



**PUBLIC ADMINISTRATION DATA**

# HOW PA DATA ARE PUBLISHED

## PUBLIC ADMINISTRATION DATA

In organising and offering public services, the PA collects and manages a great deal of data, documents and information...

[illegible]



From posted data to pin boards...





## PUBLIC ADMINISTRATION DATA

To online data published  
on the websites of the  
public entities  
that generate the data



## PUBLIC ADMINISTRATION DATA

An important principle:  
PA data are **public**,  
unless specifically **exempt**





## PUBLIC ADMINISTRATION DATA

**All citizens** are guaranteed the right to access public information.

This right is regulated by the **law**.



**IN WHAT FORM  
DO WE FIND THE DATA?**



## IN WHAT FORM CAN WE FIND DATA?

The data can be:

- Descriptive text
- Structured data files

### Unstructured text

work smarter, transforming our business models. Driving our competitive cost structure. Setting up end-to-end ownership. And making sure we make the most of our resources. IT creates the re-usable building blocks with which we assemble integrated solutions, and deliver the consulting that makes the technology work. Excellence is the minimum standard acceptable job description. Developer position with focus on MS Access application with components in MS Access, **SQL** Server, **ASP**, and **ASP** .Net, **Java**. Activities will include but not limit to the following: Develop/enhance systems base on requirements and analysis provided by customers. Perform Design, Coding, Unit Testing, and Documentation on assigned work. Provide guidance to other developer/testers in the same organization as needed. Resolve technical issues for customers with quick response and high quality. Attending technical and project management meetings. Help on enhancement/maintenance on legacy components. Communicate properly to both on-shore and off-shore partners at different time zones. Qualifications: The ideal candidate for this position will be someone who is a developer on server platforms and products. The candidate should have been through large and small projects and have worked with the full IT Software Development Life Cycle. The candidate should understand that design, unit test, documentation is part of the development effort. The candidate should also be flexible to help on enhancement/maintenance on legacy components that are written in **VB**, **PL/SQL**, **Oracle**. Required Experience: Must have 2 or 3+ years of experience on MS Access development along with other required skill sets listed below. Must have 2+ years of experience **SQL** and **ASP** .NET. Should be able to work independently with minimum supervision and have the ability to use his/her analytical skills to solve problems. Required Skills & Training: Fluency in MS Access VBA development. Fluency in **SQL**, **ASP** .Net, & Versatile in **SQL** Server 2000 development tool set including DTS, BCP, stored procedures, TSQL, etc. Versatile in DOS **VB** scripting. Required Availability & Location: This is an off-shore position in Shanghai, China. The candidate will work with the development team in Houston, USA. The candidate must be available for occasional evening Central US time phone conference with Houston, USA to resolve issues or gather requirements. Additional Desired Experience, Skills, and Training: Informatica, **Oracle**, Business Objects, **C**, **C++**, **Java**, **VB**.

