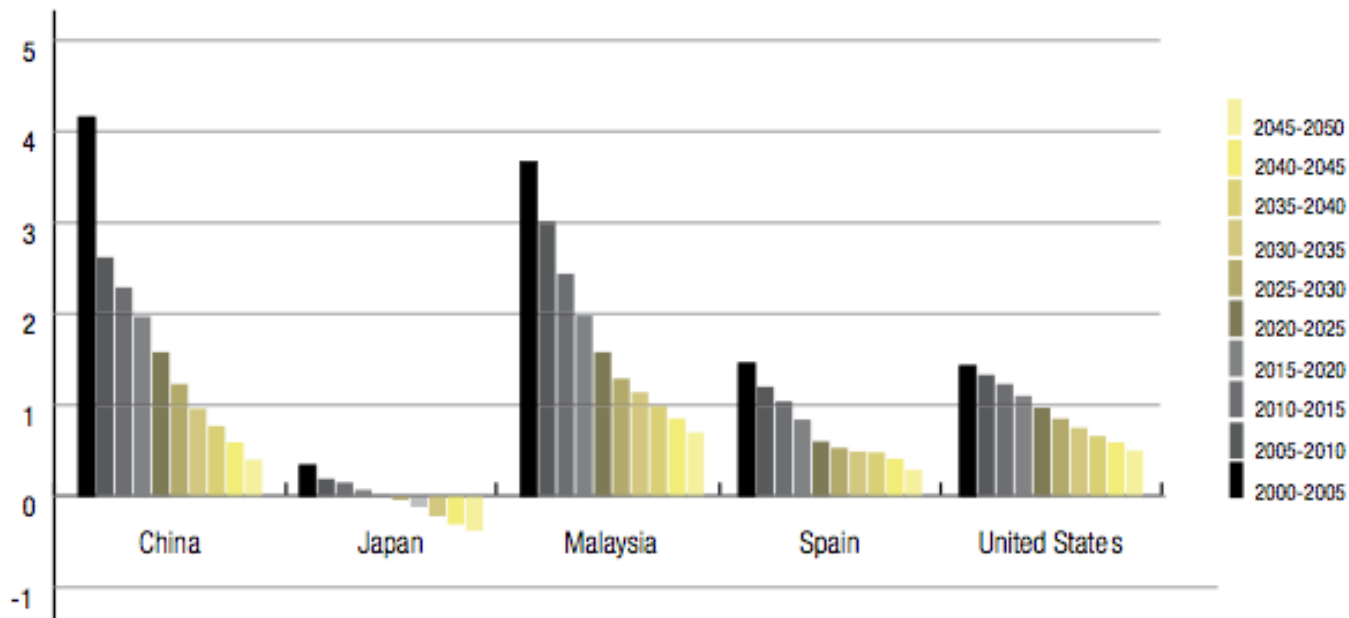
**Theoretically** We founded differences among three approaches: 1) human capital, 2) technological progress, 3) the normative question: What are the skills that people and citizens shall have to be **digitally literate** in the XXI century? Testing whether the third approach –digital literacy- is present or absent in the eight cases addressed.

**Hypothesis** Factors to advance the smart plans are key to differentiate models of urban governance Comparison includes non European cases.

**Choice of cases** driven by an interest to learn from innovation practices in different world institutional settings.

In previous work presented in Baltimore and Twente we looked at **management and organization, technology, governance, policy context, people and communities, economy, built infrastructure, and natural environment**. From these previous works we conclude that **governance could be a key overarching variable**, embracing the rest as subcategories. to work analyzing governance as overarching category embracing the rest of variables.

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Urban annual growth rate (%). 2000-2015. Source: United Nations Statistics. Data from 2010 onwards are projections.

