

The European Language Resource Coordination (ELRC): why and how you can engage and benefit

Stelios Piperidis

Institute for Language and Speech Processing / Athena R.C.
ELRC



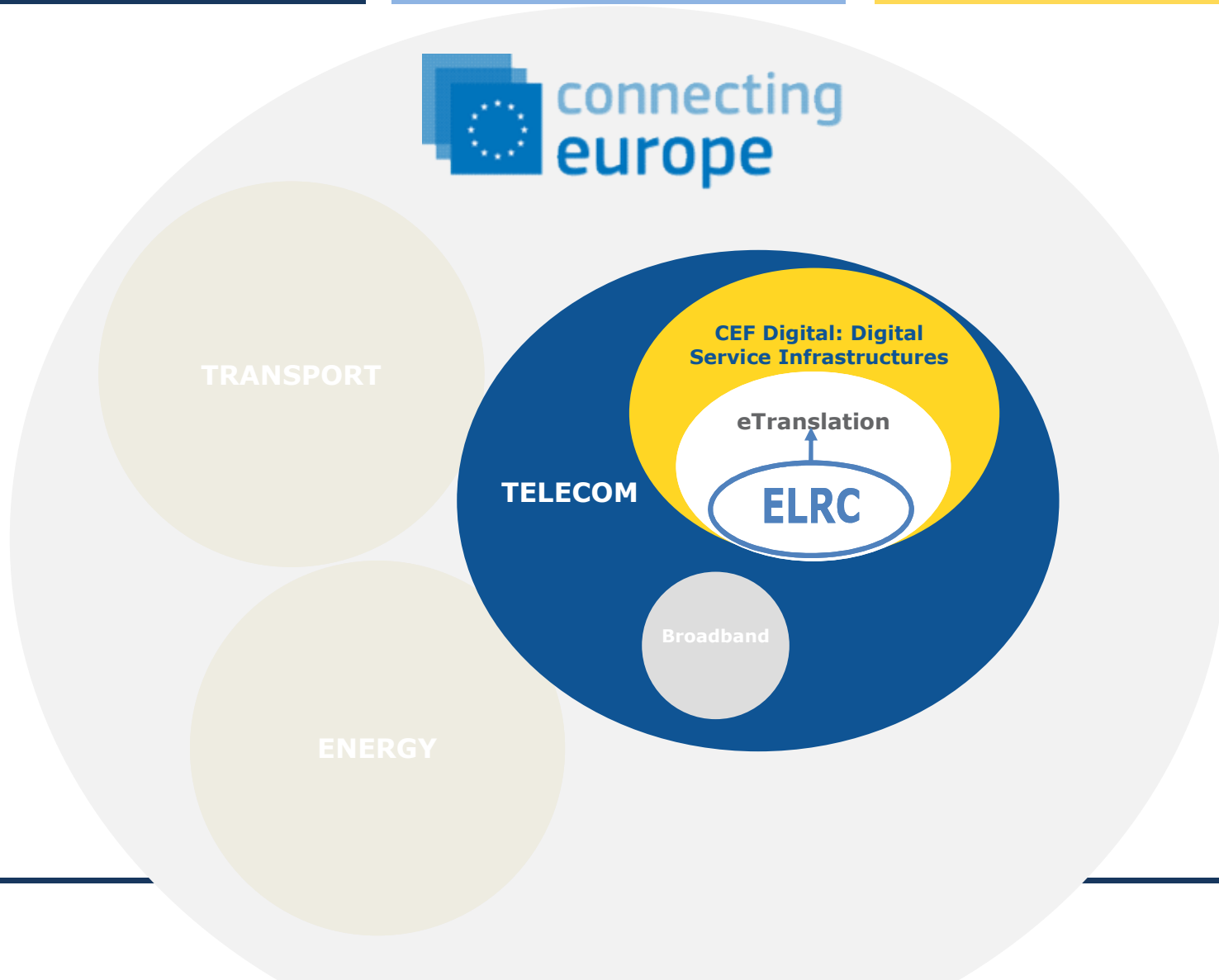


TRANSPORT

TELECOM

ENERGY

The ELRC context



Heads & organisations behind the ELRC



The ELRC Consortium:



German
Research Center
for Artificial
Intelligence



Heads & organisations behind the ELRC



30 ELRC Technological
National Anchor Points

30 ELRC Public Services
National Anchor Points



Tamás Váradi

Research Institute for Linguistics, Hungarian Academy
of Sciences

Zoltán Bódi

Institute for Hungarian Language Strategy

Janos Szenthe

Department of EU Law at the Ministry of Justice



Tamás Váradi

Research Institute for Linguistics, Hungarian
Academy of Sciences



Zoltán Bódi

Institute for Hungarian Language Strategy

Janos Szenthe

Department of EU Law at the Ministry of
Justice

Why ELRC...?



- To facilitate multilingual communication and exchange of information in key public service scenarios
- How? With the right language resources!
- Examples of public services scenarios to which eTranslation may be applied:
 - Consumer Rights (ODR),
 - Social Security (EESSI),
 - Justice (eJustice),
 - Commerce (BRIS),
 - Open Data (EDP),
 - ...



THE EUROPEAN PARLIAMENT VOTED
IN FAVOR OF THE RESOLUTION ON
**"LANGUAGE EQUALITY IN THE
DIGITAL AGE"** ON 11. SEPTEMBER



“18. Calls on the Commission and the Member States to develop strategies and policy action to **facilitate multilingualism in the digital market**; requests, in this context, that the Commission and the Member States define the **minimum language resources** that all European languages should possess, such as data sets, lexicons, speech records, translation memories, annotated corpora and encyclopaedic content, in order to **prevent digital extinction**;”



“21. Calls on the Commission to make as a **priority of language technology** those **Member States** which are **small in size** and have their **own language**, in order to pay heed to the linguistic challenges that they face;”

Committee on Industry, Research and Energy (11.9.18): stresses "the role of the EU, the Member States, universities and other public institutions in **contributing to the preservation of their languages in the digital world** and in **developing databases and translation technologies for all EU languages**, including languages that are less widely spoken; calls for coordination between research and industry with a common objective of enhancing the digital possibilities for language translation and with open access to the data required for technological advancement".

- Cracking the Language Barrier Federation (2016): “We recommend that Europe actively makes an effort to compete in the global landscape for research and development in language technology since **we cannot expect third parties from other continents to solve our translation and knowledge management problems** in a way that suits our specific communicative, societal and cultural needs. **Language Technology made for Europe in Europe is the key.** It will contribute to future European crossborder and cross-language communication, economic growth and social stability.”

What does ELRC do?



