



European Week of  
Regions and Cities

Brussels  
10-13 October 2016

# Beyond the barriers to foster Digital Single Market

As Trentino is building  
a data-driven Public Administration

[francesca.gleria@provincia.tn.it](mailto:francesca.gleria@provincia.tn.it)  
Brussels - 12th October 2016



# Quick view

- Trentino is an Autonomous Province since 1948 (same autonomous status of South Tyrol/Alto Adige)
- 6.233 km<sup>2</sup> (2% of whole Italy)
  - 20% above 2.000 m
  - 10% below 500 m
  - 65% forest
- 537.000 inhabitants (86,7 inhab/km<sup>2</sup>)
- 177 Municipalities
- 90% of local taxes are retained
- Per-capita GDP: 30.700 Euro
- Public investment in R&D: 1,2% of GDP





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# Let's introduce ourself



## Autonomous Province of Trento



## Trentino Municipalities Consortium

# Close collaboration with



## Autonomous Province of Bolzano



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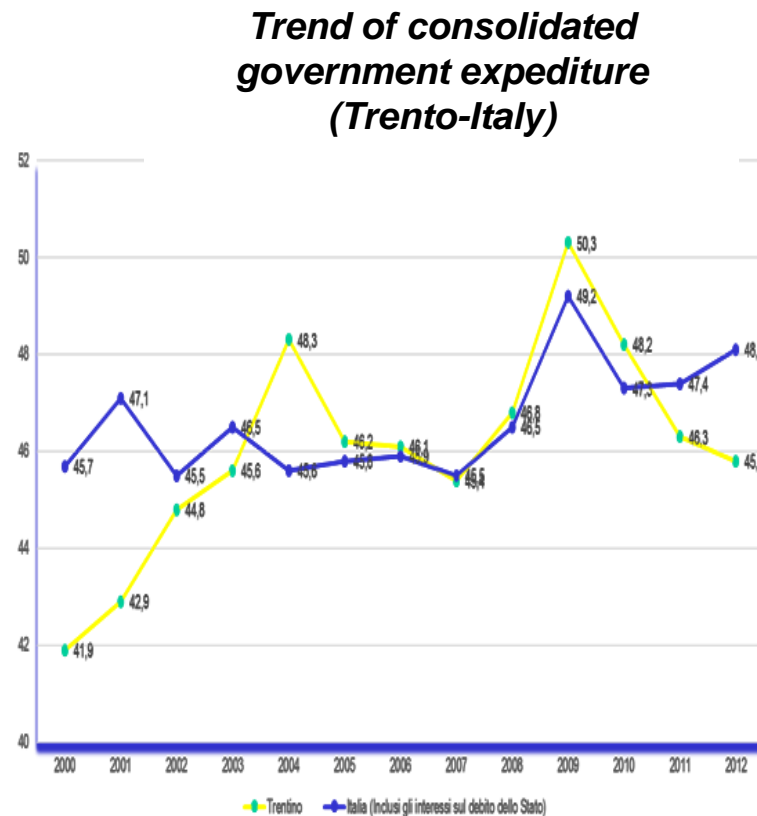
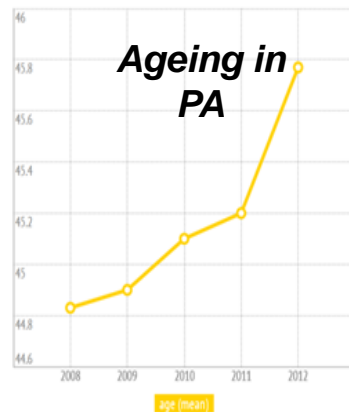
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In which way we have started in 2012

Public administration was and is still facing  
some structural, organizational  
and political problems