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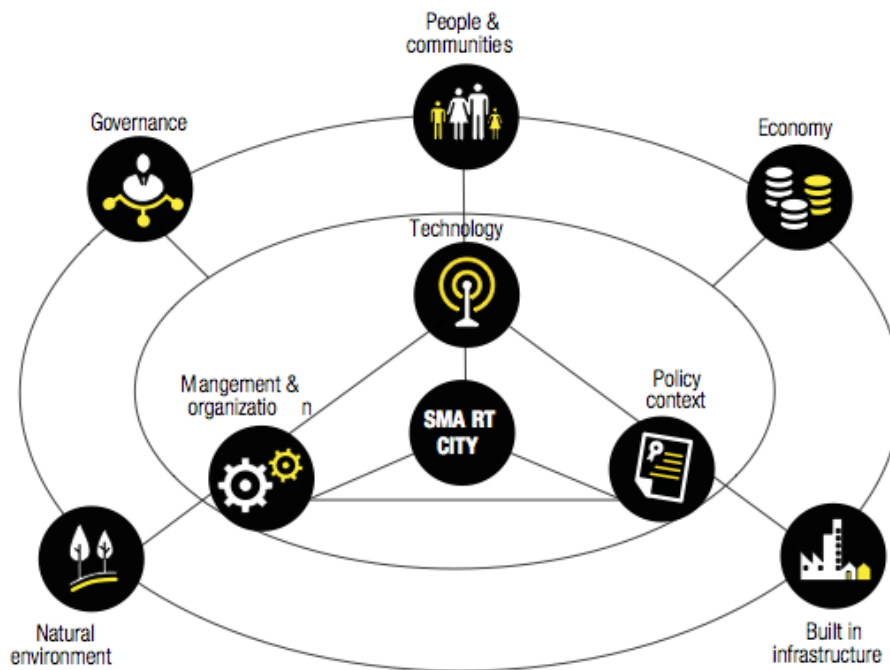
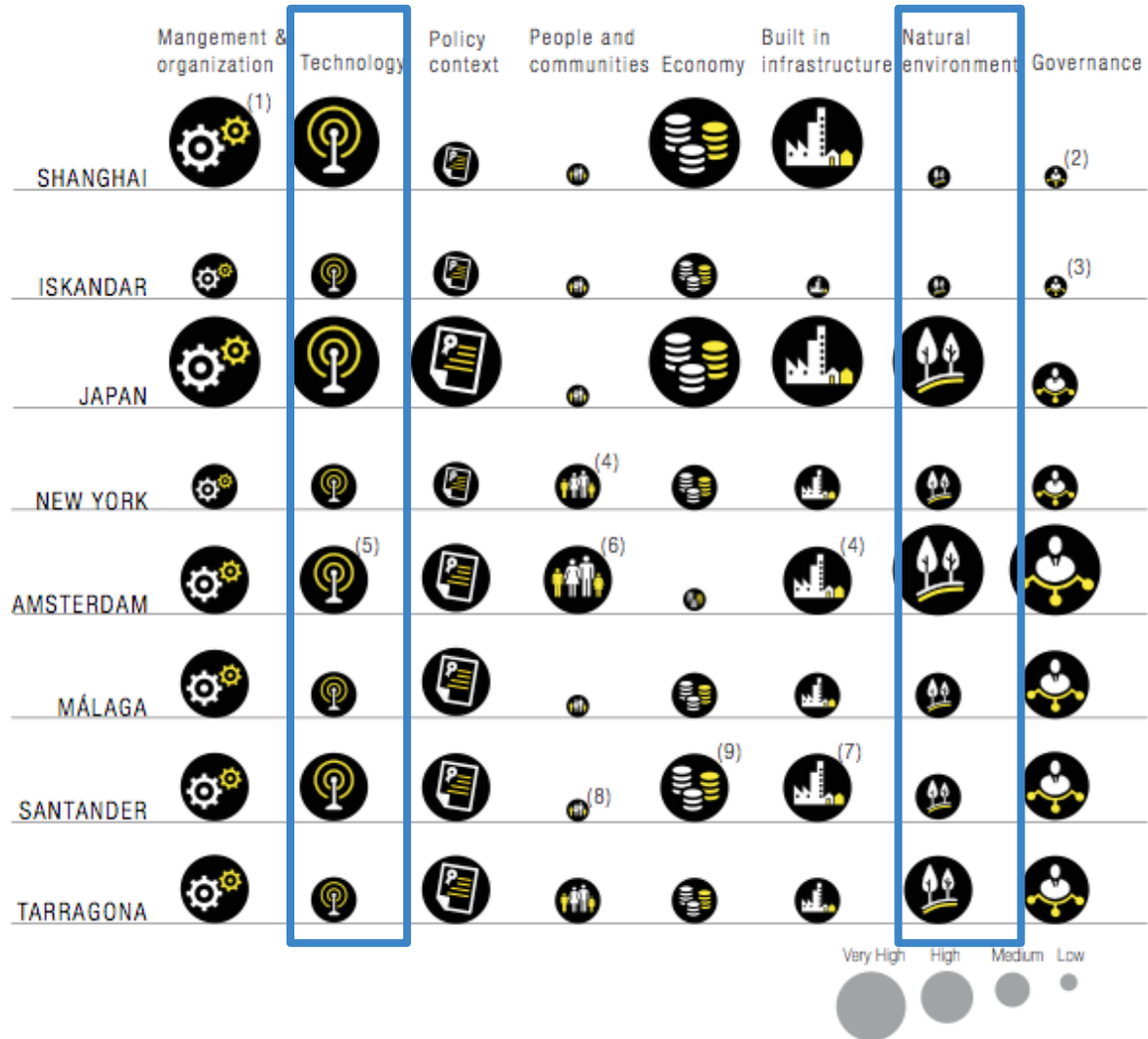
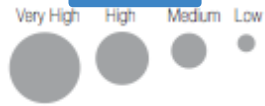