Collect

- Language resources

Identify

- Needs of public services

Engage

- With the public sector in the identification of LR

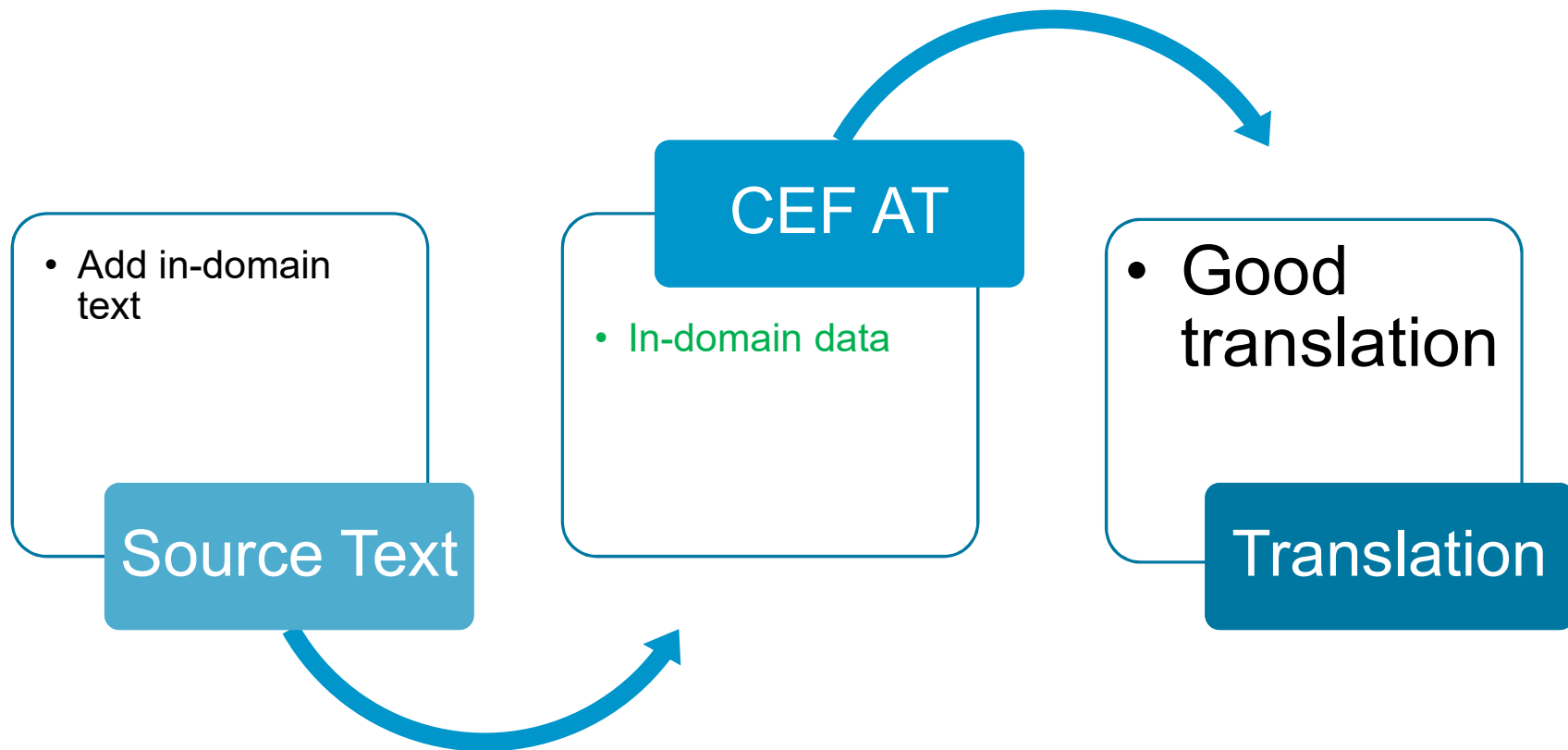
Help

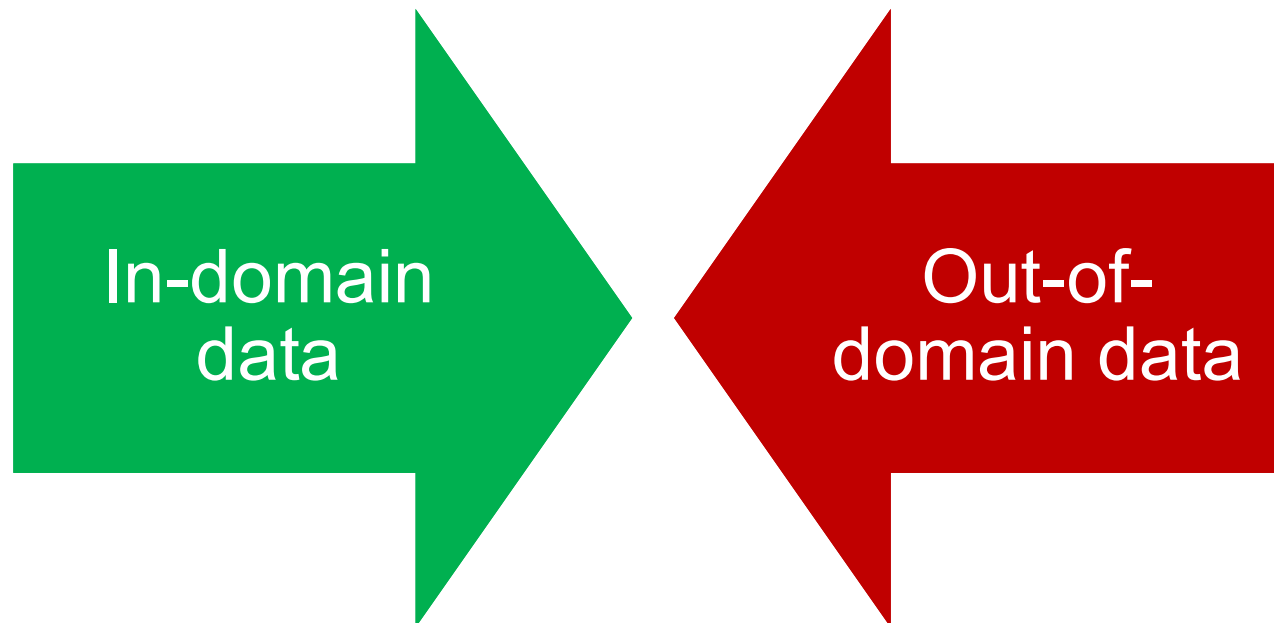
- With any technical or legal issues

Act

- Observatory for language resources across Europe

With the right language resources!

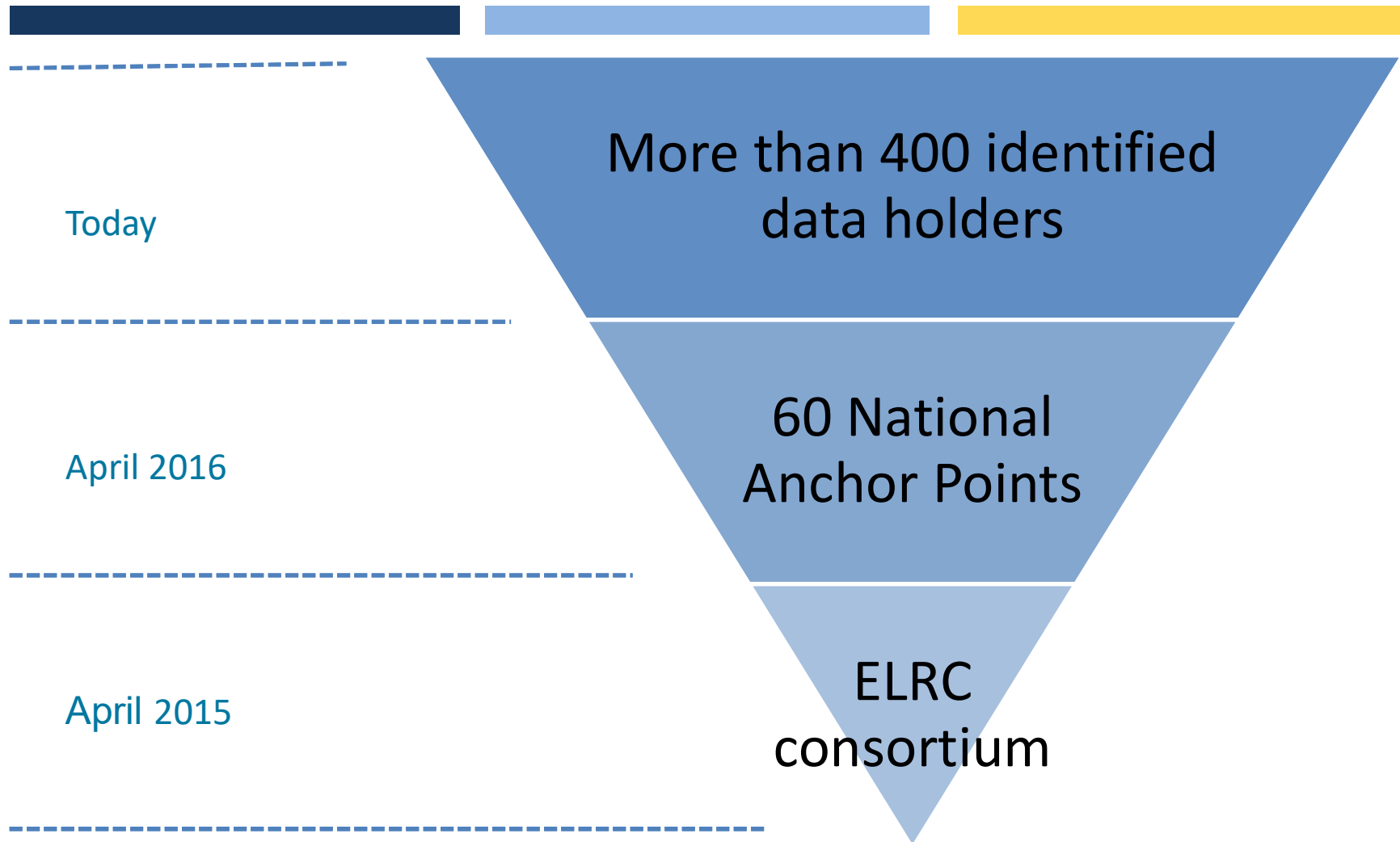




→ Your language resources make a difference!

What has been achieved so far...?

The ELRC network

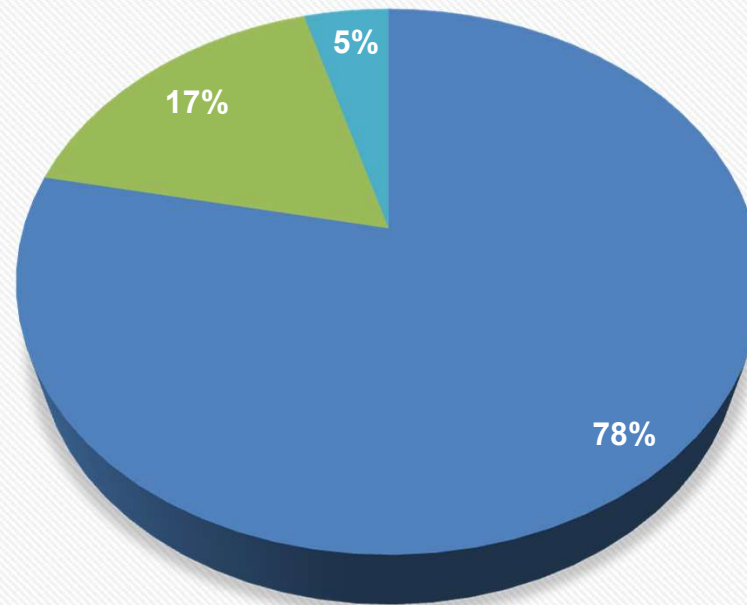


What has been achieved so far...?