### Structured text

Message	Parameters	Results	Multiple Data
System	2005-01-02	0	Database info
System	2005-01-02	6	Database info
System	2005-01-02	11	Database info
System	2005-01-02	21	Database info
System	2005-01-02	24	Database info
System	2005-01-02	25	Database info
System	2005-01-02	27	Database info
System	2005-01-02	28	Database info
System	2005-01-02	29	Database info
System	2005-01-02	30	Database info
System	2005-01-02	31	Database info
System	2005-01-02	32	Database info
System	2005-01-02	33	Database info
System	2005-01-02	34	Database info
System	2005-01-02	35	Database info
System	2005-01-02	36	Database info
System	2005-01-02	37	Database info
System	2005-01-02	38	Database info
System	2005-01-02	39	Database info
System	2005-01-02	40	Database info
System	2005-01-02	41	Database info
System	2005-01-02	42	Database info
System	2005-01-02	43	Database info
System	2005-01-02	44	Database info
System	2005-01-02	45	Database info
System	2005-01-02	46	Database info
System	2005-01-02	47	Database info
System	2005-01-02	48	Database info
System	2005-01-02	49	Database info
System	2005-01-02	50	Database info
System	2005-01-02	51	Database info
System	2005-01-02	52	Database info
System	2005-01-02	53	Database info
System	2005-01-02	54	Database info
System	2005-01-02	55	Database info
System	2005-01-02	56	Database info
System	2005-01-02	57	Database info
System	2005-01-02	58	Database info
System	2005-01-02	59	Database info
System	2005-01-02	60	Database info
System	2005-01-02	61	Database info
System	2005-01-02	62	Database info
System	2005-01-02	63	Database info
System	2005-01-02	64	Database info
System	2005-01-02	65	Database info
System	2005-01-02	66	Database info
System	2005-01-02	67	Database info
System	2005-01-02	68	Database info
System	2005-01-02	69	Database info
System	2005-01-02	70	Database info
System	2005-01-02	71	Database info
System	2005-01-02	72	Database info
System	2005-01-02	73	Database info
System	2005-01-02	74	Database info
System	2005-01-02	75	Database info
System	2005-01-02	76	Database info
System	2005-01-02	77	Database info
System	2005-01-02	78	Database info
System	2005-01-02	79	Database info
System	2005-01-02	80	Database info
System	2005-01-02	81	Database info
System	2005-01-02	82	Database info
System	2005-01-02	83	Database info
System	2005-01-02	84	Database info
System	2005-01-02	85	Database info
System	2005-01-02	86	Database info
System	2005-01-02	87	Database info
System	2005-01-02	88	Database info
System	2005-01-02	89	Database info
System	2005-01-02	90	Database info
System	2005-01-02	91	Database info
System	2005-01-02	92	Database info
System	2005-01-02	93	Database info
System	2005-01-02	94	Database info
System	2005-01-02	95	Database info
System	2005-01-02	96	Database info
System	2005-01-02	97	Database info
System	2005-01-02	98	Database info
System	2005-01-02	99	Database info
System	2005-01-02	100	Database info

## IN WHAT FORM CAN WE FIND DATA?

Structured and non-structured data can sometimes appear in the same document

### documento informativo

#### 5. Aree oggetto di intervento

L'Amministrazione intende ottenere la massimizzazione della copertura delle popolazioni presenti nelle aree territoriali riportate nel presente allegato.

Le Aree hanno in maniera non esaustiva le seguenti caratteristiche:

- comuni o località (aree sub comunali) in cui non è offerto un servizio a banda larga;
- comuni o località (aree sub comunali) dichiarati parzialmente coperti da un operatore;
- comuni o località (aree sub comunali) presso i quali il servizio offerto non ha statura tecnico-economica soddisfacente.

Tale caratteristica si sintetizza nella circostanza secondo la quale una area è classificata con Bianca o Grigia nella quale l'intervento pubblico è ammissibile.

Nelle tabelle sono contenute anche aree grigie per le quali si prevede di effettuare ulteriori approfondimenti al fine di certificarne lo stato.

La lista delle aree potrà essere aggiornata o/o integrata in base agli esiti della consultazione periodica.

In alcune Aree è o sarà presente infrastruttura pubblica realizzata da Infratel mediante finanziamenti MISE, Comunitari o/o Regionali. Detta infrastruttura è costituita da rilegamenti ottici che sono disponibili agli operatori alle condizioni definite da AGCOM. Informazioni di dettaglio sono disponibili sul sito [www.infratelitalia.it](http://www.infratelitalia.it).

N.	Codice unico Infratel	Provincia	Comune	Località	Latitudine	Longitudine	Presenza di infrastruttura pubblica
1	ANCO22413/ITA6420020	Ancona	Ancona	Casa sparse	43,55428	13,58032	S
2	ANCO22413/ITDM420020	Ancona	Ancona	Gallignano	43,56229	13,42636	S
3	ANCO22413/ITCD420020	Ancona	Ancona	Grottarelli	43,58146	13,46193	
4	ANCO22413/ITA6420020	Ancona	Ancona	Poggio	43,55633	13,57985	S
5	ARCV22423/ITA6420030	Ancona	Ancona	Casa sparse	43,57421	12,95643	
6	ARCV22423/ITA6420030	Ancona	Ancona	Casa sparse	43,56674	12,92331	S
7	ISG22421/ITA6420030	Ancona	Ancona	Casa sparse	43,69941	12,91831	
8	ARCV22423/ITA6420030	Ancona	Ancona	Le Moie	43,54807	12,90293	S
9	ARCV22423/ITA6420030	Ancona	Ancona	Loretello	43,57165	12,94521	
10	ARCV22423/ITA6420030	Ancona	Ancona	Palazzo	43,53745	12,92213	S
11	ARCV22423/ITA6420030	Ancona	Ancona	Piticchio	43,54138	12,97462	
12	ARCV22423/ITA6420030	Ancona	Ancona	Piticchio	43,54138	12,97462	
13	ARCV22423/ITA6420030	Ancona	Ancona	Ripetta	43,56263	12,9676	
14	OSHA22431/ITCA200100	Ancona	Castelfidardo	Acquariva-Villa Mazzone	43,45176	13,59085	
15	OSMA22430/ITBN420100	Ancona	Castelfidardo	Acquariva-Villa Mazzone	43,45176	13,59085	S