Figure 1: Smart cities initiatives framework: A visualization developed from the model by Chourabi et al. (2012) and our empirical research

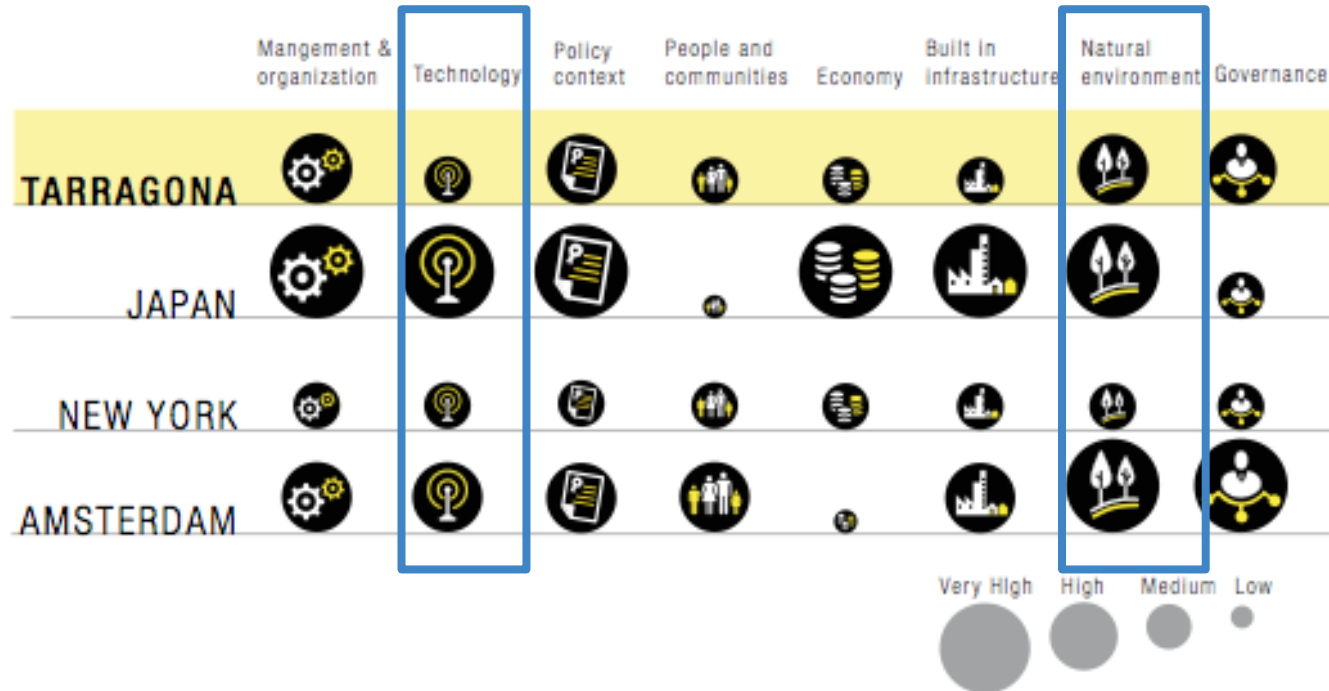
# Results



Oligon



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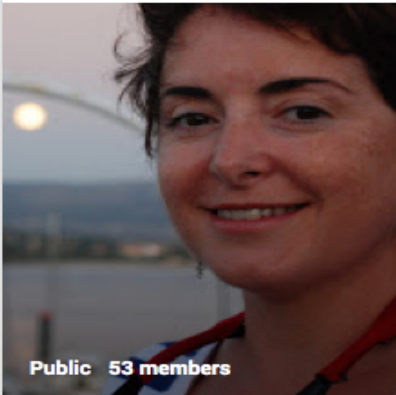


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#Cloud

On platform services for online business #trends #cloud #smarcities +Eduardo Collado Cabeza



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Smart Cities Spain, Europe and the World is an ecosystem of people interested in smart city and smart citizens development and policies. Started by a team of researchers and practitioners at Universidad Autónoma de Madrid & TicWisdom.com and engaging with the industry and policy makers to advance smart city initiatives drawing on scientific knowledge from a comparative perspective. Here you can: - Share with the community on #smart #cities topics- Discuss any issue related to intelligent / smart city- Post ideas/request for collaborations (EU Funding networks or any other kind) - Comment on smart cities at TicWisdom blog posts [www.TicWisdom.com](http://www.TicWisdom.com) Send email to: [olgagil@olgagil.es](mailto:olgagil@olgagil.es)

Smart cities in progress

Presentación de Alejandro Pérez

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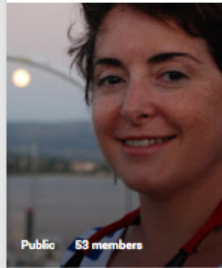
Pictures of smart infraestructures via @Ferrovial