ELRC Data in April 2017



A total of 225 LRs provided by ELRC

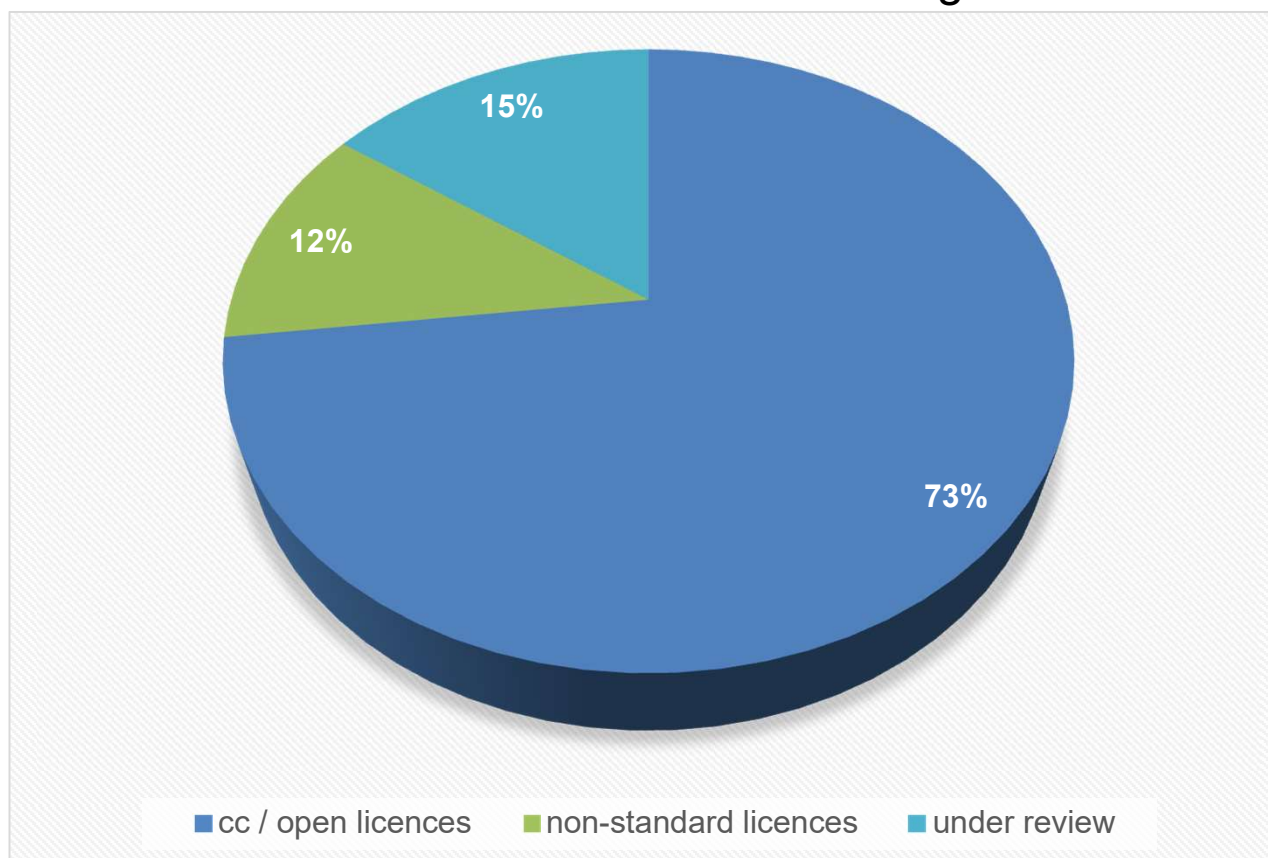


■ Open data / cc licenses ■ Non-standard/other licenses ■ Under review

What has been achieved so far...? ELRC Data in October 2018



More than 500 LRs contributed through ELRC

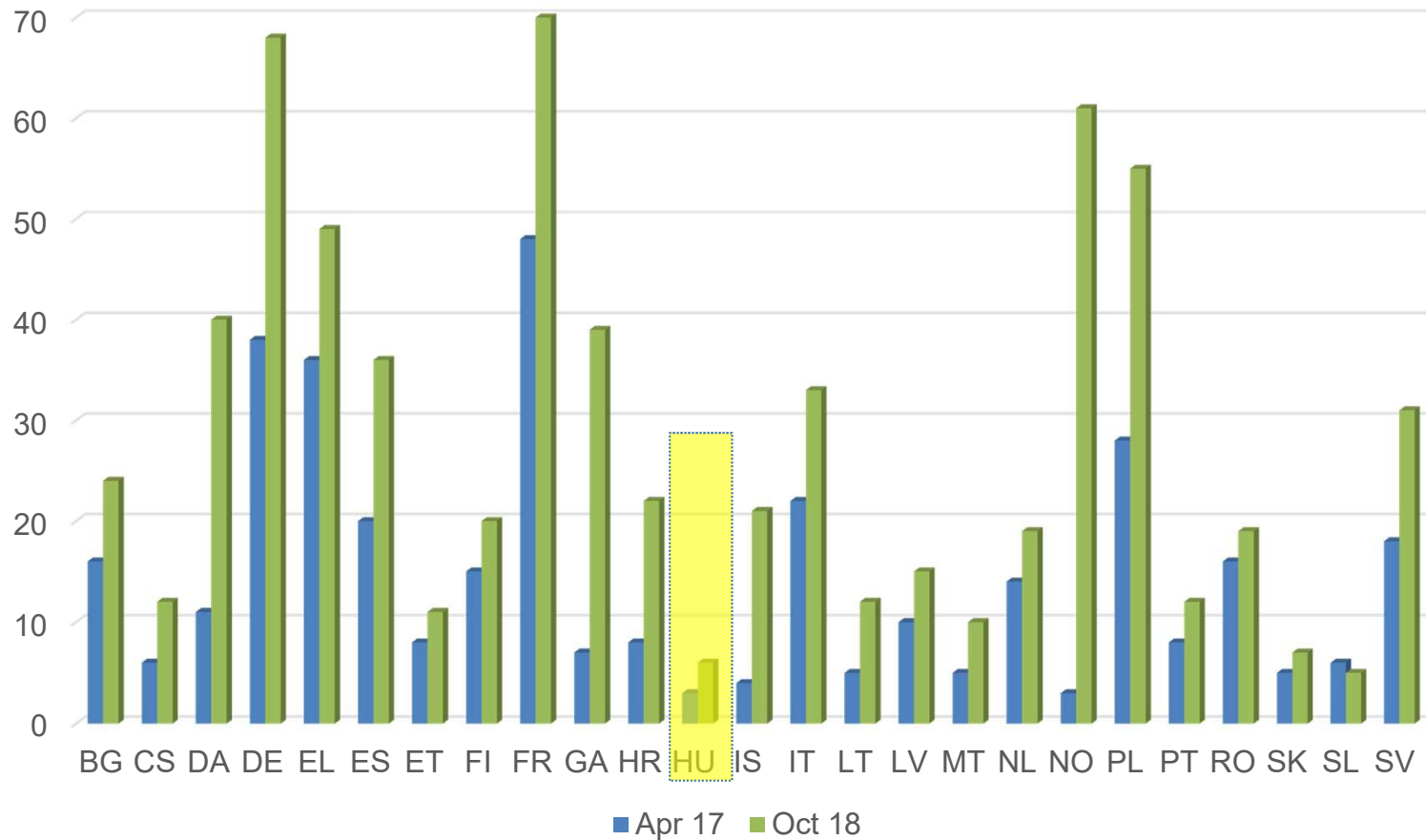


What has been achieved so far...?

ELRC Data by language



Development of LR collection by language

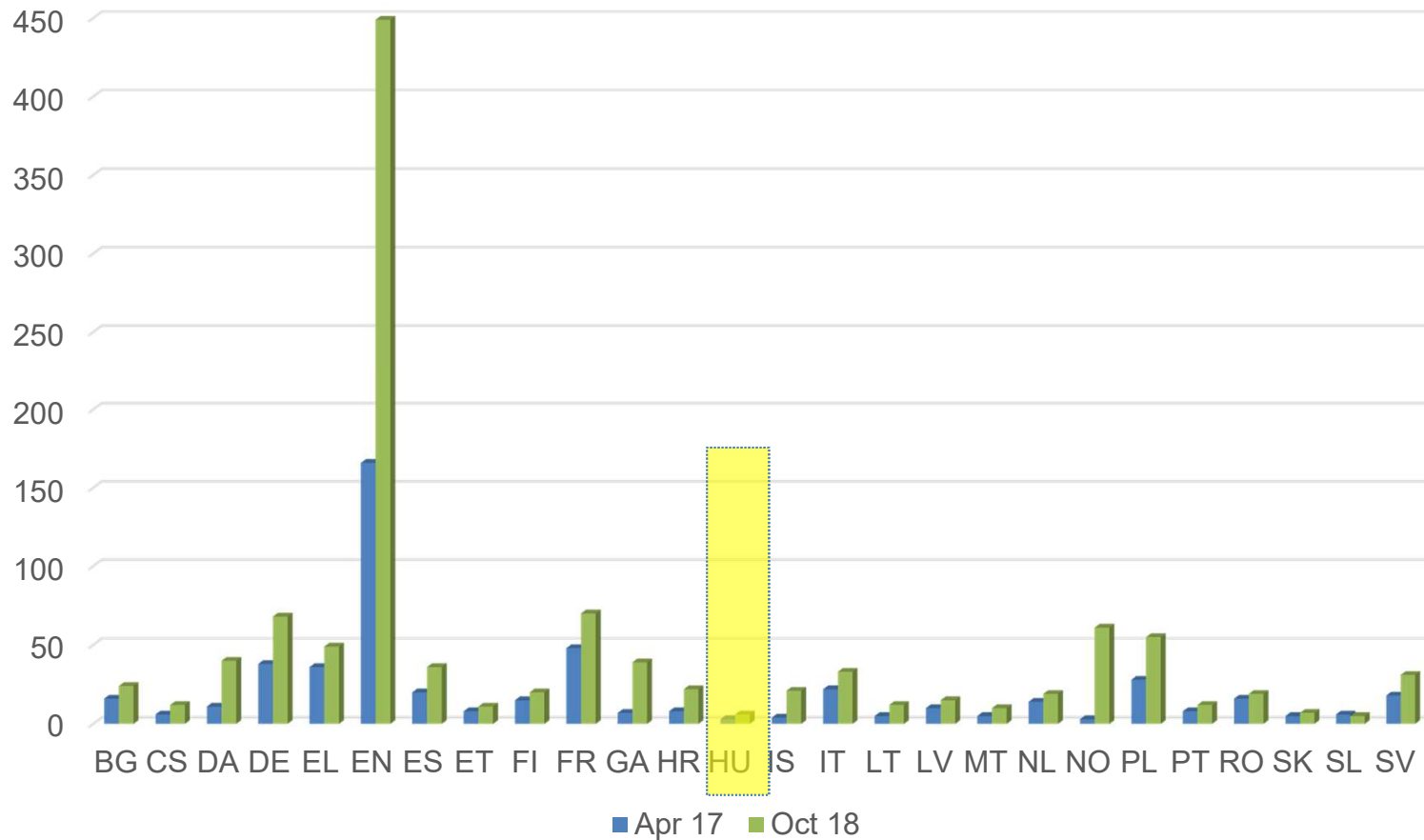


What has been achieved so far...?