# Budget and resources decreasing



External  
Knowledge

Subsidiarity

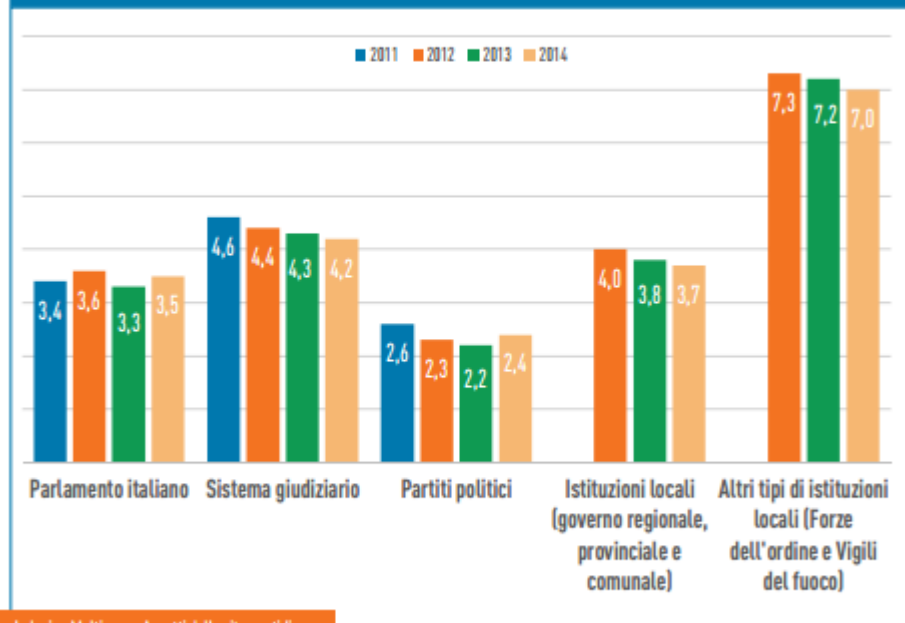
Open  
innovation

Communities



# Political legitimacy decreasing

ISTITUZIONI MOLTO AL DISOTTO DELLA SUFFICIENZA: IN LEGGERA RIPRESA LA FIDUCIA NEL PARLAMENTO E NEI PARTITI POLITICI



Fonte: Indagine Multiscopo Aspetti della vita quotidiana

Participation is needed

Participants need information

Data is information

Public Data must be shared



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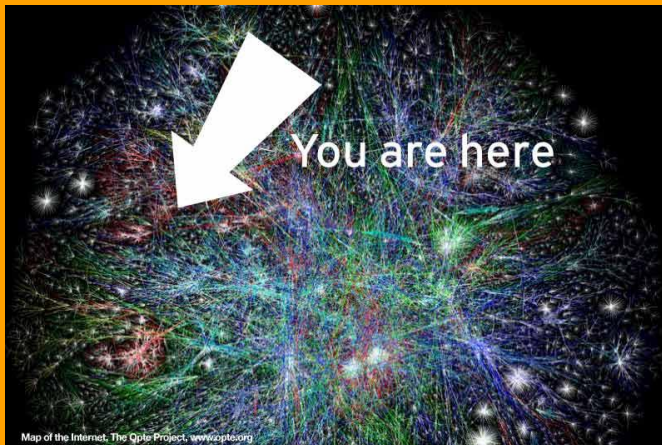
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# Complexity and Technological changes

Public Administration needs knowledge

Monitoring the fast change trends  
Speedup plans and programme,  
big data analysis needed

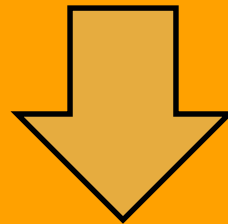




In our offices we produce data



Data has economic value



So data-driven Public Administration could  
**became the turning point**





Data is a “strange” economic resource

It doesn't consume itself while get used

Its value increase while you use it

Its value increase when you match it with  
other data



This means

- more you are able to cross “external” and “internal” borders of PA
- more value has your data



