

DATLAB

**PROCUREMENT
DATA**

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Datlab at glance

Team of economic, legal & IT experts specializing on public procurement

2011 - buyers rating Zindex.cz based on Czech data

2013 - NGO + commercial vendor of procurement data, vsechnyzakazky.cz

2014 - pilot research on CZ + SK + HU data, launch tender.sme.sk

2016 - 2018 DIGIWHIST collecting below-threshold data from EU-28, EC, Norway, Switzerland, Georgia. Outputs at opentender.eu

2019 - launched tenderman.cz , kontrola.datlab.eu - building data-driven services for public buyers

2021 - vendor of below-threshold data to European Commission

Open Contracting data

Open Contracting Partnership = U.S. NGO pushing for accessible worldwide procurement data in single format.

- 2019 - 2021: we developed their core IT infrastructure (data collection, processing, validation)
- Hands-on experience with gathering 40+ sources worldwide (Latin America, post-Soviet, Asia, ..)
- **11/2022: we do a review of below-threshold data in EU for them**

Sources overview

Country	# Tenders	# Buyers	# Suppliers	Start Year	Tender Volume (mil. EUR)	Quality
Austria	38 274	4 476	17 924	2019	28 993	★
Bulgaria	142 791	47 151	88 239	2007	27 124	★★★★
Chille	990 000	26 356	32 332	2012	42 002	★★★★★
Croatia	229 661	3 261	4 861	2017	7 728	★★
Czechia	235 551	17 082	42 136	2006	175 243	★★★★★
Estonia	106 444	2 707	15 720	2008	31 394	★★★★
EU - TED	3 756 389	576 799	1 882 815	2006	5 854 581	★★★★
France	2 071 958	201 845	341 836	2005	732 099	★★★★★
Georgia	329 103	3 268	26 851	2011	2 145	★★★★
Hungary	191 508	10 772	34 700	2013	312 835	★★★★
Indonesia	1 811 007	4 506	182 007	2008	48 311	★★★★★
Ireland	101 228	6 056	0	2005		★★
Italy	2 079 149	172 373	3 135 888	2008	557 840	★

[... MORE](#)



Data quality and meaning

We get very different data from different systems.

What matters?

Definitions, methodology - **yes** (bids count, SME participation)

Input system design, rules - **YES** (cpvs, lot numbers, notice+award)

UX, plain understandability - **YES!** (prices, framework agreements)

Open data availability & relevance

- Most countries do not publish open data or content has lower quality and scope than original forms (CZ!)
- OCDS standard and new EC formats are likely solutions **with proper implementation**
- **Need for use-driven approach!**

(Do we need extremely detailed data on eCars? Are supplementary CPVs more important than winner & bidder identification?)

Use of the data

**Different uses
require different
data scope & quality**

Primary data users and uses

- **Companies** - new tenders, market research
- **Buyers** - market research, risk scoring (?)
- **NGOs, public** - watchdog, advocacy
- **Audit bodies** - risk identification, easier audit process
- **Policy makers** - KPI's, trends, market monitoring

Buyers - main source of data, yet low motivation. We turn it a bit with our tools.

Primary data uses

- **New tenders** - deadlines, documents, cpvs, description, changes
- **Market research*** - prices, dates, bidders
- **Watchdog (*?)** - winners, procedure details
- **Audit bodies*** - winners, procedure details
- **KPI's, trends** - depends. Nearly everything.