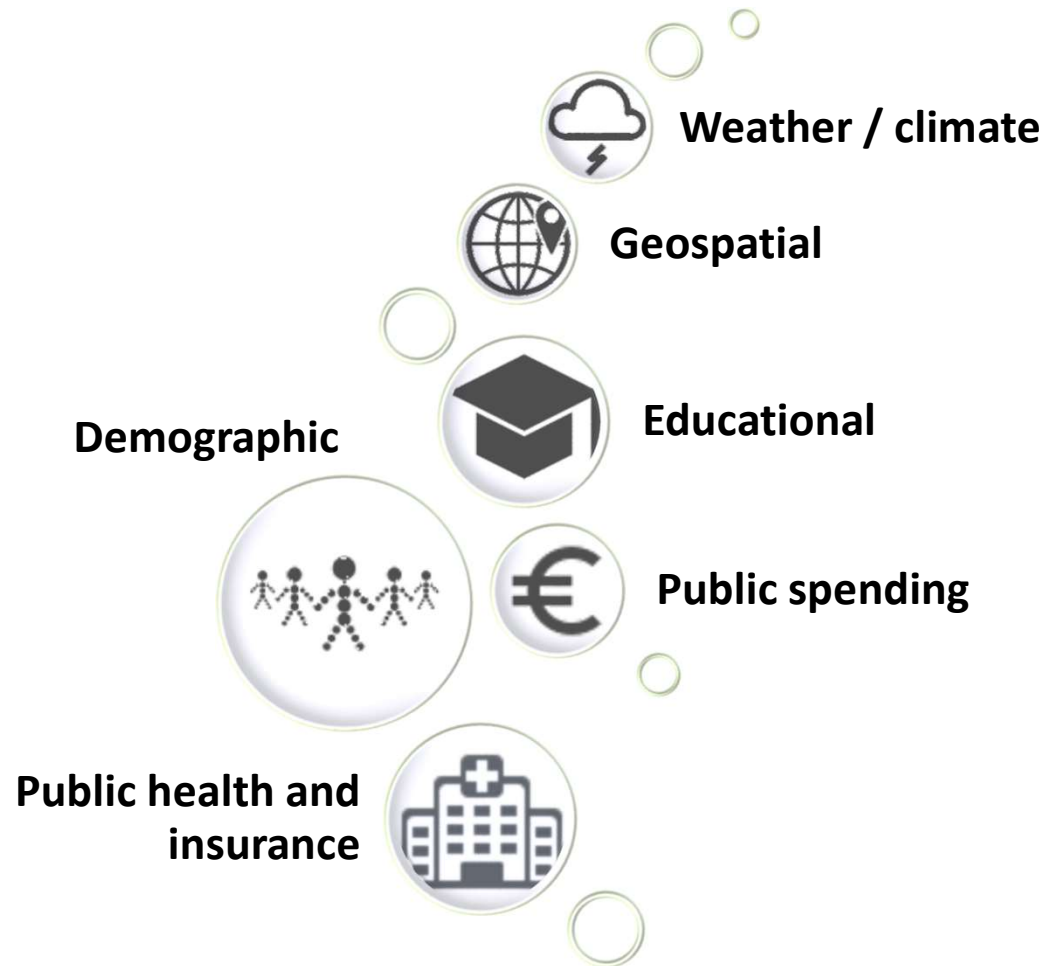
ELRC Data by language



Development of LR collection by language



The notion of data



The notion of data

Data: the oil of the 21st century

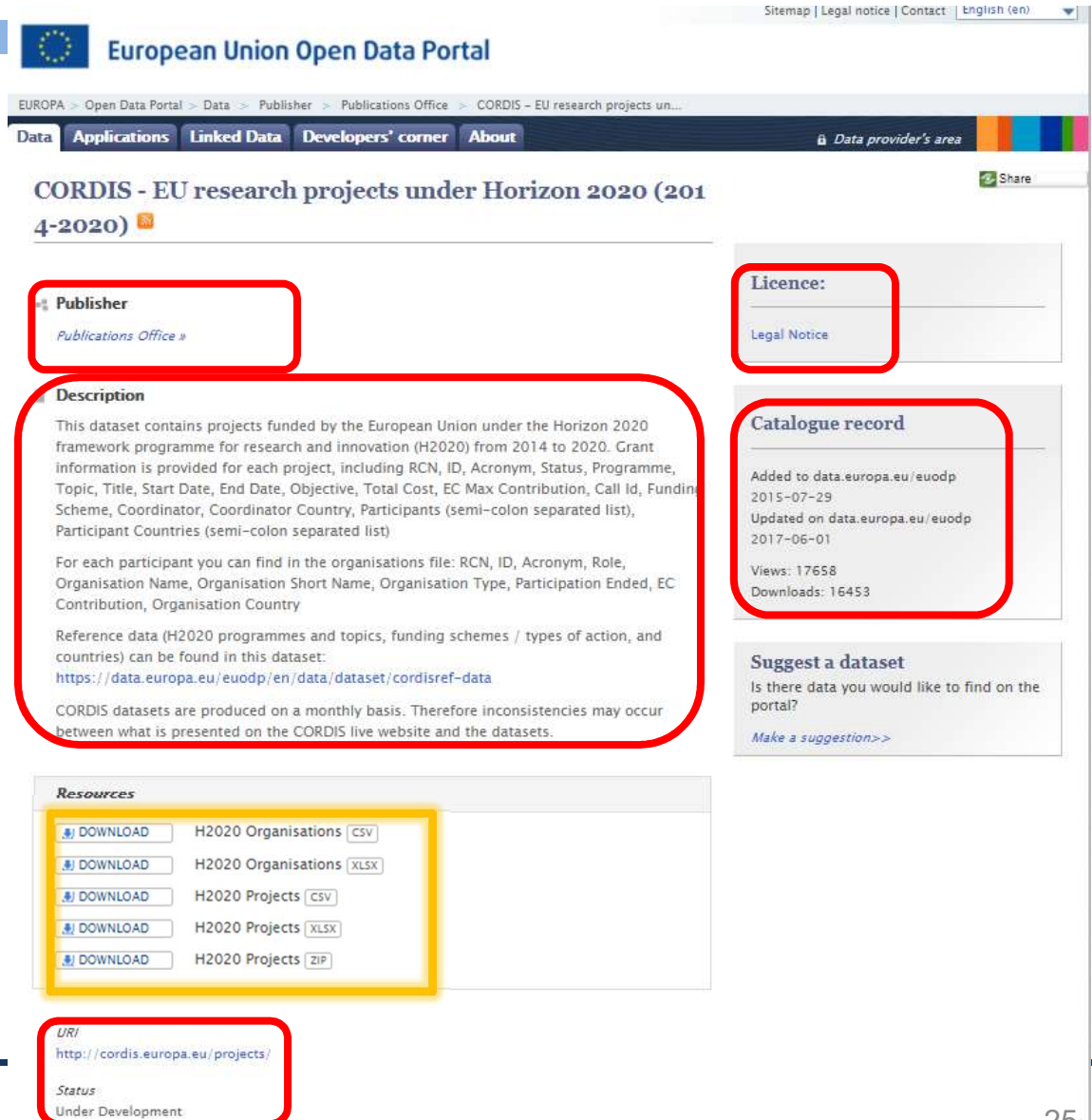


The notion of data



Basic concepts:

- **Data:** any piece of electronically stored content
- **Dataset (or resource):** the collection of one or many data files **grouped** according to certain **criteria**
- **Metadata:** *data about the data*, i.e. description of a dataset with properties (e.g. title, publisher, description of the content and URL)



Sitemap | Legal notice | Contact | English (en)

European Union Open Data Portal

EUROPA > Open Data Portal > Data > Publisher > Publications Office > CORDIS - EU research projects un...

Data Applications Linked Data Developers' corner About

Data provider's area

Share

CORDIS - EU research projects under Horizon 2020 (2014-2020)

Publisher
 Publications Office »

Licence:
 Legal Notice

Description
 This dataset contains projects funded by the European Union under the Horizon 2020 framework programme for research and innovation (H2020) from 2014 to 2020. Grant information is provided for each project, including RCN, ID, Acronym, Status, Programme, Topic, Title, Start Date, End Date, Objective, Total Cost, EC Max Contribution, Call Id, Funding Scheme, Coordinator, Coordinator Country, Participants (semi-colon separated list), Participant Countries (semi-colon separated list)
 For each participant you can find in the organisations file: RCN, ID, Acronym, Role, Organisation Name, Organisation Short Name, Organisation Type, Participation Ended, EC Contribution, Organisation Country
 Reference data (H2020 programmes and topics, funding schemes / types of action, and countries) can be found in this dataset:
<https://data.europa.eu/euodp/en/data/dataset/cordisref-data>
 CORDIS datasets are produced on a monthly basis. Therefore inconsistencies may occur between what is presented on the CORDIS live website and the datasets.