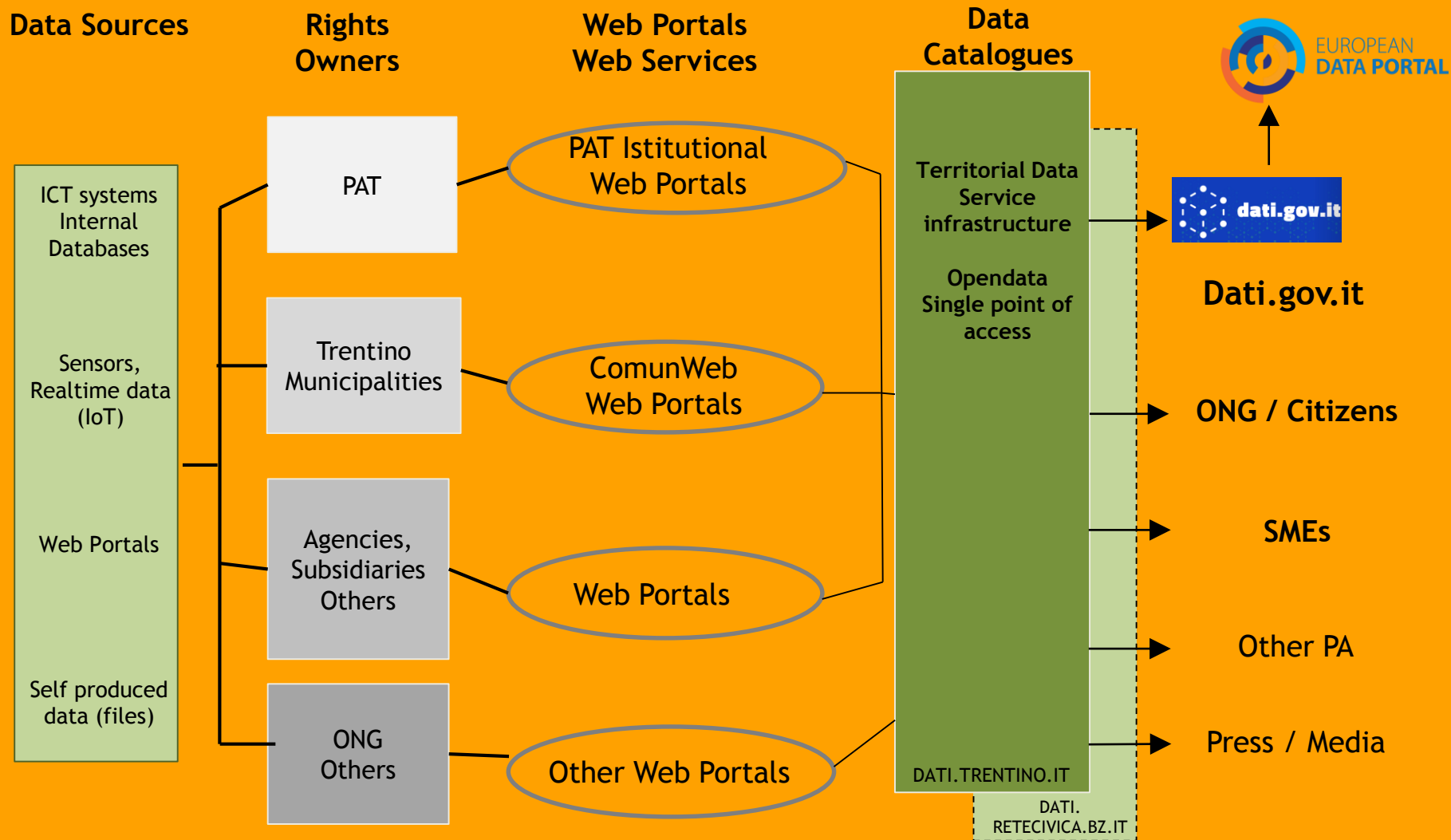
## Actions to be made

- break-up “data silos”
- find out how to interoperate with others, go cross border
- learn to speak different languages
- mix organizational cultures
- increase data value awareness



## What we are doing

- learn how to produce good (quality) data
- looks for standard -> than apply them!
- share knowledge, solutions, practices with others administrations (municipalities, regions, national level, european level, research centers)
- learn from EU program (ISA2) and solutions (EDP) toward DSM strategy