testo libero  
dati  
non strutturati

tabella  
dati strutturati



## IN WHAT FORM CAN WE FIND DATA?

### ADMINISTRATIVE DATA



### STATISTICAL DATA





## IN WHAT FORM CAN WE FIND DATA?

### **Administrative data**

are representations of reality and are collected and managed by public offices for providing services.

They are designed for the public records, land registry or financial statements, for example.





## IN WHAT FORM CAN WE FIND DATA?

**Statistical data** come from censuses, surveys and processing of administrative data.

Processing is carried out on a sample or on the population of the entities/individuals studied. The collection, processing and analysis follows a precise methodology to assure the quality of the results.



# HUNTING FOR DATA!



## HUNTING FOR DATA!

# Where do we start to look?

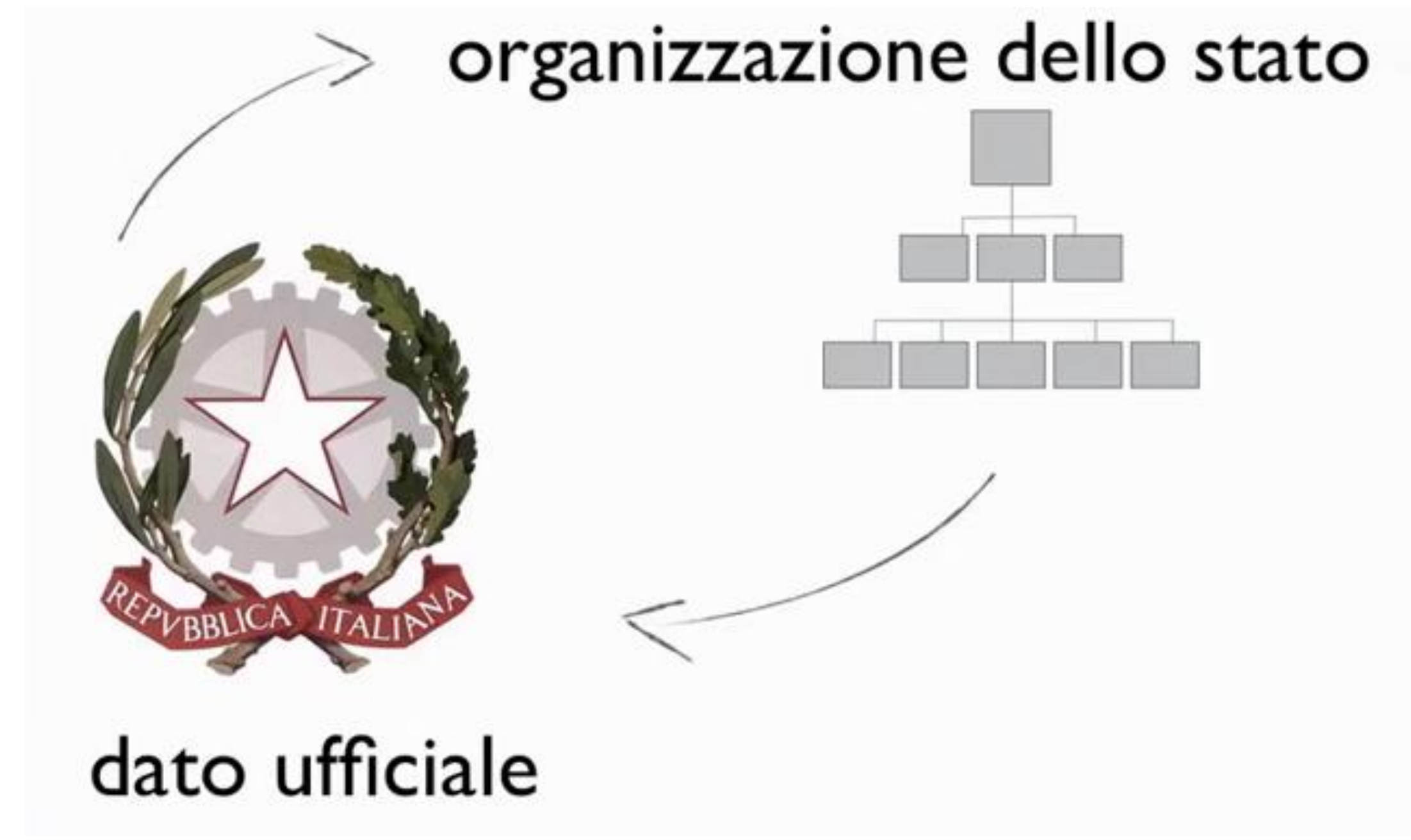
First of all,  
on Public  
Administration  
websites...



