



TED data - public procurement in the EU and beyond

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Overview

- What has to be published in TED
- Who publishes in TED
- Key facts on TED data
- Procurement data on EU Open Data Portal
- How is TED data used
- How can TED data be used
- Main current data quality issues
- Future projects



What notices must be published in TED?

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- From EU member states, candidate countries, EEA countries, and Switzerland
 - Works, supplies, services
 - Utilities

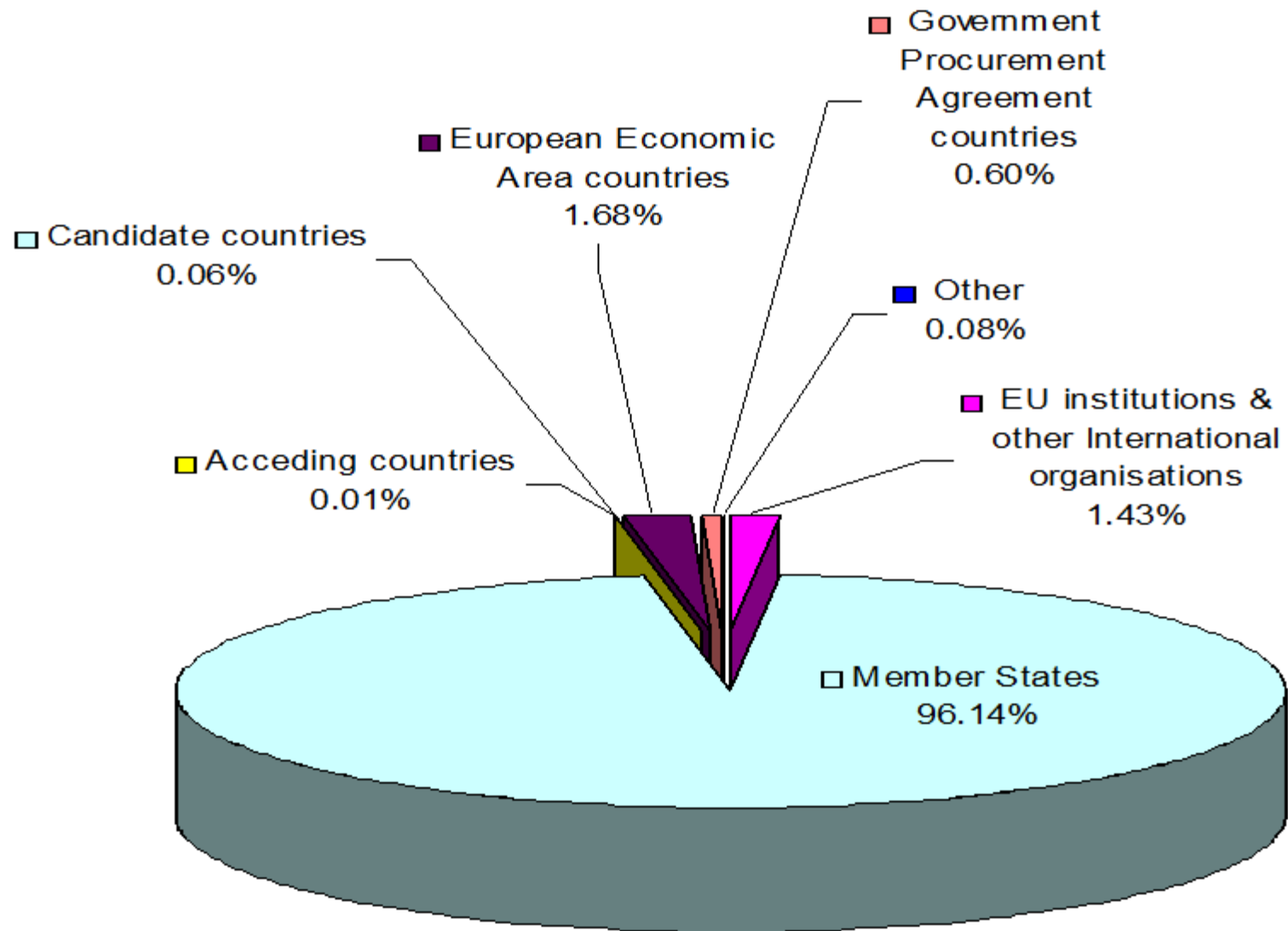
- From the EU institutions, agencies and other bodies
 - Works, supplies, services
 - Calls for expression of interest
 - Annual list of contractors

- Notices for projects financed by:
 - European Investment Bank
 - European Investment Fund
 - European Central Bank
 - European Bank for Reconstruction and Development
 - External Aid and European Development Fund



Who publishes in TED?

