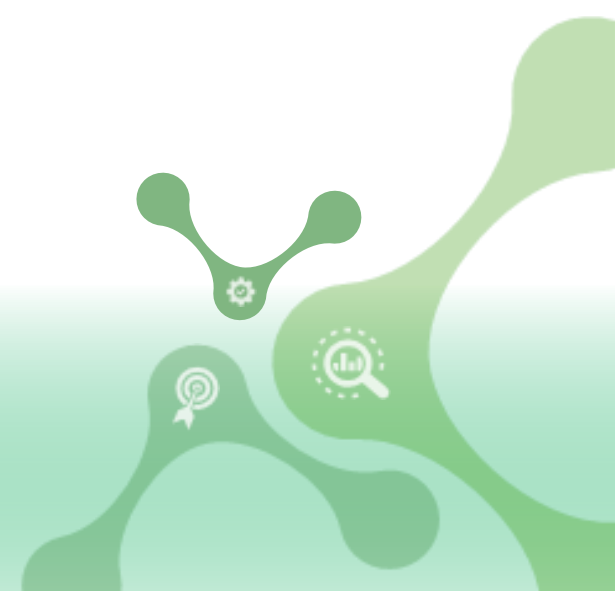


Public Procurement Procedures

Increased transparency & findability through AI & CPV enrichment

Razvan-Petru RADU

Publications Office of the European Union



From TED Notices...

1. PIN1 = Prior information notice or a periodic indicative notice used only for information

2. PIN2 = Prior information notice or a periodic indicative notice used to shorten time limits for receipt of tenders

3. PIN3 = Prior information notice for public passenger transport services

4. PIN4 = Prior information notice or a periodic indicative notice used as a call for competition – light regime

5. PIN5 = Prior information notice or a periodic indicative notice used as a call for competition – standard regime

6. PINBP = Notice of the publication of a prior information notice or a periodic information notice on a buyer profile

7. CN = Contract notice – light regime / Contract or concession notice – standard regime / Design contest notice

8. CAN = Contract or concession award notice – light regime / Contract or concession award notice – standard regime / Contract award notice for public passenger transport services / Design contest result notice

9. VEAT = Voluntary ex-ante transparency notice

10. SN = Subcontracting Notice

11. EQS = Notice on the existence of a qualification system


To Public Procurement Procedures perspective

Account Planning and reuse

[+ Add to my list](#) [🔔 Create alert](#) [🔗 Permanent link](#) [↔️ Embed in website](#)

This page contains content generated automatically to improve findability and accessibility

 - indicates CPV codes deduced from the text of the procedure

 - indicates text translated automatically in your browsing language

“PUBLIC ACQUISITION FOR ELECTRIC AUTOBUSSES WITH THE PUBLIC AUTHORITY IN SEBES, MUNICIPALITIES – ETAPA 2”

[^ Overview](#)

06/11/2023 Published

04/01/2024 ○ Today

09/01/2024 Deadline

Status

Open

Type of contract

Supplies

Subject for Renewal

No

 Buyer
Municipiul Sebes

Visual Timeline

Procedure overview

A map of Europe with a blue pin marking Romania. The map shows various countries including the Netherlands, Belgium, Germany, Poland, Belarus, Luxembourg, Czechia, Slovakia, Hungary, Austria, Liechtenstein, Switzerland, Slovenia, Croatia, Bosnia and Herzegovina, Serbia, Montenegro, Albania, Kosovo, North Macedonia, Greece, Bulgaria, Romania, Moldova, Ukraine, Georgia, Armenia, Azerbaijan, Turkey, Spain, Portugal, France, Monaco, Italy, and Andorra.