Catalogue record
 Added to data.europa.eu/euodp 2015-07-29
 Updated on data.europa.eu/euodp 2017-06-01
 Views: 17658
 Downloads: 16453

Suggest a dataset
 Is there data you would like to find on the portal?
[Make a suggestion>>](#)

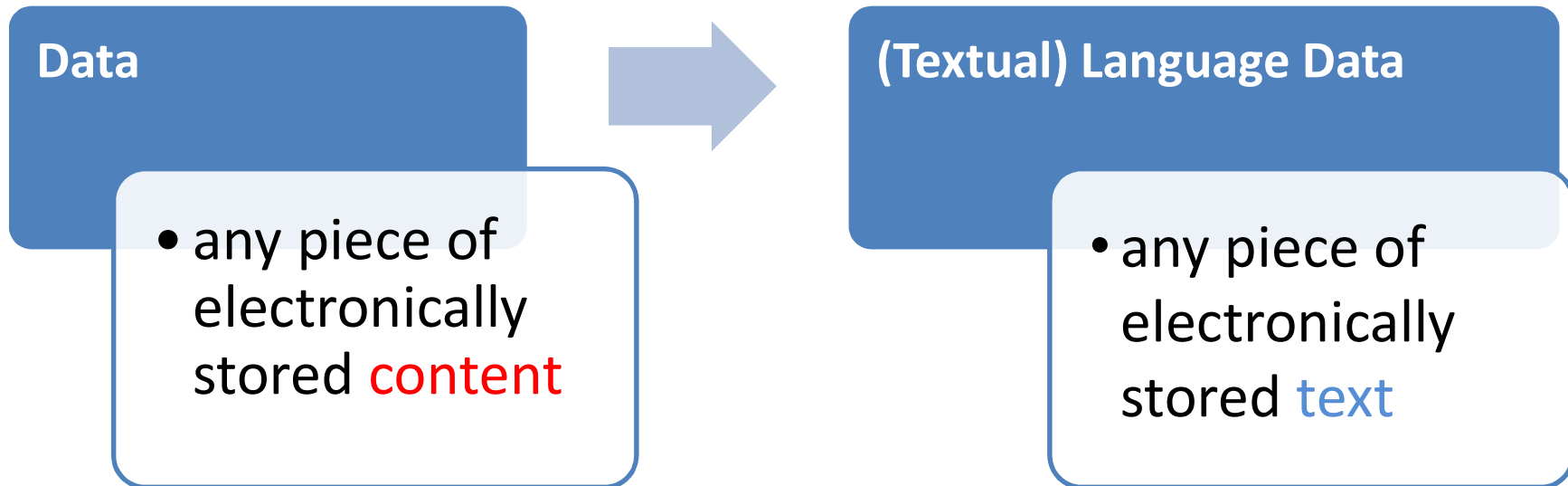
Resources

DOWNLOAD	H2020 Organisations	CSV
DOWNLOAD	H2020 Organisations	XLSX
DOWNLOAD	H2020 Projects	CSV
DOWNLOAD	H2020 Projects	XLSX
DOWNLOAD	H2020 Projects	ZIP

URI
<http://cordis.europa.eu/projects/>

Status
 Under Development

Language data (resources) for eTranslation through ELRC



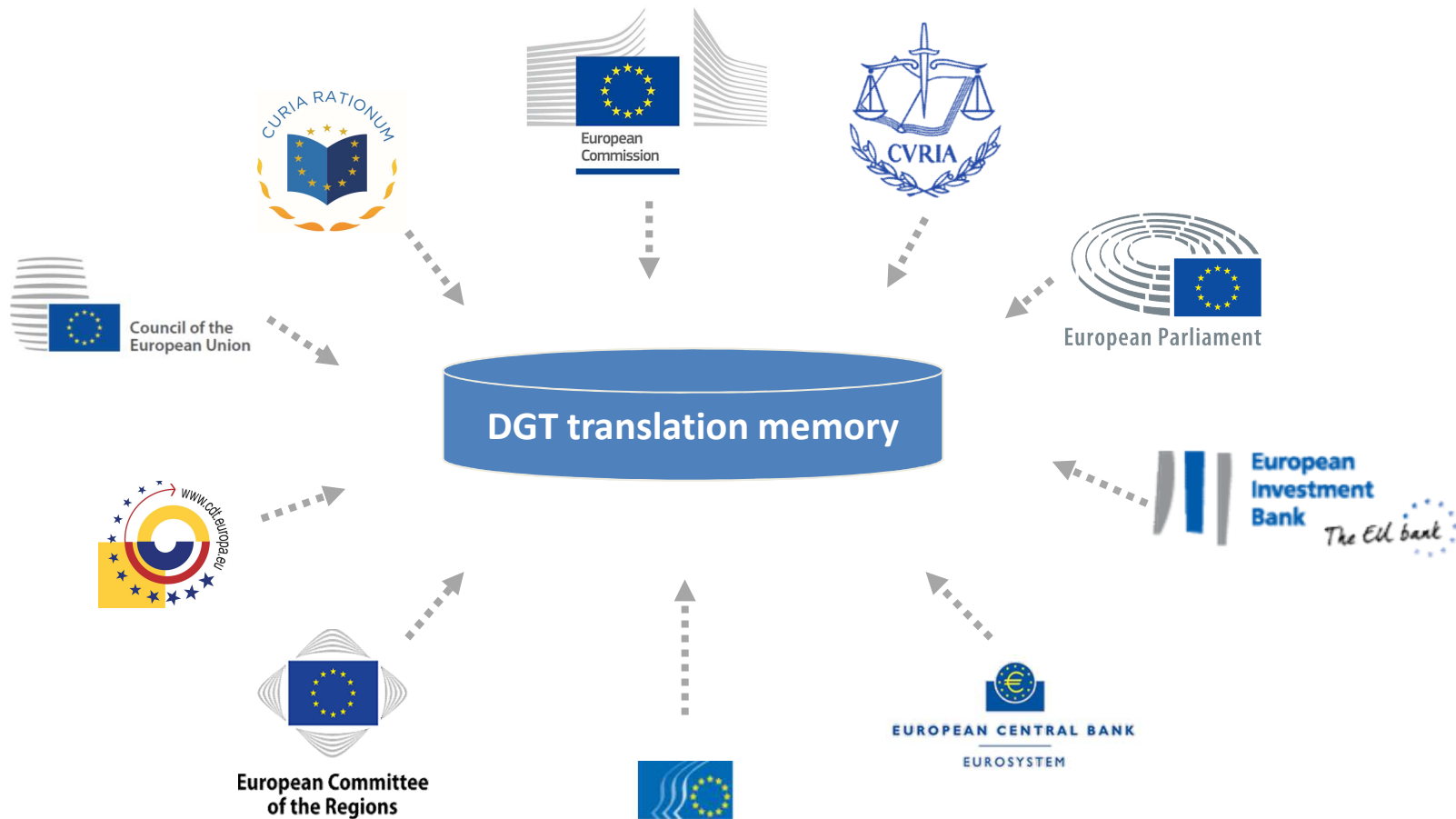
HU

Az emberi jogokra vonatkozó nemzetközi törvény abban az alapvetésben gyökerezik, hogy minden egyes embernek joga van az Emberi Jogok Egyetemes Nyilatkozatában lefektetett minden joghoz és szabadsághoz. Az emberi jogok szexuális orientációtól vagy a nemi azonosságtól függetlenül minden egyes emberre egyformán vonatkoznak.

EN

International human rights law is grounded on the premise that all individuals are entitled to the same rights and freedoms as set out in the Universal Declaration of Human Rights. Human rights shall apply equally to every human being, regardless of sexual orientation or gender identity.

Data used by eTranslation



Such data are already available
BUT
they are not enough...

What data are useful for eTranslation as per type | 1



- Any **electronically stored text** in an EU language plus NO and IS
- **Texts and their translations** (i.e. parallel bilingual or multilingual)

Hungarian text

A feladatok harmadik csoportját az Országgyűlés saját felkészülése képezi, amelynek során a Parlament felkészül az elnökség alatt megrendezendő parlamenti bizottsági találkozókra. Ennek irányítására létrejött egy Koordinációs csoport, amelynek vezetője az Országgyűlés Külügyi Hivatalának vezetője, tagjai az EU Főosztály vezetője, a Protokoll Főosztály vezetője, valamint a Főtitkárság, a Sajtóiroda, a Gazdasági Főigazgatóság és az Országgyűlés Kutatószolgálatának képviselői, illetve az Országgyűlés brüsszeli állandó irodájának vezetője.

Translation in English

The third group of the preparatory tasks is the National Assembly's own preparation, where the Parliament prepares for the meetings of the parliamentary committees to be held during its presidency. To coordinate these meetings, a Coordination Group was established that is led by the head of the Office for Foreign Relations of the National Assembly, its members are the head of the EU Department, the head of the Protocol Department and the representatives of the General Secretariat, the Press Office, the Economic Directorate and the Research Service of the National Assembly, as well as the Permanent Representative of the National Assembly to the EU in Brussels.

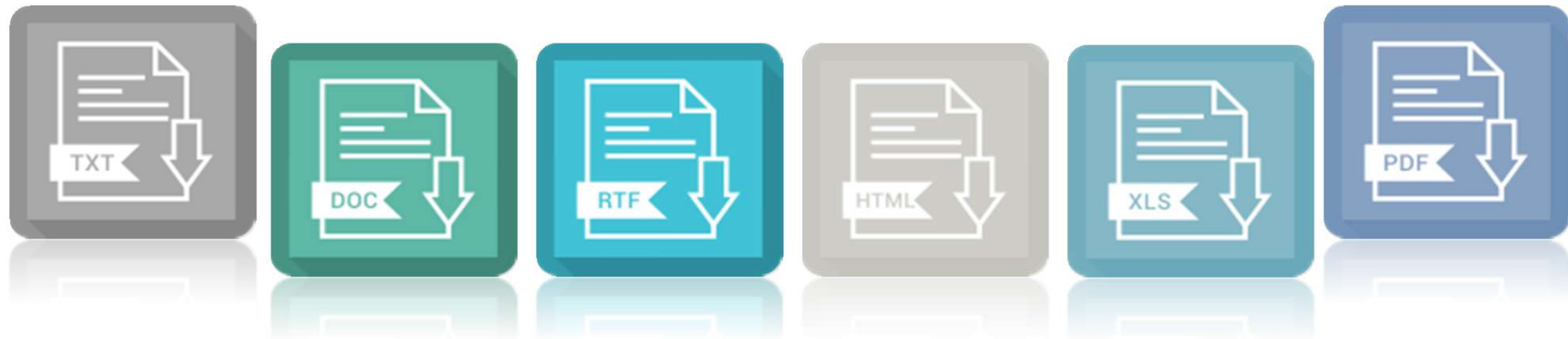
What data are useful for eTranslation as per type | 2



- List of terms and their translations, i.e. a **terminology**

English	Hungarian
accident insurance	balesetbiztosítás
health insurance	betegbiztosítás, egészségbiztosítás
household insurance	háztartási biztosítás
insurance broker	biztosítási ügynök
medical insurance	betegbiztosítás
sickness insurance	betegbiztosítás
unemployment insurance	munkanélküliségi biztosítás
health insurance card	egészségbiztosítási kártya
nursing care insurance	gondozási biztosítás
...	...