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Key facts on TED data

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■ TED content in figures

- +/- 520 000 notices published/year
- Approximately € 460 billion worth calls for tenders/year
- More than 47 million notices consulted/year

■ Data formats available

- TED website: HTML, PDF, XML since 2011
- FTP : since 1993 (formats availability according to the year of publication)

■ Number of downloads

- 21 000 from website
- 1 168 000 from FTP
- Total of 1 189 000 downloads
- Almost 100 000 per month





EUROPA > TED home > Advanced search

TED TED SIMAP TED eNotices TED eTendering

169 OJ S current
2017 Issue
Next update
06/09/2017

[Release calendar](#)

Browse by

- Business opportunities
- Business sector (CPV)
- Place of delivery (NUTS)
- Buyer

Search

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- What is RSS?

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Advanced search

Manage saved search ▼

Search scope ☐ Last edition ☒ All current notices ☐ Archives

Full text ?

text e.g. pipe* resp. "filling station"

Country ?

Type of document ?

Contract ?

Edition number ?

number/year e.g. 123/2009

Document number ?

No-year e.g. 135336-2005 or year/S ojs-no
e.g. 2014/S 175-309694

Publication date ?

date e.g. 13/10/2016

from

to

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EU public procurement data

- EU Open Data Portal

(<https://data.europa.eu/euodp/data/dataset/ted-1>):

a CSV sub-set of most important fields from contract notices and contract award notices since 2006 (DG GROW)

- Daily and monthly sub-sets of all published notices (TED)

- TED data is the most viewed data set of the EU Open Data Portal





Search datasets...

Show results with:

☒ all of these words | ☐ any of these words | ☐ the exact phrase ?

Suggest a dataset

Is there any data you would like to find on the portal?

Make a suggestion

Tenders Electronic Daily (TED) (csv subset) – public procurement notices

Publisher

Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs »

Description

A subset of Tenders Electronic Daily (TED) data covering public procurement for the European Economic Area, Switzerland, and the former Yugoslav Republic of Macedonia from 2006-01-01 to 2016-12-31 in comma separated value format. This data includes the most important fields from the contract notice and contract award notice [standard forms](#), such as who bought what from whom, for how much, and which procedure and award criteria were used.

Generally, the data consists of tenders above the [procurement thresholds](#). However, publishing below threshold tenders in TED is considered good practice, and thus a non-negligible number of below threshold tenders is present as well.

Please see the document below for important information on the data and its usage, including a version history of the export.

The European Commission is interested in the results of research on public procurement coming from the re-use of this data. Thus, we will be grateful to receive links to any papers, reports, or applications at GROW-G4@ec.europa.eu. To support the exchange of ideas, especially between practitioners and academics, the Commission hosts an [open wiki with ideas](#) for research questions and existing examples of reuse related to this dataset.

TED with broader coverage is also available in XML format at <https://data.europa.eu/euodp/en/data/dataset/ted-1>.

Licence:

[Legal Notice](#)

Keywords

TED
contract award notice
contract notice
public procurement

EuroVoc concepts

government bill
public administration
tendering
public finance
public accounting
purchase
governance
budgetary expenditure
budget