Place of performance
NUTS code: RO121 Alba

Location of buyer
NUTS code: RO121 Alba

 Business sector (Main CPV)
34144910 Electric buses

€ Total estimated contract value (excluding VAT)
19,139,457.60 RON

€ Total final contract value (excluding VAT)
Not available

Procedure details (with Enriched CPVs)

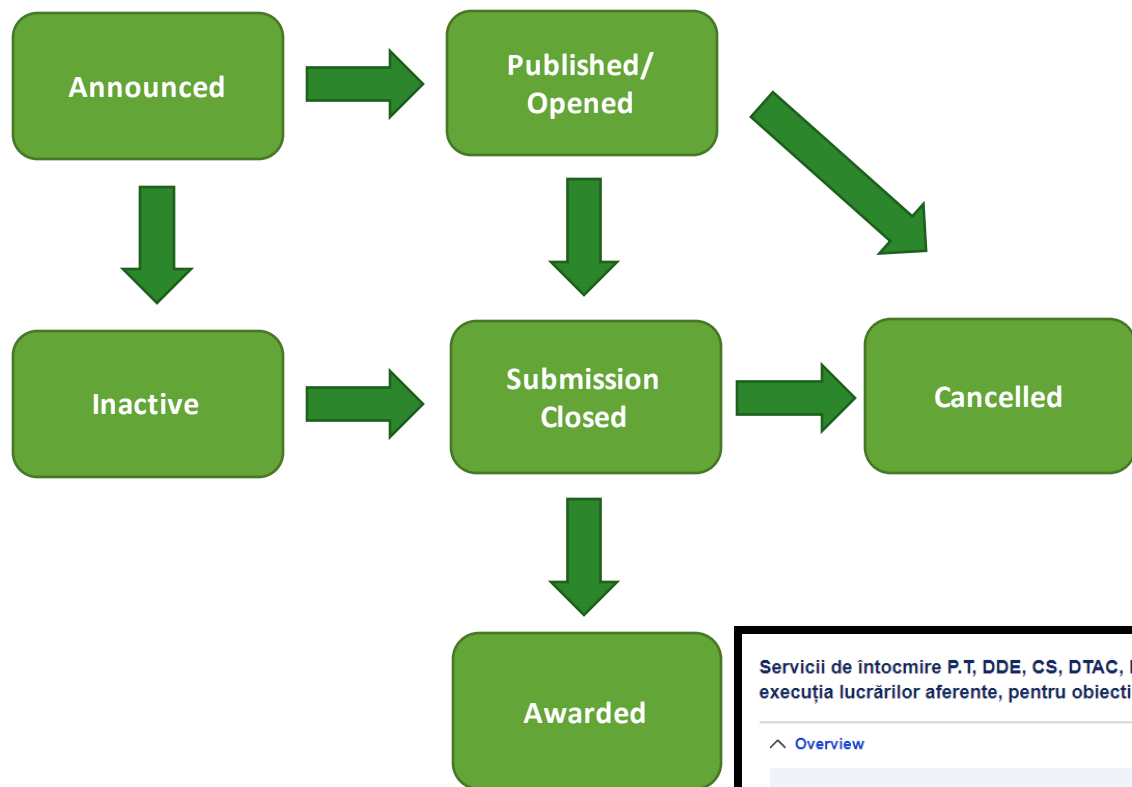
▼ Procedure details

Documents

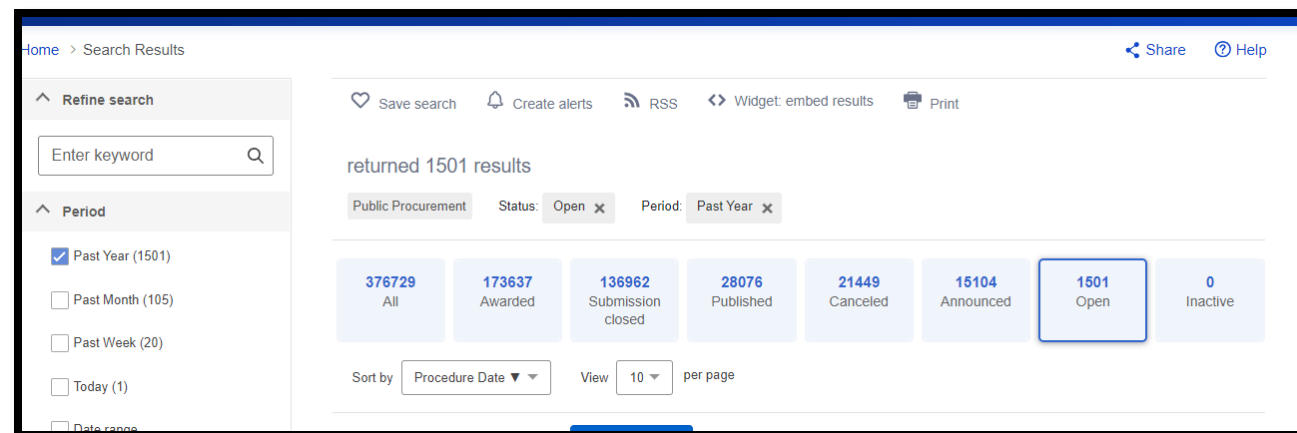
Machine Translated Title

Links to TED

Procedures Statuses



- A public procurement is started/created by the publication of a notice
- Business meaningful statuses
- Status can be used as filter in search



Easy & consolidated access to business opportunities



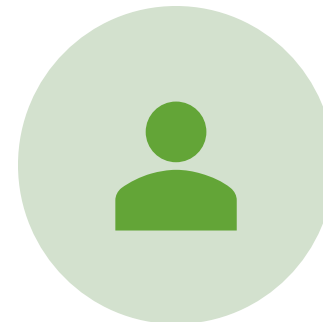
Presenting to end user
Procurement Procedures