## HUNTING FOR DATA!

To identify the source, you need to know:

- how the PA works
- what are the tasks of its management levels



## HUNTING FOR DATA!

... and if we do not find the data we are looking for?

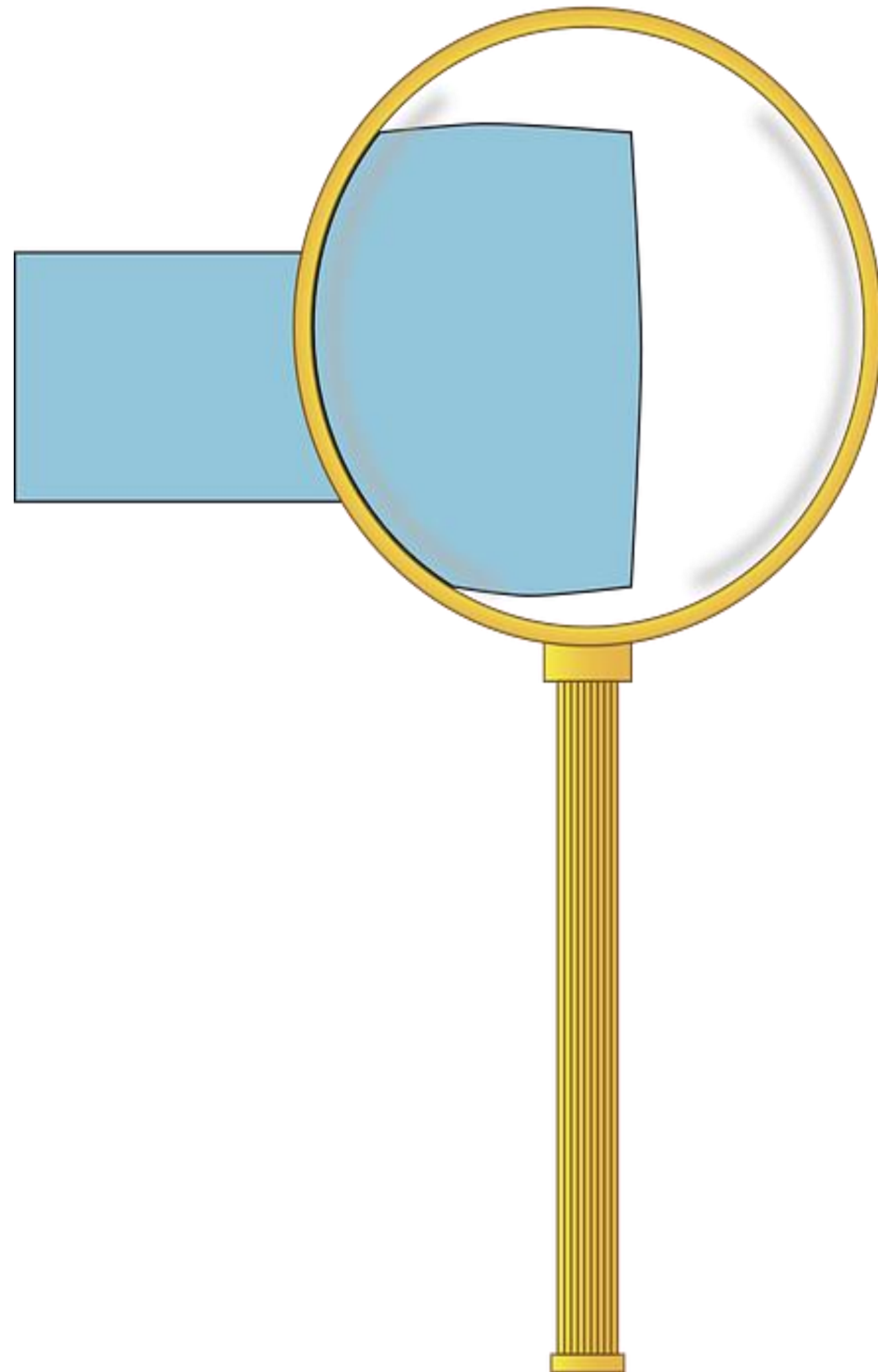


**Follow other routes**

Some examples...



## HUNTING FOR DATA!



### CASE 1

**The data cannot be found on the website of the relevant office...**

- ✓ check that it is the right office for generating the data
- ✓ find the details on...

## HUNTING FOR DATA!

- ✓ Find an alternative data source