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1,641  
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by [Olga Gil, Ph.D](#) on Jun 20, 2013 [Edit](#)

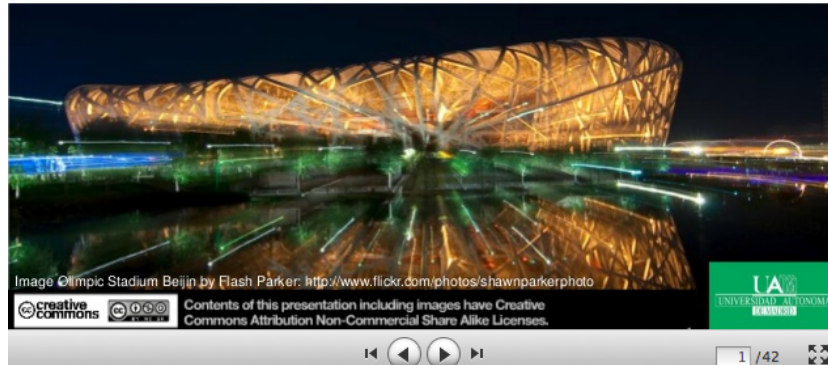
A research in progress on smart cities globally. We look at cases in China, Japan, Malaysia, United States and Spain within Europe. We are also working on an ecosystem of people interested in smart city development and policies we invite you to join at <https://plus.google.com/communities/108050236028662715756?partnerid=ogpy0>

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Olga Gil and Carmen Navarro

9<sup>th</sup> Transatlantic Dialog: Rebuilding Capacities for Urban Governance. Baltimore 12-15 June 2013



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in China, Iskandar Malaysia, Japan,  
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Olga Gil and Carmen Navarro



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## The smart citizen: Skills, social media and PLEs for education

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by Olga Gil, Ph.D on Aug 08, 2013 [Edit](#)

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# The Smart Citizen in Education #HigherEd

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Acces: <http://www.slideshare.net/olga.gil/the-smart-citizen-skills-social-media-and-ples-for-education>

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The Atlantic Cities

The People St program helps novices create a parklet, plaza, or bike parking area.

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Smart Cities Spain, Europe and the World is an ecosystem of people, firms, researchers and local leaders interested in smart city and smart citizens development and policies. Started by a team of researchers and practitioners at Universidad Autónoma de Madrid, TicWisdom.com and supported by Colegio Oficial de Ingenieros de Telecomunicación (COIT). Engaging with the industry and policy makers to advance smart city initiatives drawing on scientific knowledge from a comparative perspective.

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Contact us to take a more active participation on the entrepreneurial ecosystem contributing to value creation & capture.  
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
























































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Olga Gil and Carmen Navarro

9th Transatlantic Dialog: Rebuilding Capacities for Urban Governance. Baltimore 12-15 June 2013



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Smart Cities: China, Japan, Malaysia, United States, Spain

1,641 views

by Olga Gil, Ph.D on Jun 20, 2013 Edit

A research in progress on smart cities globally. We look at cases in China, Japan, Malaysia, United States and Spain within Europe. We are also working on an ecosystem of people interested in smart city development and policies we invite you to join at <https://plus.google.com/communities/108050236028662715756?partnerid=ogpy0>

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Olga Gil is a professor in social and political sciences researching and teaching on public policies for the XXI century (UAM) and political theory (UCM). She does research on smart cities, and the skills needed by citizens in smart contexts. She teaches in English and Spanish. Dr. Gil is in charge of the design and coordination of courses in social media and web tools for postgraduate teachers (2012-2013-2014) at Universidad Internacional de Andalucía. Olga is an expert on new technologies and education, innovation in education and learning through the live course. She is a reference in scientific publications on the Internet and digital media in Spain.

## Education

**Ph.D. in Social and Political Sciences. European University Institute, Florence. 2000. Thesis: The Politics of Telecommunications in the United States and Spain (1875-2000). Florence, Italy. Published by CIS (Madrid). AECPA Best Book Award 2003.**

**M.A. in Political Science, University of North Carolina at Chapel Hill, North Carolina, USA. Thesis: “Structuring Telecommunications Markets from the Brazilian and the United States Perspectives (1875-1994)”.**

**Postgraduate Certificate in Latin American Studies. University of North Carolina, Chapel Hill. 1994.**

**Bachelor Degree in Political Science (1987-1992) and Bachelor Degree in Journalism (1985-1990), Universidad Complutense de Madrid.**

**She also joined INSEAD (strategy), IESE (future finance) AND IE (project management) for specialization courses**

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# Open Cities and Natural Environment

Olga Gil and Julio Navío

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## !Muchas gracias!

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