*= high sensitivity on data quality

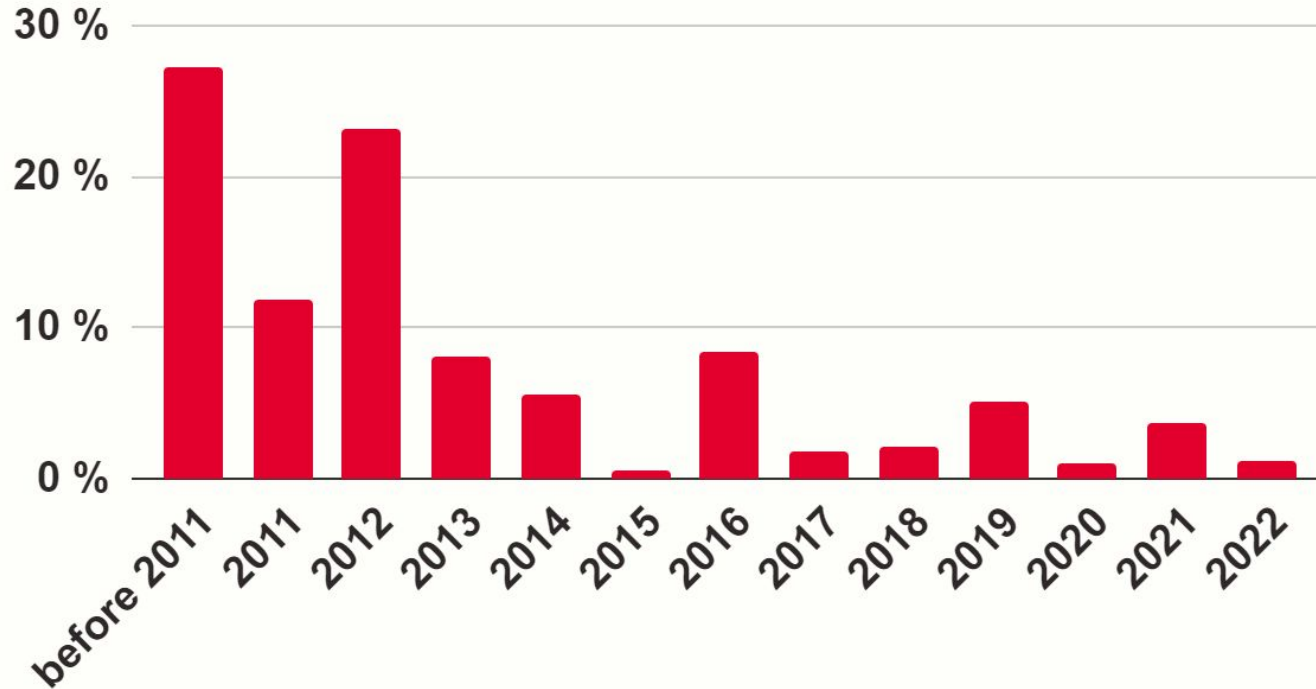
Zindex & Kontrola experience

- Performance statistics and red flags for individual buyers
- High level of scrutiny and push for data quality
- Czech + Slovak experience

Example - lets run though Zindex.cz (“box of wine” awarded to Ostrava) and data quality

<https://www.zindex.cz/submitter/8218/period/22/statutarni-mesto-ostrava/2022>

CZ - 2022 market share by supplier first contract



- Chances of above-threshold contract getting won by company younger than 10 years is 38 %
- **Data quality: Bidder identification!**