Full text search across all
Procurement Procedures

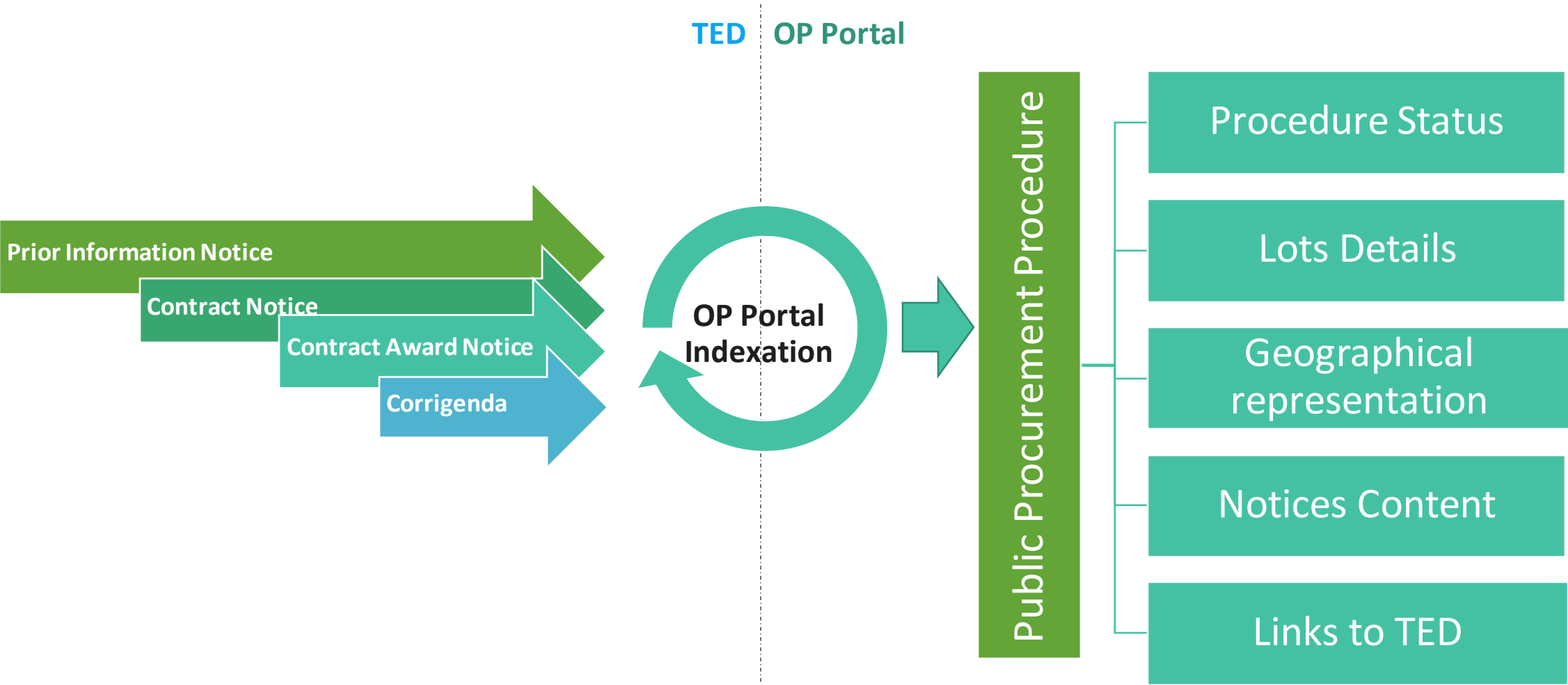


Full availability in all EU
official languages

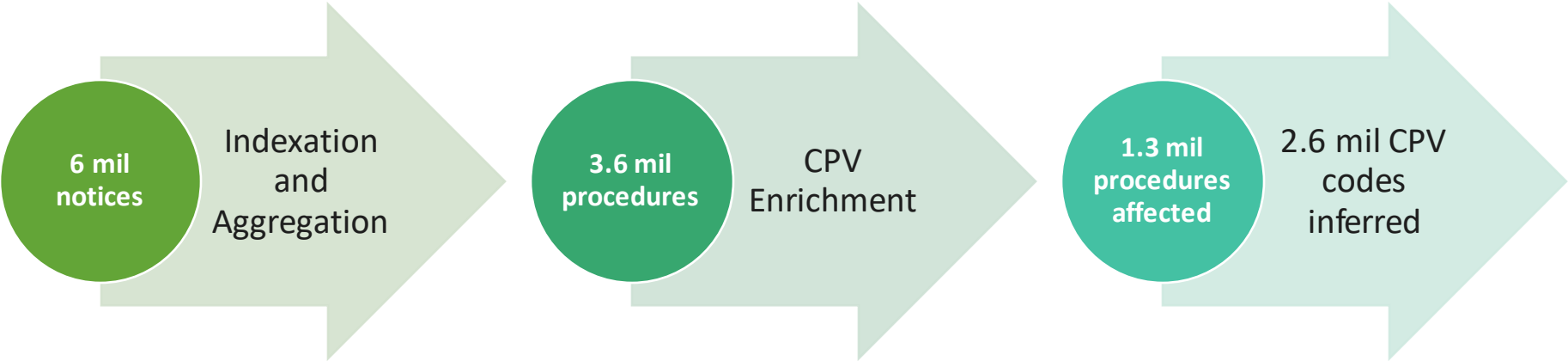


Enable