What data are useful for eTranslation as per format | 1



- In principle, any text in machine readable format
- But, some formats are more “MT-ready” than others, i.e. they require less manual or automatic processing
- More processing introduces more errors in the final output, making it less useful for eTranslation

A pokoli komédia még egyre tartott a börzén. A halálra ítélt papírok, a bondavári gyártelep s a bondavári vasút részvényei egyik kézből a másikba repültek. Most már a komikumig vitték a tragédiát, s kezdett humor vegyülni a szerencsétlenségbe. Ez a szó: “Bondavár” csak arra való volt, hogy derűtséget idézzon elő a börzeemberek között. Aki az utolsó részvényén túladhatott nagy veszteséggel, nevetett azon, aki megszerezte azt. Kezdték a részvényeket megfoghatlan becsű tárgyakért cserébe kínálgatni. Ráadásul egy új esernyőre egy ócska esernyőért. Használták előfizetési ekvivalensül olyan lapokért, amiket valakinek a szerkesztő a nyakára köt erővel. Ajándékoztatták jótékony célokra.

What data are useful for eTranslation as per format | 2



- The following formats are particularly useful (in descending order):
 - For bilingual/multilingual parallel texts
 1. Translation memories (.tmx)
 2. XML translation files (.xliff)
 3. Plain text (.txt, .csv)
 4. Spreadsheets (e.g. xlsx)
 - For terminologies
 1. TermBase eXchange (.tbx)
 2. Plain text (.txt, .csv)
 3. Spreadsheets (e.g. xlsx)
 - For monolingual texts
 1. Plain text (.txt, .csv)

File formats of parallel texts and their manipulation



Don'ts



This-is-a-paragraph-in-English.·This-is-a-paragraph-in-English.·This-is-a-paragraph-in-English.·This-is-a-paragraph-in-English.·This-is-a-paragraph-in-English.·This-is-a-paragraph-in-English.·This-is-a-paragraph-in-English.·This-is-a-paragraph-in-English.·This-is-a-paragraph-in-English.·This-is-a-paragraph-in-English.·¶

A-sentence-in-English.¶

¶

A-second-paragraph-in-English.·A-second-paragraph-in-English.·A-second-paragraph-in-English.·A-second-paragraph-in-English.·A-second-paragraph-in-English.·A-second-paragraph-in-English.·¶

¶

Ez-a-bal-oldali-bekezdés-magyar-fordítása.·Ez-a-bal-oldali-bekezdés-magyar-fordítása.·Ez-a-bal-oldali-bekezdés-magyar-fordítása.·Ez-a-bal-oldali-bekezdés-magyar-fordítása.·Ez-a-bal-oldali-bekezdés-magyar-fordítása.·¶

¶

Ez-a-mondat-magyar-fordítása-balra.·¶

¶

Ez-a-bal-oldali-bekezdés-magyar-fordítása.·Ez-a-bal-oldali-bekezdés-magyar-fordítása.·Ez-a-bal-oldali-bekezdés-magyar-fordítása.·Ez-a-bal-oldali-bekezdés-magyar-fordítása.·Ez-a-bal-oldali-bekezdés-magyar-fordítása.·¶



Don'ts



English	Magyar
<p>This is a paragraph in English. This is a paragraph in English. This is a paragraph in English. This is a paragraph in English. This is a paragraph in English. This is a paragraph in English. This is a paragraph in English. This is a paragraph in English. This is a paragraph in English. This is a paragraph in English. This is a paragraph in English. This is a paragraph in English.</p>	<p>Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása.</p>
<p>A second paragraph in English. A second paragraph in English. A second paragraph in English. A second paragraph in English. A second paragraph in English. A second paragraph in English. A second paragraph in English. A second paragraph in English. A second paragraph in English. A second paragraph in English.</p>	<p>Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása. Ez a bal oldali bekezdés magyar fordítása.</p>



Do's

- filename01_EN.txt
- filename01_HU.txt
- filename02_EN.txt
- filename02_HU.txt
- filename03_EN.txt
- filename03_HU.txt
- filename04_EN.txt
- filename04_HU.txt
- filename05_EN.txt
- filename05_HU.txt
- filename06_EN.txt
- filename06_HU.txt
- filename07_EN.txt
- filename07_HU.txt
- filename08_EN.txt
- filename08_HU.txt
- filename09_EN.txt
- filename09_HU.txt
- filename10_EN.txt
- filename10_HU.txt

Use **identical filenames** for each document pair (source – translation)



Do's

- filename01_EN.txt
- filename01_HU.txt
- filename02_EN.txt
- filename02_HU.txt
- filename03_EN.txt
- filename03_HU.txt
- filename04_EN.txt
- filename04_HU.txt
- filename05_EN.txt
- filename05_HU.txt
- filename06_EN.txt
- filename06_HU.txt
- filename07_EN.txt
- filename07_HU.txt
- filename08_EN.txt
- filename08_HU.txt
- filename09_EN.txt
- filename09_HU.txt
- filename10_EN.txt
- filename10_HU.txt

Include **language identifiers** in the filename



Όνομα

- τεκστ.txt
- Μετάφραση αναφοράς.txt
- κείμενο.txt
- traduction française.txt
- texte.txt
- text.txt
- report.txt
- report in Bulgarian.txt
- README.txt

Αρχείο επεξεργασίας μορφής προφορική ομιλία

English	Bulgarian	French	Greek
text.txt	текст.txt	texte.txt	κείμενο.txt
report.txt	report in Bulgarian.txt	traduction française.txt	Μετάφραση αναφοράς.txt

Criteria for grouping your data into meaningful datasets



- A dataset is a collection of data **grouped according to certain criteria**
- For the purpose of enhancing and adapting CEF eTranslation, two criteria are critical:
 - **Language(s)**: each collection is defined by the language or language pairs of its data, e.g.
 - *Collection of texts in **English – Hungarian***
 - *Documents in **English – Hungarian - French***
 - **Domain**: each collection ideally belongs to a single domain, e.g.
 - *Collection of texts in English – Hungarian **in the culture domain***
 - ***Social security** documents in English – Hungarian- French*

- Administrative/regulatory domain and
- Topics relevant to the CEF DSIs

CEF DSI	Domain
Online Dispute Resolution	Consumers' rights, complaints
Electronic Exchange of Social Security Information	Social security, insurance
eProcurement	Public procurement, contractual agreements
European e-Justice Portal	Justice, Law
eHealth	Health, Medicine
Business Registers Interconnection System	Business, market
Safer Internet	
Cybersecurity	
Public Open Data	
Europeana	Culture

How to contribute your data to CEF eTranslation

A step-by-step guide

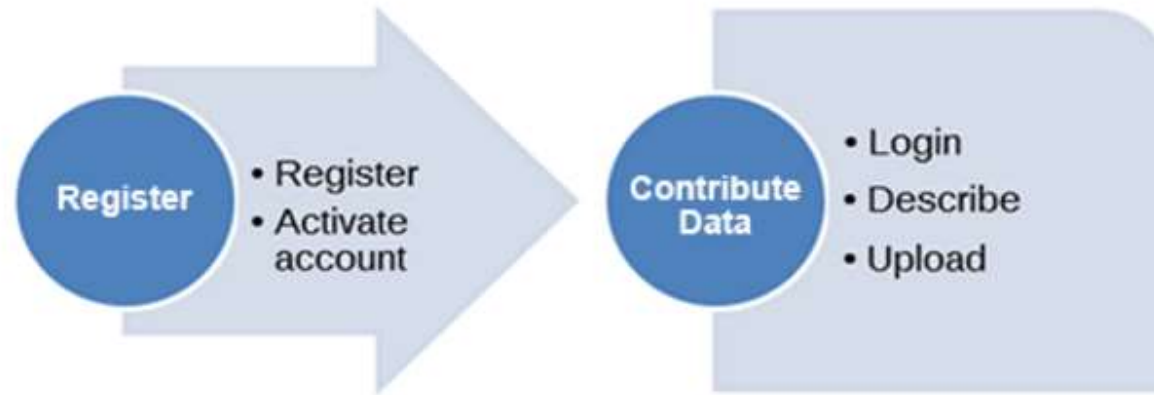
The ELRC-SHARE Repository

- Access to, sharing and contribution of language resources
- Access to tools and services catalogue (upcoming)

<https://elrc-share.eu>



The screenshot shows the homepage of the ELRC-SHARE repository. At the top, there is a navigation menu with links for Home, Browse Resources, Help, About, Register, and Login. The main header features the text "ELRC-SHARE Repository" overlaid on a background image of various European national flags. Below the header, a status bar indicates "52 language resources at your disposal (and counting)". A search bar with the placeholder text "Type in your keywords, please..." and a blue "Search" button is positioned below the status bar. The main content area begins with a welcome message: "Welcome to the ELRC-SHARE repository!". This is followed by a paragraph explaining that the repository is used for documenting, storing, browsing, and accessing language resources collected through the European Language Resource Coordination, which are considered useful for feeding the CEF Automated Translation (CEF.AT) platform. A final paragraph states that users can contribute resources by registering (new user) or logging in (returning user) and then describing and uploading their data via a simple form.