- ✓ Try to build a comparative (international) analysis of the topics you are interested in, for example by having a look at:  
<https://data.europa.eu/euodp/en>, or even <http://www.data.gov>
- ✓ Use a search engine (e.g. Google) and enter the keywords of the chosen topic (e.g. “traffic” or “environment”) together with “data” or “opendata”



## CASE 2

**I found the information  
but it does not seem complete**

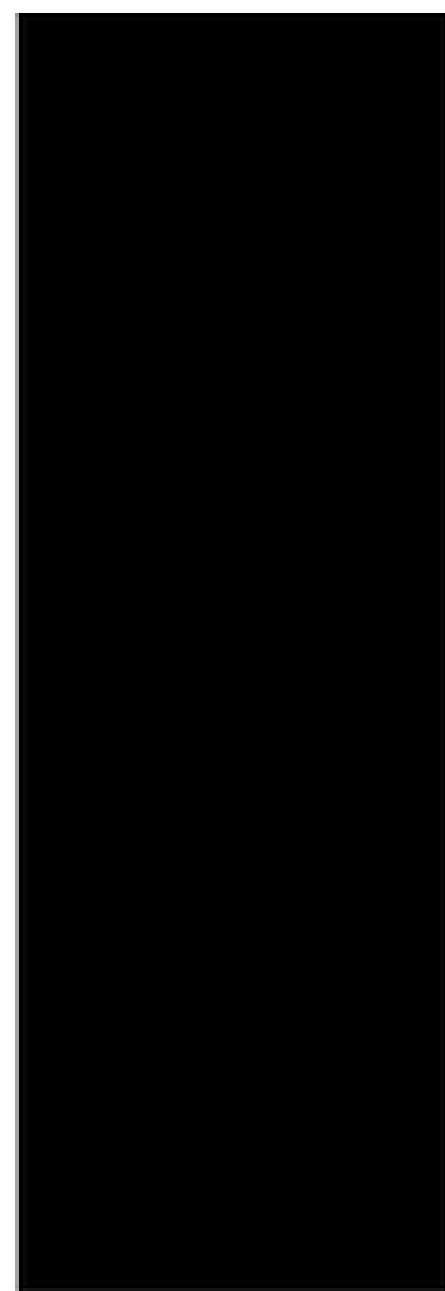
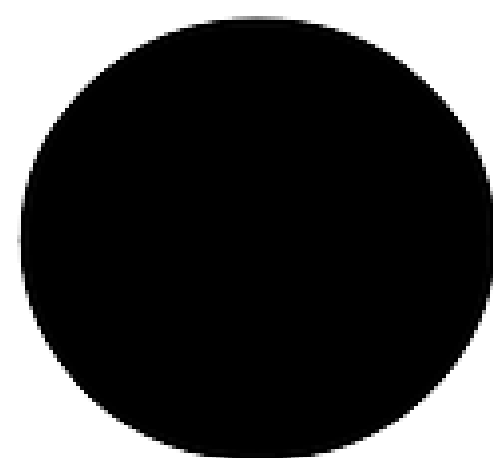
It's possible that the required data  
are generated by more than one entity  
and can be found in different places.