business development &
account management

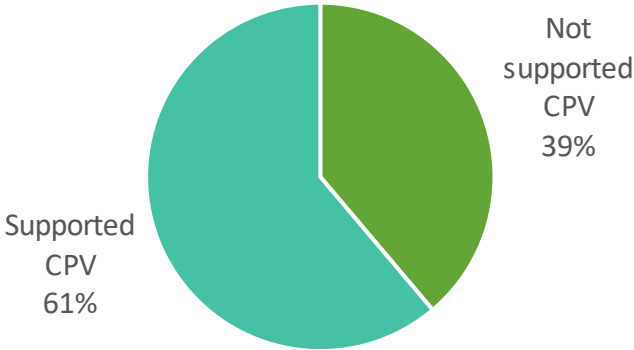
Public Procurement Procedure



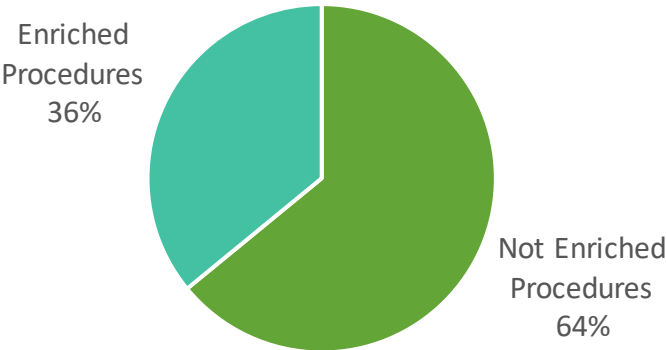
Increased findability through AI & CPV enrichment