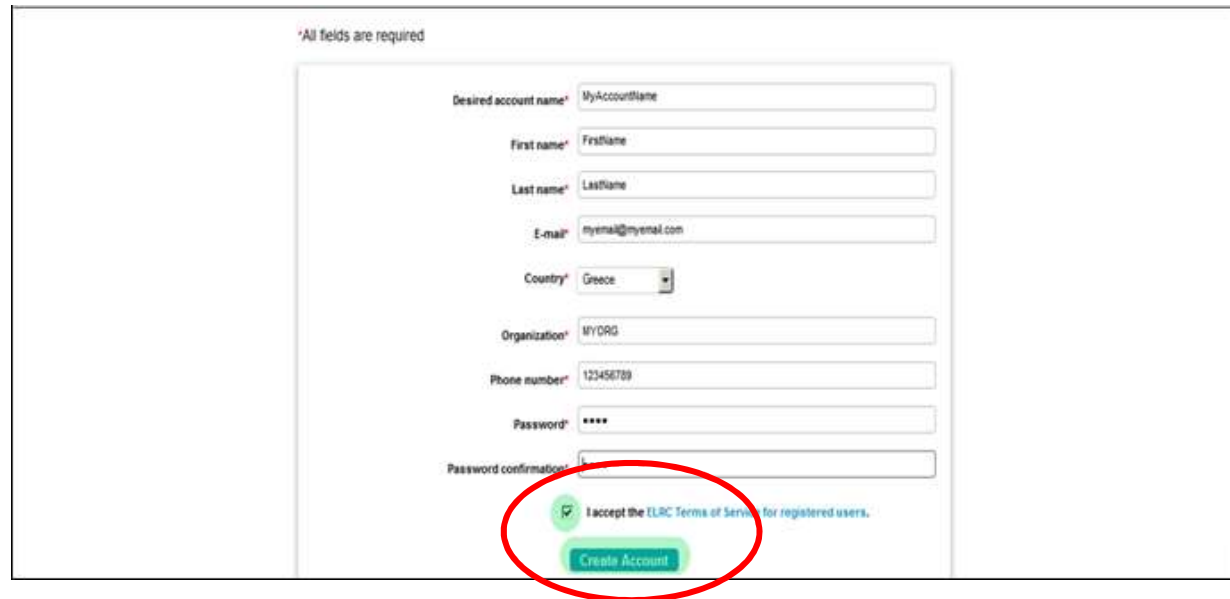
How to Register (1/2)



Welcome to the ELRC-SHARE repository!

- Fill in the required info
- Read the *Terms of Service* and click *Accept*, if you agree
- Click the *Create Account* button
- Activate your account according to the guidelines emailed to you

*All fields are required



The screenshot shows a registration form with the following fields: Desired account name (MyAccountName), First name (Firstname), Last name (Lastname), E-mail (myemail@myemail.com), Country (Greece), Organization (MYDRG), Phone number (123456789), Password (****), and Password confirmation. A red circle highlights the 'I accept the ELRC Terms of Service for registered users.' checkbox and the 'Create Account' button.

Desired account name: MyAccountName

First name: Firstname

Last name: Lastname

E-mail: myemail@myemail.com

Country: Greece

Organization: MYDRG

Phone number: 123456789

Password: ****

Password confirmation:

I accept the ELRC Terms of Service for registered users.

Create Account



New Resource

Resource Title*

The name by which the resource is already known or by which you would like it to be known; e.g. "The GSRT bilingual corpus of Greek-English bulletins"



- Fill in the details of the dataset

Resource Title*

The name by which the resource is already known or by which you would like it to be known, e.g. "The GSRT bilingual corpus of Greek-English bulletins"

Resource short description*

A short description, including any information considered useful about the resource, e.g. whether it's a dataset (collection of documents) or a lexicon, glossary, terminological resource, etc., its size, language(s), classification information (e.g. health reports, news bulletins, lexicon of sports terminology etc.)

Language(s)

- Three modes for contributing your data

Contribution Mode*

- Upload ZIP archive
- Provide URL of resources
- eDelivery (Generate XML file to attach to your eDelivery contribution)

Please select the way you wish to contribute your data. Uploading a ZIP archive is recommended.

Upload Resource*

Choose File No file chosen

Please upload a **.zip file** up to 100MB.

In case the **.zip file** file you wish to upload is larger than 100MB, please contact elrc-share@ilsp.gr

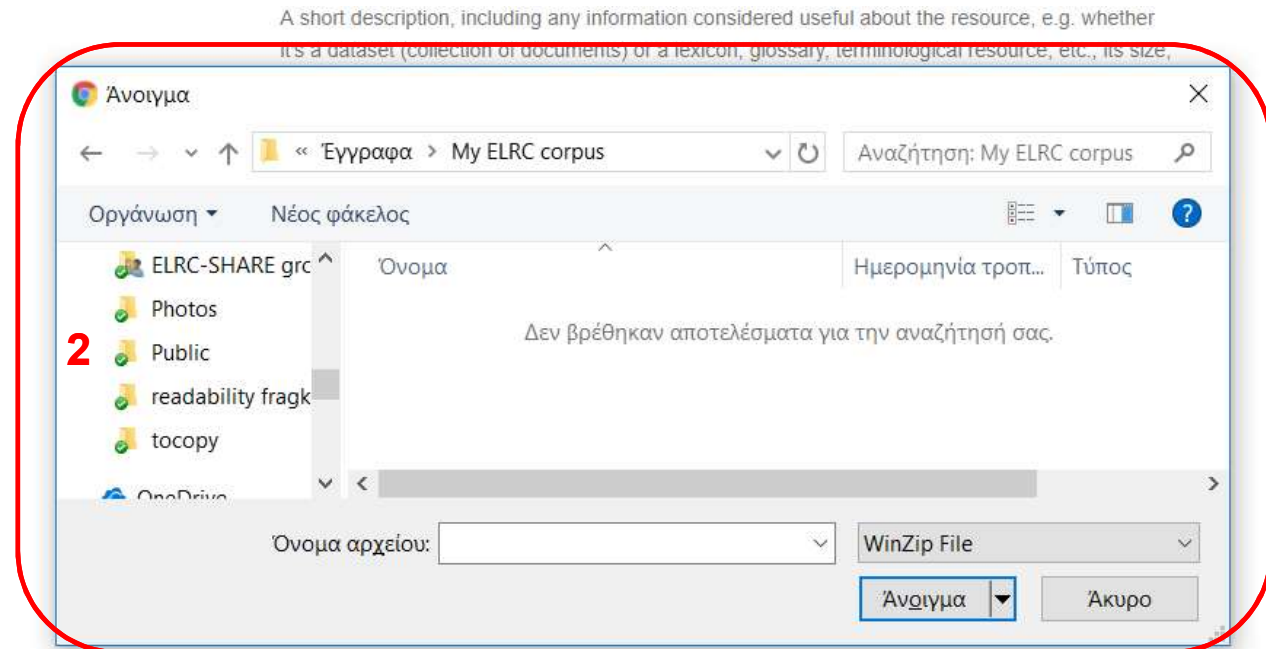
Submit

Reset



- Free file compression tools (indicative):
 - 7zip
 - PeaZip
 - Hamster Free Zip Archiver
 - Universal Extractor
 - ZipltFree
- Windows embedded compression functionality

1. Click on Choose file
2. Locate your resource in your hard disk
3. Click on Submit



Upload Resource

1 Choose File No file chosen

Please upload a .zip file up to 100MB.

In case the .zip file you wish to upload is larger than 100MB, please contact elrc-share@ilsp.gr

3

Submit

Reset



- Alternatively indicate a url (directory listing)

Language(s)*

Bulgarian
Czech
Croatian
Danish
Dutch; Flemish
English
Estonian
Finnish
French
German
Hungarian

The language(s) of the resource; for resources with multiple languages, hold down CTRL key to select multiple values

Contribution Mode*

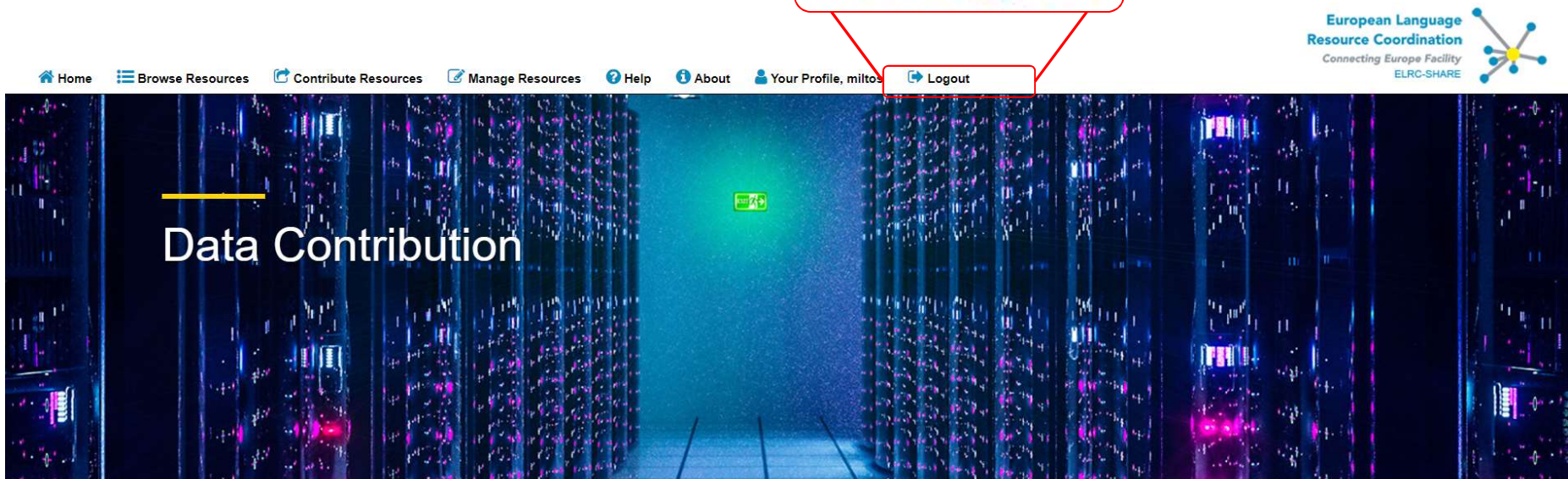
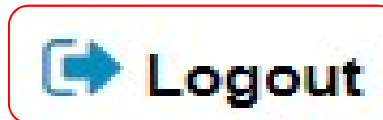
Upload ZIP archive
 Provide URL of resources

Please select the way you wish to contribute your data. Uploading a ZIP archive is recommended.