## HUNTING FOR DATA!

Reconstruct the chain of information to understand which are the data sources





### CASE 3

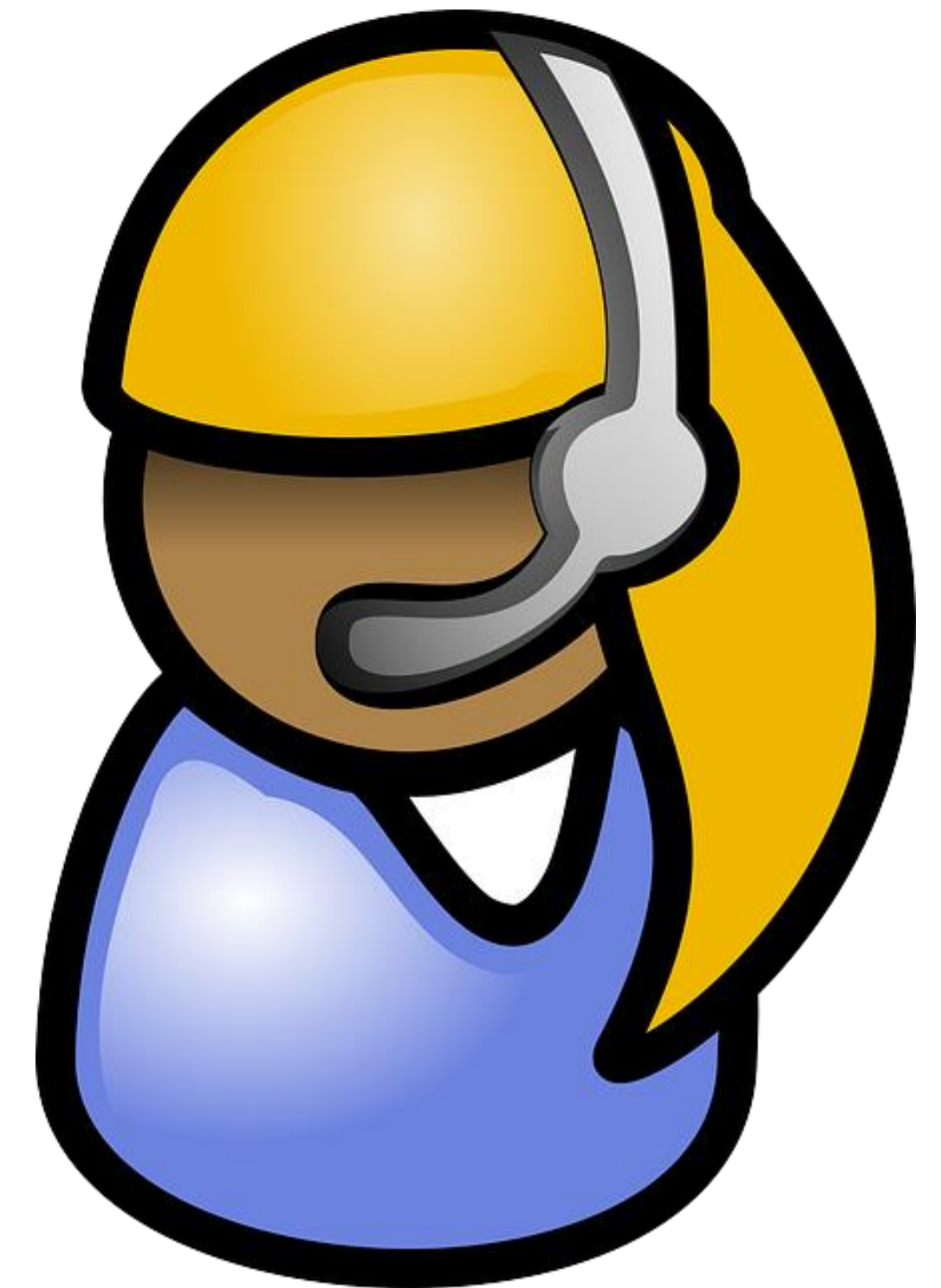
**The data are not published online  
or are not up to date**

Not all offices publish or update  
the data for various reasons, from inertia to the  
cost of digitisation  
or presentation of information

## HUNTING FOR DATA!

If the PA has failed to publish information, a person may request what he or she is looking for, asking for it to be published.

Try to call the offices, it might work!





Many countries in the world have adopted shared rules on transparency of PA information, enshrined in law as a **FOIA (Freedom of Information Act)**.