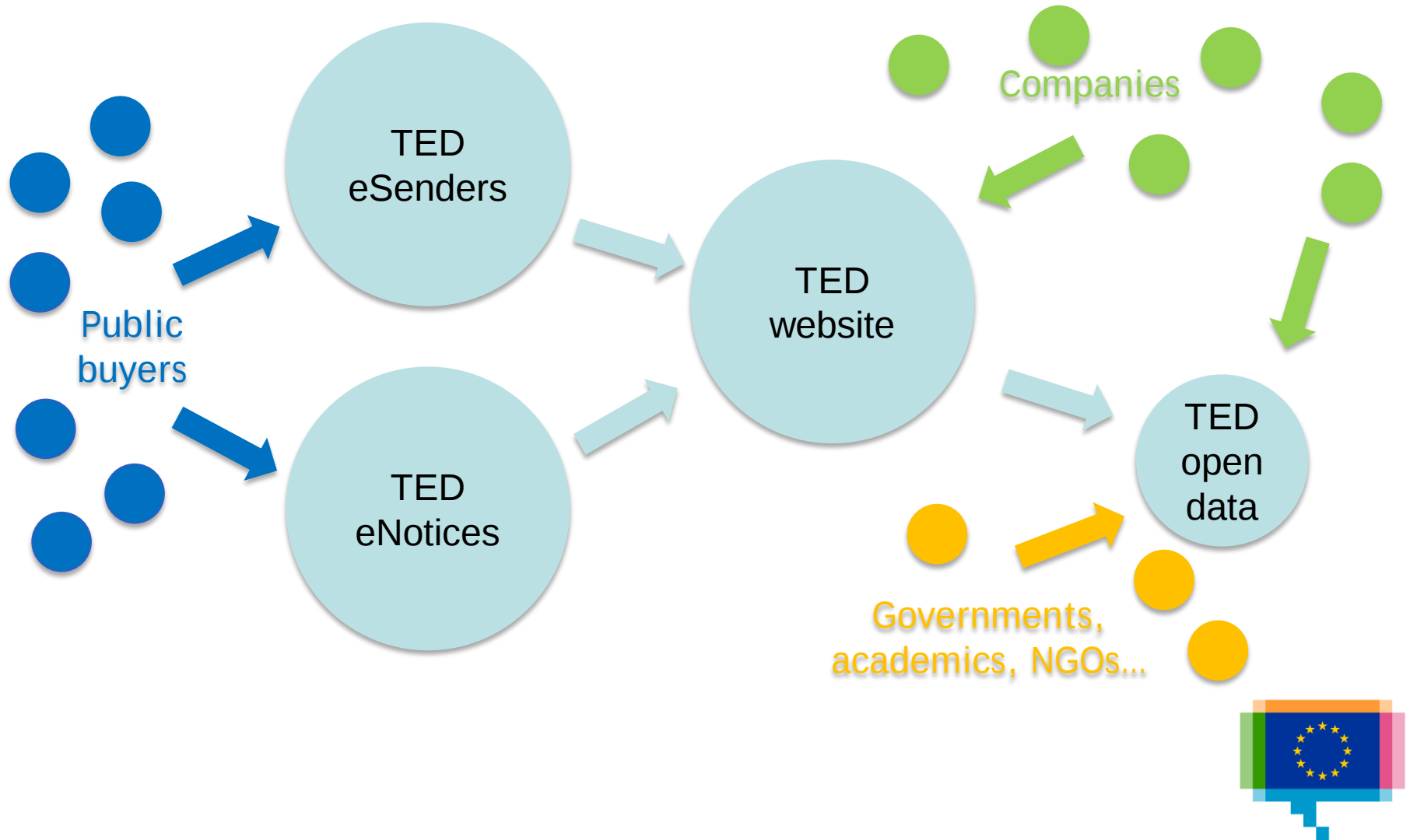
Catalogue record

Added to data.europa.eu/euodp



How is TED data used

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Single Market Scoreboard - DG GROW – TED data based

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1. One bidder
 - Shows lack of competition or too much bureaucracy
2. No calls for bids
 - Too much direct negotiations
3. Publication rate
 - Value of procurement advertised on TED (% of GDP)
4. Cooperative Procurement
 - Multiple buyers bulk purchasing leads to better prices
5. Award criteria
 - Not only on lower price, but takes quality into account
6. Decision speed
 - Slow awards create costs and uncertainty
7. Missing award values
 - No value of contract published
8. Missing Calls for Bids
 - Award without easy link to CfT
9. Missing Registration Numbers
 - No easy identification of who is buying

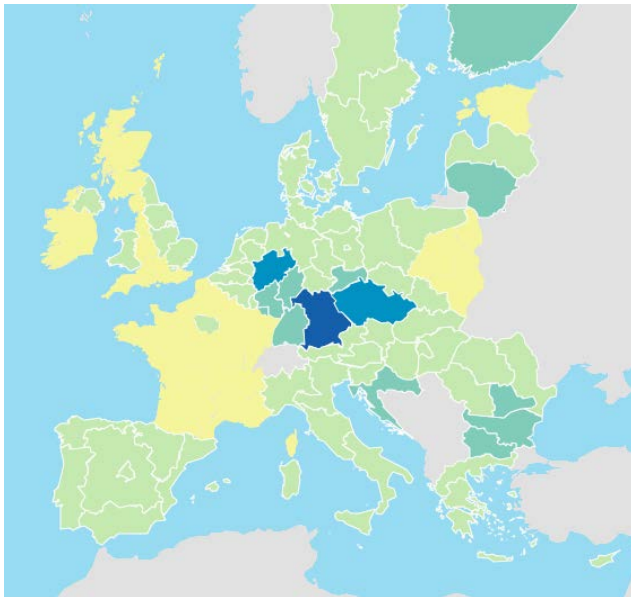
2. overall
(all 9 indicators combined)



