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#SRCONF17

SHARING & REUSE CONFERENCE 2017

*Solving the European IT puzzle together*

29 March 2017 – Lisbon, Portugal




# Sharing and Reuse of e-Services at a large scale in Spain, challenges ahead

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1. Sharing Services at a Large Scale, **Why?**
  2. Sharing Services at a Large Scale, **How?**
  3. Sharing Services at a Large Scale, **Challenges?**
  4. Sharing Services at a Large Scale, **way ahead?**

# Sharing Services at a Large Scale, Why?

- **Cooperation**, interoperability, security in a complex environment
- **Opportunities** offered by cloud technologies
- **Break the gap** between entities with unbalanced resources
- **Economies of scale**. Efficiency and effectiveness



17 regional governments + 2 autonomous cities

> 8.000 local entities

13 Ministerial Departments  
> 100 Autonomous organisms

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Complexity and cooperation



# Sharing Services at a Large Scale, How?



## Legal

- Main *services* identified and **supported in legal framework**.
- **Promotion of reuse** through the legal framework.
- National **Interoperability** Framework & National Security **Framework**.
- **Adhesion of P.A.s to the platforms** provided by the Central Government.

## Organizational

- **Agreements signed** with regional govs on the use of the basic *services* for eGov.
- **Local entities** adhere to the agreement signed by their corresponding regional gov.
- Also with **Public Universities** (through their coordination body).

## Semantic

- **Coding** of administrative units and services; **Metadata Schema** for eDocuments.
- Specification for the **data intermediation platform (for OOP)**.

## Technical

- **Portfolio of services**, available many of them as **cloud services**.
- **Choices offered**: as cloud service, as web services, local installation, light client.

## Security

- There is a **National Security Framework** applicable to the whole Public Sector.
- Cert services provided by **CCN-CERT** and associated services.

# Sharing Services at a Large Scale, Challenges?

## Sustainability

- Sustain the **pace of growth**.
- Services, entity users, transactions, end users,...
- Entity users ask: *“Are we going to survive the success?”*

## Support

- Provide support to **developers and integrators**.
- Also to **end users**.

## Conditions of use

- **Mainly provided for free** to public bodies.
- Separate agreements for **payment when storage is needed**.

## Quality and security

- There is a demand of **SLAs** by entity users.
- **Compliance with National Security Framework**.

## Keep complexity of agreements under control

- Wide number of **agreements** burdensome to manage.
- Signature, follow-up, renewal...



Source: NASA

# Sharing Services at a Large Scale, the way ahead?

## Conditions of use of services

- Harmonization of **requirements & conditions** of use.

## Adhesion through electronic means

- Avoid signature of bilateral agreements.
- **Adhesion with 'one click'.**
- Example: adhesion to eInvoicing service called FACe.

## Participation of the private sector, knocking on the door

- **Providers on behalf of Public Administrations.**
- Private actors for their own services.

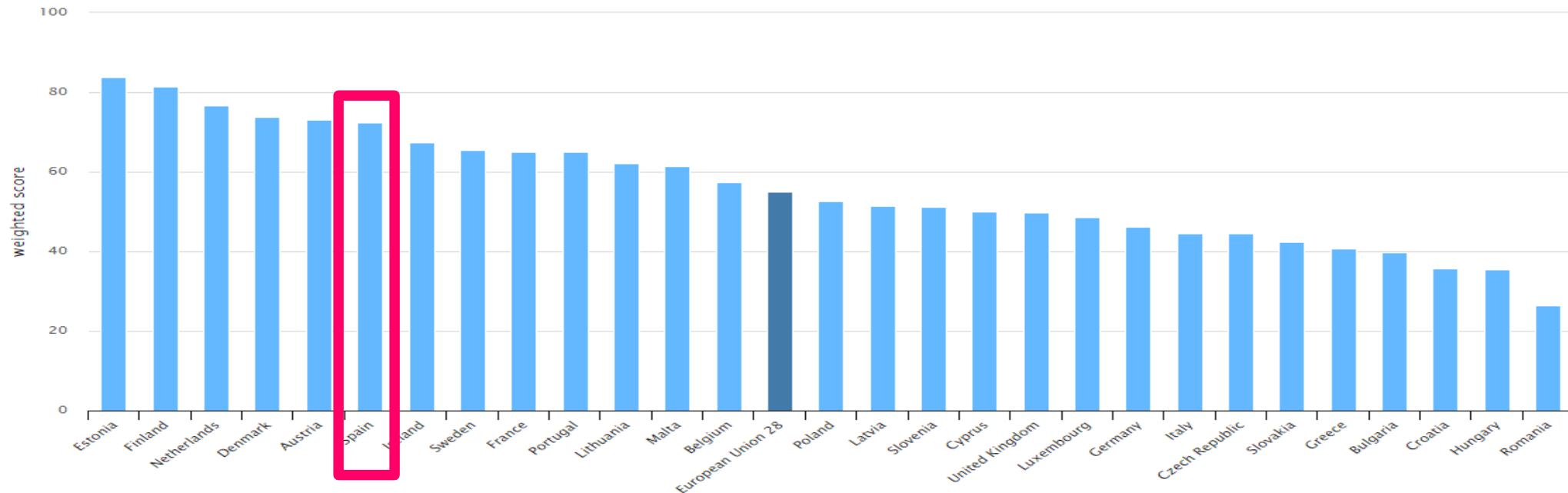
## Integration in *building blocks* & cross-border services