Supported CPV Levels 1-4



CPV Inference results



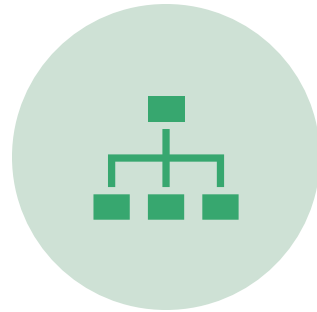
CPV code	45000000 - Construction work
	43325000 - Park and playground equipment
	45214000 - Construction work for buildings relating to education and research
	77310000 - Planting and maintenance services of green areas
	45212000 - Construction work for buildings relating to leisure, sports, culture, lodging and restaurants
	45330000 - Plumbing and sanitary works
	45230000 - Construction work for pipelines, communication and power lines, for highways, roads, airfields and railways; flatwork

■ Not supported CPV ■ Supported CPV ■ Not Enriched Procedures ■ Enriched Procedures

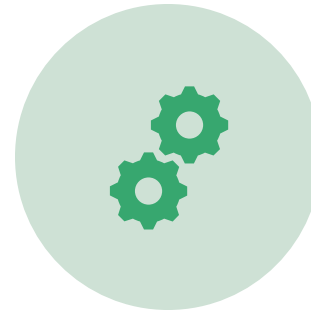
Artificial intelligence and Machine Learning



TRAIN MODEL WITH 80%
OF CORPUS OF DATA



61% OF CPV LEVEL 1-4
(DIVISIONS, GROUPS,
CLASSES AND CATEGORIES)



CPV INFERENCE
INTEGRATED IN INDEXING
PROCESS



AUTOMATIC TRANSLATION
IN ALL EU OFFICIAL
LANGUAGES

Live Application

Home > Search Results

Share Help

Refine search

Enter keyword

Q

Period

☒ Past Year (1466)

☐ Past Month (93)

☐ Past Week (7)

☐ Today (0)

☐ Date range

From

To

Buyer

Enter buyer name

Q

Business sector (CPV)

Find business sector

Q

☐ Materials and Products (769)

☐ Technology and Equipment (724)

☐ Construction and Real Estate (579)

Save search

Create alerts

RSS

Widget: embed results

Print

returned 1466 results

Public Procurement

Status: Open X

Period: Past Year X

377139

All

174414

Awarded

133351

Submission closed

31748

Published

21072

Canceled

15088

Announced

1466

Open

0

Inactive

Sort by: Procedure Date ▼

View: 10 ▼ per page

☐ Select all results on this page

Export results

Map of Europe with location pins

Home + -

☐ Austria-Vienna: Software package and information systems

Prüfsystem für Software-Produkte...

Published: 2024-01-03

Status: Open

Buyer: WienIT GmbH

Main CPV Code: Software package and information systems (48000000)

This page contains content generated automatically to improve findability and accessibility

CPV - indicates CPV codes deduced from the text of the procedure

AT - indicates text translated automatically in your browsing language

Romania-Codlea: Road construction works

Overview

16/10/2023

Published

19/12/2023

Today

23/12/2023

Deadline

Status

Open

Type of contract

Works

Subject for Renewal

No

Buyer

Municipiul Codlea

Map of Europe with location pin in Romania

Home + -

Place of performance

NUTS code: RO122 Braşov

Location of buyer

NUTS code: RO122 Braşov

<https://op.europa.eu/en/web/public-procurement> - requires EU Login



Increased Transparency



Visibility

Facilitate access to non-expert users

Holistic view and Links with EU Law, EU Publications or EU Institutions

Enable plug & play innovative services (high ROI) (Ex. Full text search all languages, chatbot, Q&A)



Procurement procedure

View public procurement data from different perspective: Procurement Procedure

Links to TED

Save procedures in your Profile and follow-it-up.



Reuse

Widgets: Procurement Procedures, Search Result, Selected procedures widgets

Search as a service: API access to all public procurement procedures

Notifications: stay up-to-date with procurement procedure



Flexibility and Data Enrichment

Flexibility in processing data (Data curation, Data enrichment, Data consolidation)

Integrate machine translation

CPV Enrichment through Machine Learning (ML)



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