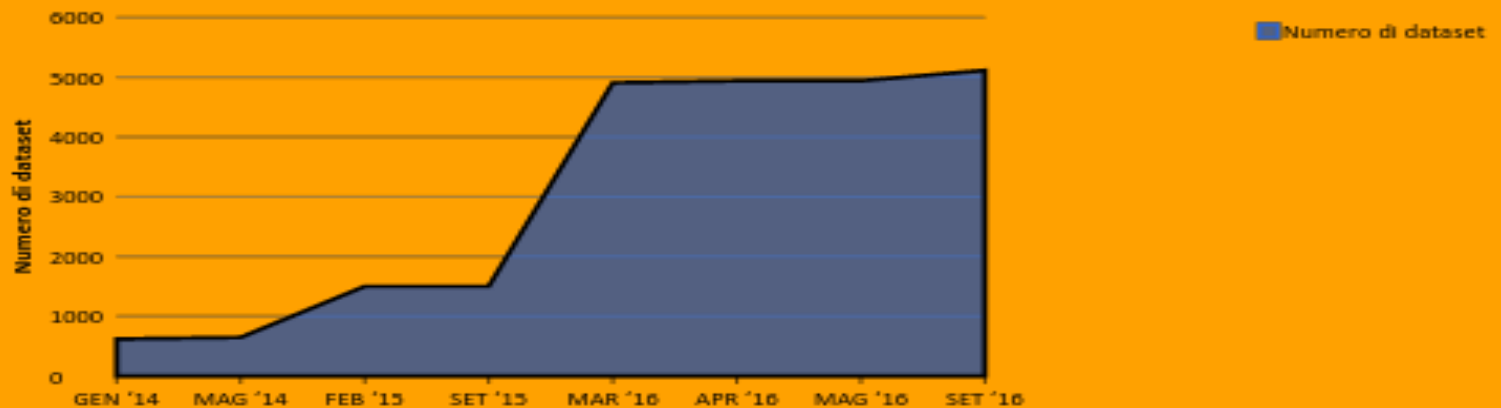




## dati.trentino.it - web analytics

	JAN '14	MAY '14	FEB '15	SEP '15	MAR '16	APR '16	MAY '16	SEP '16
Number of dataset	619	645	1500	1501	4905	4939	4940	5115
View Sessions	20798	21845	33428	49434	63157	67488	69139	80183
Unique Visitors	12044	12081	20620	32696	41645	44764	45995	54326
Page Views	113503	119919	191622	271734	332995	353910	360349	405297
Unique Page View	79239	83749	133777	190111	232929	247688	252256	283977
Dataset Views	38584	41582	71566	108779	141612	151784	154724	176286
Downloaded Dataset(est.)	3900	4153	6508	9495	11950	12748	13003	14799

## dati.trentino.it - number of dataset





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## How the idea of DSM became something real in Brentonico 4.000/inhab 698m/h

COMUNE DI BRENTONICO

OPEN DATA | PRIVACY E NOTE LEGALI

Cerca

Login | Stampa | A A A

Open Data > I dataset disponibili

I dataset disponibili

di Mercoledì, 24 Febbraio 2016

In questa sezione trovi i dataset pubblicati dal Comune.

[Statuti del Comune di Brentonico](#)

[Servizi del Comune di Brentonico](#)

[Regolamenti del Comune di Brentonico](#)

[Luoghi e punti di interesse del Comune di Brentonico](#)

Dati Aperti del Trentino

I dataset disponibili

Informazioni per i programmatori

L'amministrazione e gli Open Data

L'iniziativa Open Data in Trentino

Normativa di riferimento



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## How the idea of DSM became something real in Brentonico 4.000/inhab 698m/h

The screenshot shows the European Data Portal interface. At the top, there's a search bar with the text 'Zoek in portaal' and a magnifying glass icon. Below the header, a navigation bar contains links: 'Wat we doen', 'Data verstrekken -', 'Data gebruiken -', 'Bibliotheek -', and 'Data -'. The main content area is titled 'Datasets' and features a sidebar on the left with filters: 'Filter naar locatie' (with a map), 'Catalogi' (listing 'Open Data Trentino (28)'), 'Categoriën' (with a note 'Er zijn geen Categoriën die overeenkomen met het gezochte'), and 'Tags' (listing 'statuti (1)' and 'sovvvenzioni e contr... (1)'). The main search results area shows '28 datasets gevonden voor "brentonico"'. A search bar contains 'brentonico' and a magnifying glass icon. Below the results count, there's a 'Sorteer op:' dropdown menu set to 'Laatst gewijzigd'. The results list includes three entries, all from 'Open Data Trentino | 5 september, 2016', each with 'JSON' and 'CSV' download options:

- Rollen en lijsten van de Comune di Brentonico**  
Alle registers en lijsten die worden gepubliceerd op de officiële website van de gemeente Brentonico
- Mededelingen van de Comune di Brentonico**  
Alle aankondigingen bekendgemaakt op de officiële website van de gemeente Brentonico
- Aanbestedingen van de Comune di Brentonico**  
Alle aankondigingen bekendgemaakt op de officiële website van de gemeente Brentonico





## **The municipalities platform (ComunWeb) is now integrated with the provincial web platform**

- give a model to information and data of your websites
- no information lost, don't throw away data!
- it serves 177 municipalities, 16 valley communities, 30 different organizational bodies in PaT



Web sites become a web-database that everybody can reuse, cross administration and outside (business) administration

It means that we are **structuring the PA information published** (for citizens!) **in the portals:** events, news, addresses, time schedules, public services



We are testing our model at different level of governance making reference to national and EU level

All basic information are transformed in reusable data harmonised with a public sector view and not only with a market/business view

This is our contribute to build shared data vocabularies for all published information in every public administration web portal



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Thank you !



PROVINCIA AUTONOMA DI TRENTO



Consorzio dei  
Comuni Trentini



TRENTINOSVILUPPO  
DEVELOPMENT AGENCY AND BUSINESS INCUBATOR