- **Integration in EU *building blocks* (CEF-Telecom, ISA<sup>2</sup>, ...).**
- Example: eIDAS node and national eID service called CI@ve.
- **Cross border access to base registries, ...**

## Keep cooperation and alignment

- **Keep strong cooperation.**
- **Keep alignment with EU** strategies, policies and actions.
- **Lessons learnt** from **ISA/ISA<sup>2</sup>** actions. Linking and reuse.



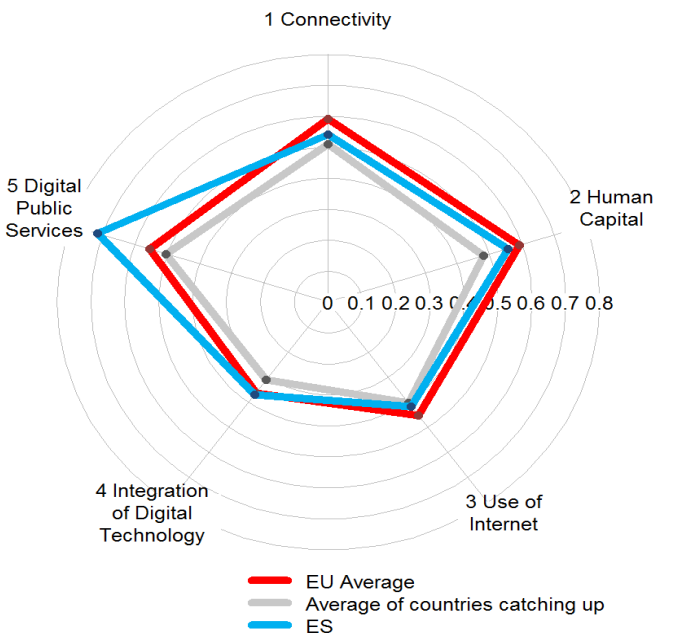
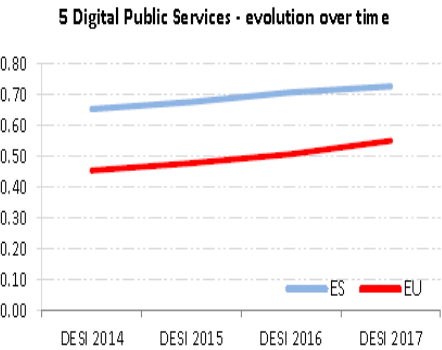


European Commission, Digital Scoreboard

5) Digital Public Services: Spain performs solidly above EU average in the delivery of online public services and leads the rankings in Open Data.

	Spain				EU	
	DESI 2017 value	rank	DESI 2016 value	rank	DESI 2017 value	
5a1 eGovernment Users % internet users (last year)	40% 2016	↑ 11	38% 2015	11	34% 2016	
5a2 Pre-filled Forms Score (0 to 100)	67 2016	↓ 10	68 2015	9	49 2016	
5a3 Online Service Completion Score (0 to 100)	89 2016	↓ 11	91 2015	7	82 2016	
5a4 Open Data <sup>a</sup> % of maximum score	91% 2016	↑ 1	82% 2015	1	59% 2016	

5 Digital Public Services	Spain		Cluster	EU
	rank	score	score	score
DESI 2017	6	0.72	0.59	0.55
DESI 2016	5	0.71	0.56	0.51





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# Many thanks for your attention

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