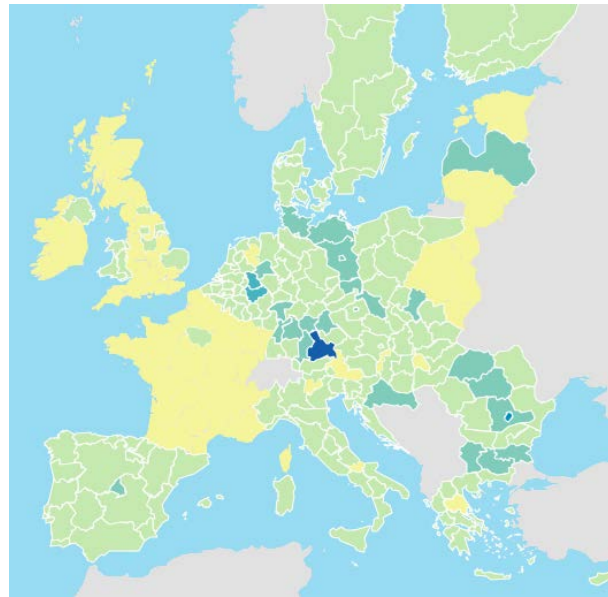
How can TED data be used

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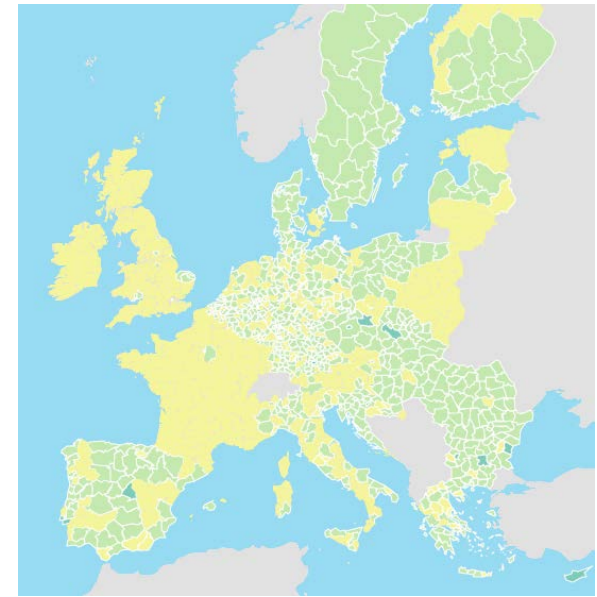
- A project to display the number of daily contract notices per geographical area (awaiting the new NUTS boundaries)