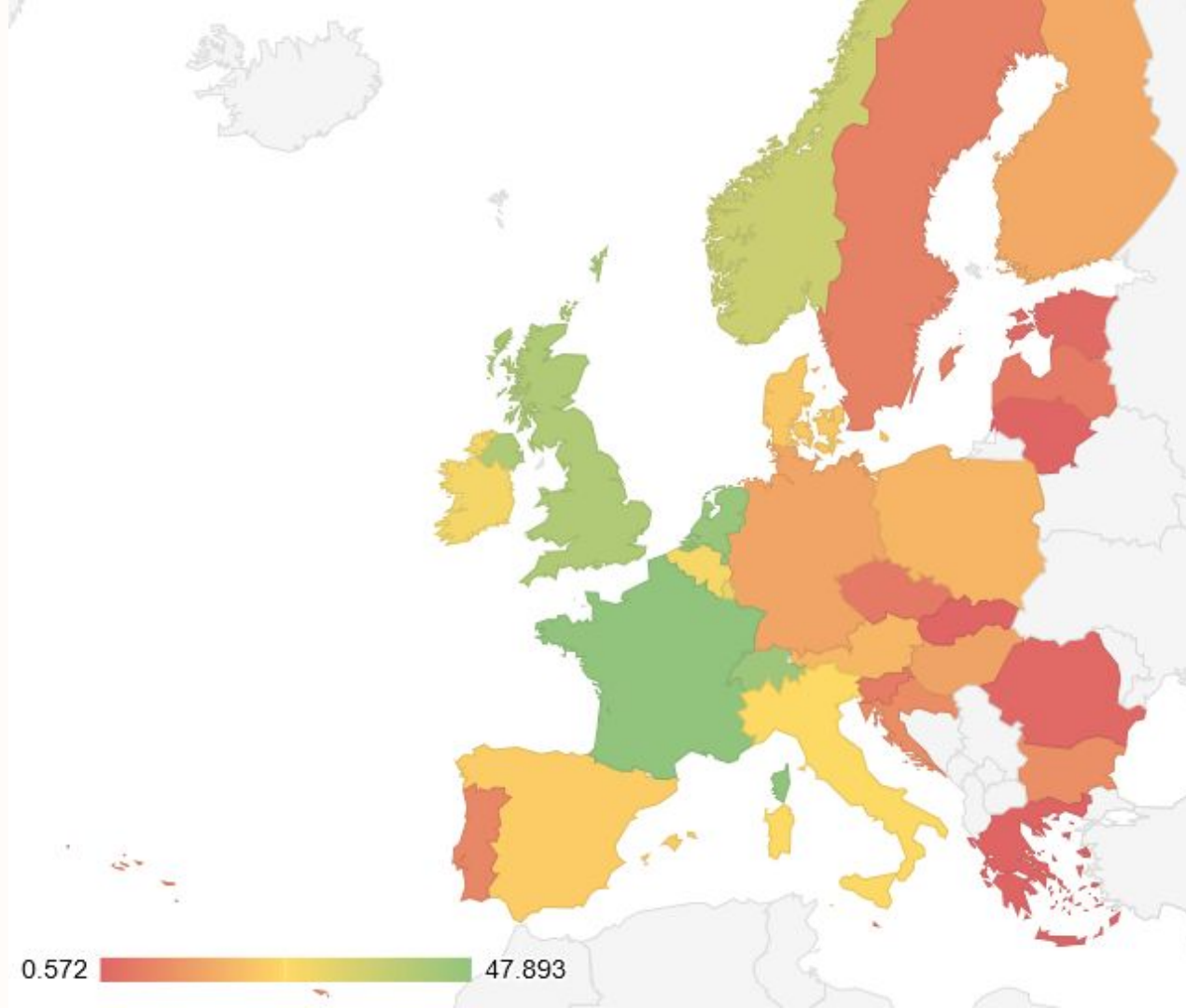
Average weight of non-price criteria

Data requirements: award criteria,
plain language descriptions.
Manual classification! (ok)

Qualification criteria?



0.572 47.893



Policy makers' questions

Examples from our practice:

- **Thresholds** - are they well set?
- **Central purchases** - how and who uses, international comparison
- **CPV codelist** - how to change it?
- **Qualitative criteria** - how and who uses, international comparison
- **Sanctions** - are there sanctioned suppliers?
- **Court appeals** - how quick and reliable is the process, who drops off and why?

Conclusion - where can data help **MORE**

We see the highest potential benefits:

- **Market research** - buyers, firms. Higher efficiency!
- **Oversight** - Audit (external and internal), NGOs
- **Policy** - Evidence based decision making

What is needed? Timely, accurate, stable data provision. Structure & scope: use driven.

Q & A

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