# PRACTICAL ADVICE

## HUNTING FOR DATA!

1

Usually the higher you go in government levels, the more frequently you find actions relating to the entire national territory, or relating to a long period (long-term planning)



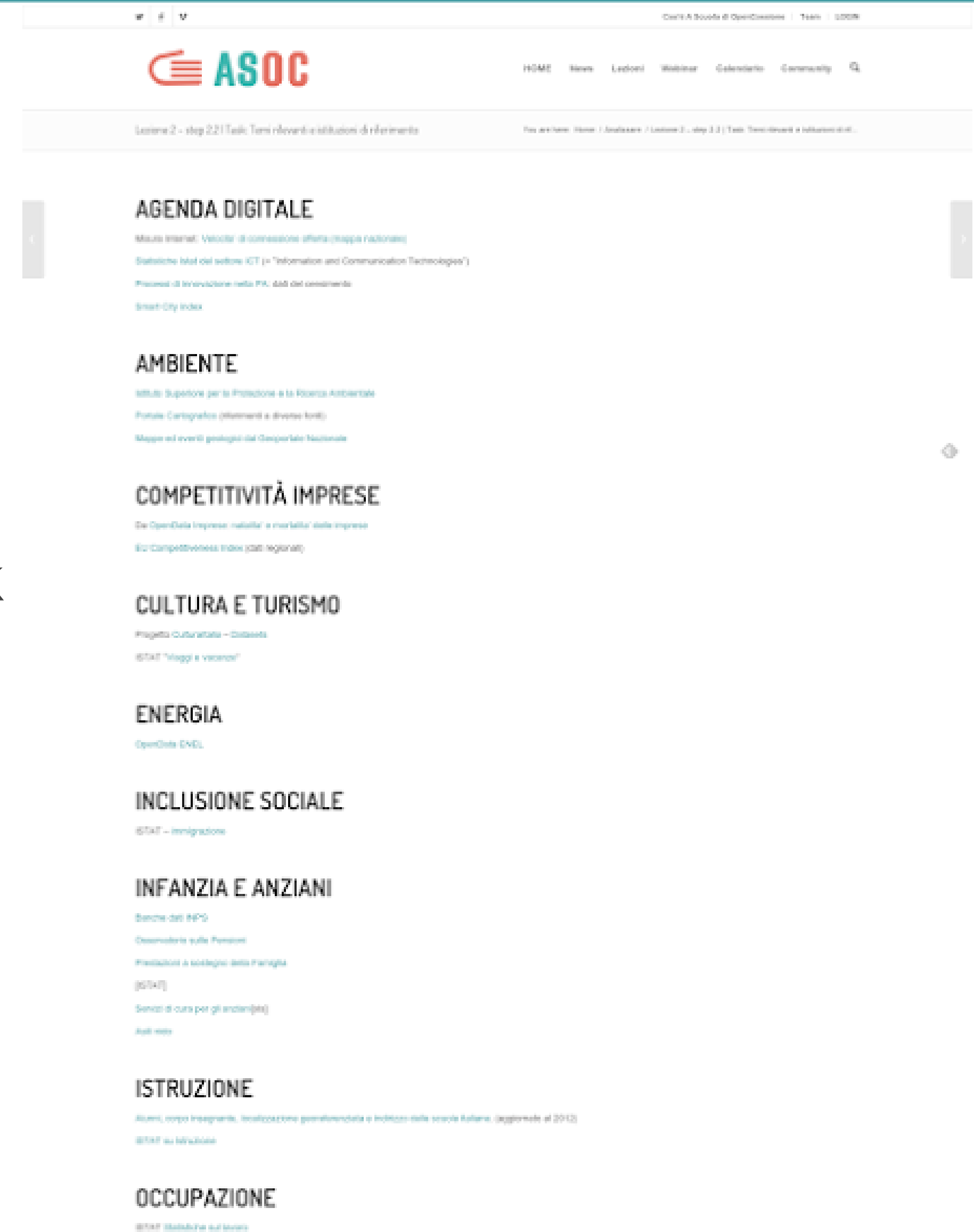


# HUNTING FOR DATA!

2

Don't be satisfied!

Cross information and diversify sources: your research must seek to be rich and contextualised.



## HUNTING FOR DATA!

3

Pay attention to the quality of the source: always check that sources are reliable. Data do not always come from public sources alone. Especially where they come from private entities, check for completeness and accuracy.

Lastly... **always cite your sources!**





**PUBLIC ADMINISTRATION DATA**