NUTS level 1



NUTS level 2

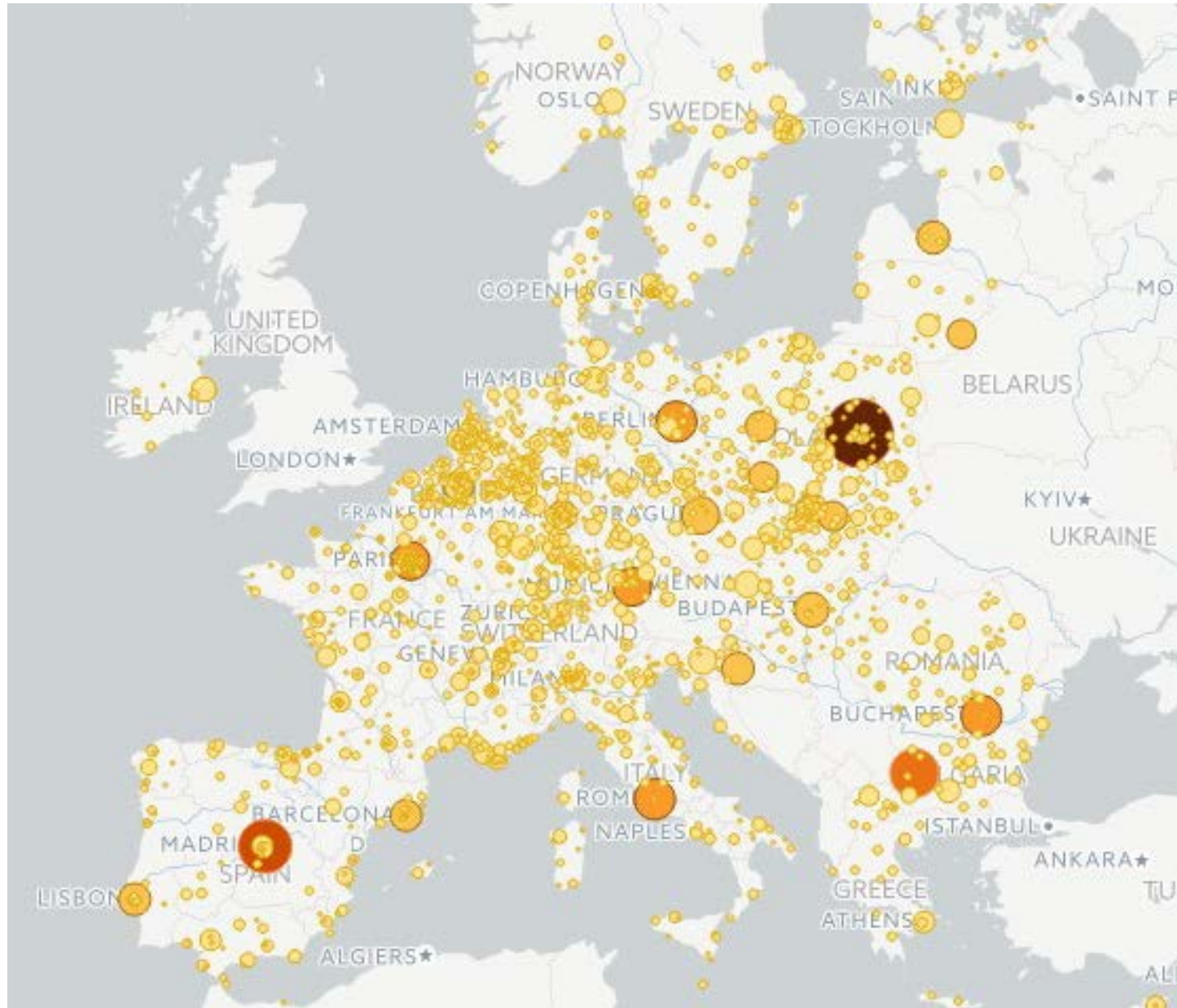


NUTS level 3



How can TED data be used

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Contract Award Notices Dashboard

Year: 2008 2009 2010 2011 2012 2013 2014 2015 2016
Month: 01 02 03 04 05 06 07 08 09 10 11 12
Country Selector: European Countries Non European Countries

Q Year...
2016/47
2016/46
2016/45
2016/44
2016/43
2016/42
2016/41
2016/40
2016/39
2016/38
2016/37
2016/36
2016/35
2016/34
2016/33
2016/32
2016/31
2016/30
2016/29
2016/28
2016/27
2016/26

Value of Awarded Contract

93,99T

Number of Awarded Contracts (CAN)

1 078 500

% of contracts awarded per sector

Sector	Percentage
General public services	34.6 %
Health	17 %
Autres	15.1 %
Environment	-
Not specified	-
Housing and community amenities	-
Education	-
Other	-

Top 10 awarded contracts

Contracting Authority Name	Value of Awarded Contracts (€)
Stadt Tönisv...	~45,000,000
Groupe hos...	~10,000,000
Kreis Minde...	~8,000,000
LHC	~5,000,000
Union des g...	~4,000,000
Ville du Mans	~3,000,000
NHS Supply...	~2,000,000
The Riversl...	~1,000,000
The Minister...	~1,000,000
STAMP	~1,000,000

Number of contracts awarded per country

Country Code	Number of Awarded Contracts (CAN)
AUT	~10,000
BEL	~15,000
BGR	~20,000
CYP	~5,000
CZE	~35,000
DEU	~165,000
DNK	~10,000
ESP	~50,000
EST	~5,000
FIN	~10,000
FRA	~230,000
GBR	~75,000
GRC	~10,000
HRV	~5,000
HUN	~10,000
IRL	~5,000
ITA	~55,000
LTU	~10,000
LUX	~5,000
LVA	~10,000
MLT	~5,000
NLD	~25,000
POL	~165,000
PRT	~5,000
ROU	~25,000
SKM	~5,000
SVK	~5,000
SVN	~5,000
SWE	~15,000



Main current data quality issues

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■ Challenges

- Missing or incomplete fields
- Wrong values : typos, wrong currencies, code errors (CPV, NUTS)
- No way to consolidate by contracting authorities (no unique ID)
- No way to consolidate by economic operators (no unique ID)
- Contract notice without contract award notice and *vice versa*
- Some countries publish fewer notices than their size would suggest
- A lot of corrigenda notices : about 14 %

■ Conclusion

- Aware of data shortcomings, with careful interpretation, use this unique data richness!



Future projects

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- Increase data quality (mandatory fields and controlled input)
- More information about tenders (e.g. structured tender values, awardee)
- More reuse formats (CSV and JSON)
- Keep offering raw TED data to reusers and add own data analytics



Thank you!

Questions?