Resource URL*

Please provide a URL containing the files you wish to contribute

- Repeat the process if you want to contribute another resource, or log out



The screenshot shows the top navigation bar of the ELRC-SHARE website. The navigation items are: Home, Browse Resources, Contribute Resources, Manage Resources, Help, About, Your Profile, milto, and Logout. The Logout link is highlighted with a red-bordered callout box. The main content area features a background image of a server room with the text "Data Contribution" overlaid in white. The ELRC-SHARE logo is visible in the top right corner of the screenshot.



Help

Documentation on the ELRC-SHARE editor

The following guidelines provide detailed information on how to use the editing facility for documenting and uploading LRs:

- [Walkthrough for contributors](#)
- [Walkthrough for editors](#)

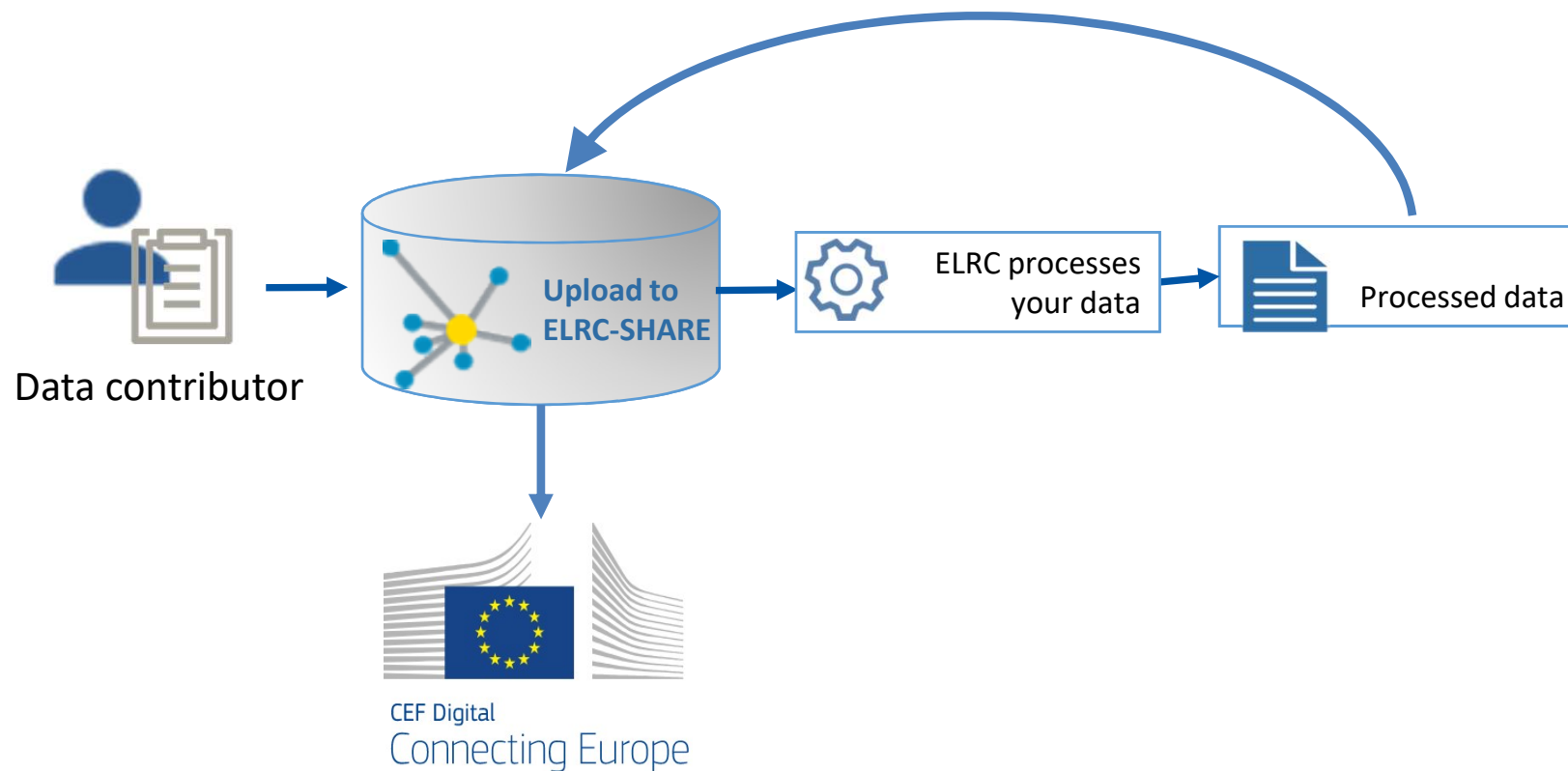
ELRC-SHARE schema

- [ELRC-SHARE schema XSD](#) (based on the META-SHARE Schema)
- [Documentation about the schema](#)



What happens next?

What happens to your data?





Data extraction

If your data is trapped in archives and databases, we can help extract it



Anonymisation

Does your data contain private info? We can help to anonymise



Cleaning

If your data is messy (i.e., lots of noise), we will clean it up



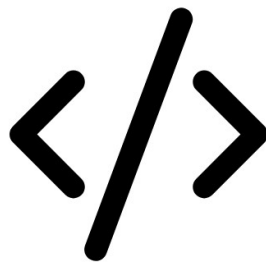
Re-formatting

Need to re-format DOCX to XML, or PDF to WORD? Let us do it for you!



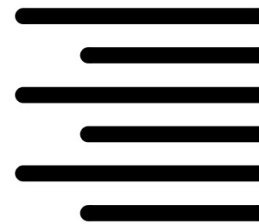
Data conversion

If your data isn't converted to the proper formats, we can help convert it



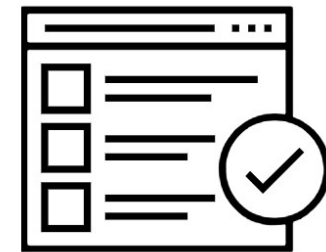
Tag removal

Does your data contain unneeded tags? We can assist in removing them!



Alignment

Translations aren't aligned? We'll do it for you with our tools!



Metadata

Metadata are crucial! We can organise and validate metadata for your team

File01_hu.txt
File01_en.doc
File02_hu.pdf
File02_en.txt
File03_hu.doc
File03_en.doc
...

After
processing

```
<tu tuid="3931">  
  <tuv xml:lang="en">  
    <seg>Weights: they express the typical  
    percentages the groups of different goods or services  
    represent within the total expenditures of  
    households.</seg> </tuv>  
  <tuv xml:lang="hu">  
    <seg>Súlyarány: kifejezi, hogy az egyes termékek és  
    szolgáltatások csoportjai a lakosság összes kiadásán  
    belül milyen jellemző százalékarányt  
    képviselnek.</seg></tuv></tu>  
<tu tuid="3932">  
  <tuv xml:lang="en">  
    <seg>Weights are revised annually, based on household  
    consumption in the year two years before the reference  
    year.</seg>  
  </tuv>  
  <tuv xml:lang="hu">  
    <seg>A súlyok felülvizsgálata évente történik, a  
    tárgyévet két évvel megelőző év lakossági fogyasztása  
    alapján.</seg></tuv></tu>
```

Translations of Hungarian from public websites (Processed)

Attribution details: Research Institute for Linguistics, Hungarian Academy of Sciences

A webcrawl of 14 different websites covering parallel corpora of Hungarian with Polish, Czech, Swedish, Finnish, French, German, Italian, English and Slovenian (Processed)

[← Back](#) [Download](#) [Edit Resource](#)

Distribution

Availability: Available

Licences

Terms for PSI-compliant resources

Open Under-PSI

Distribution Details

Attribution Details: Research Institute for Linguistics, Hungarian Academy of Sciences

Contact Person

Tamas Varadi 

text 

Multilingual text corpus

Languages

Dutch; Flemish (nl)

Slovenian (sl)

German (de)

Czech (cs)

Hungarian (hu)

English (en)

Polish (pl)

Finnish (fi)

Swedish (sv)

French (fr)

Linguality

Linguality type: Multilingual

Text Format

TMX

Size

13 Files


11,087 Translation Units

Character encoding

UTF-8

Resource Creation

Resource Creator

Tamas Varadi 

Funding Project

European Language Resource Coordination LOT3 (ELRC Data - Tools and Resources for CEF Automated Translation - LOT3 (SMART 2015/1091 - 30-CE-0816766/00-92))

URL: <http://www.lr-coordi...>

Funding Type: Service Contract

Funder: European Commission

Funding Country: European Union (EU)

Project duration: 13/12/2016 - 12/02/2020

Metadata

Created: 20/07/2017

Metadata Language: English (en)

Metadata Creator

Fraser Bowen 

Version

Version: 2.0

Relations

Related Resource: [Translations of Hungarian from public websites](#)

Relation Type: Is Aligned Version Of



All these services can also be offered on-site to all data contributors free of charge



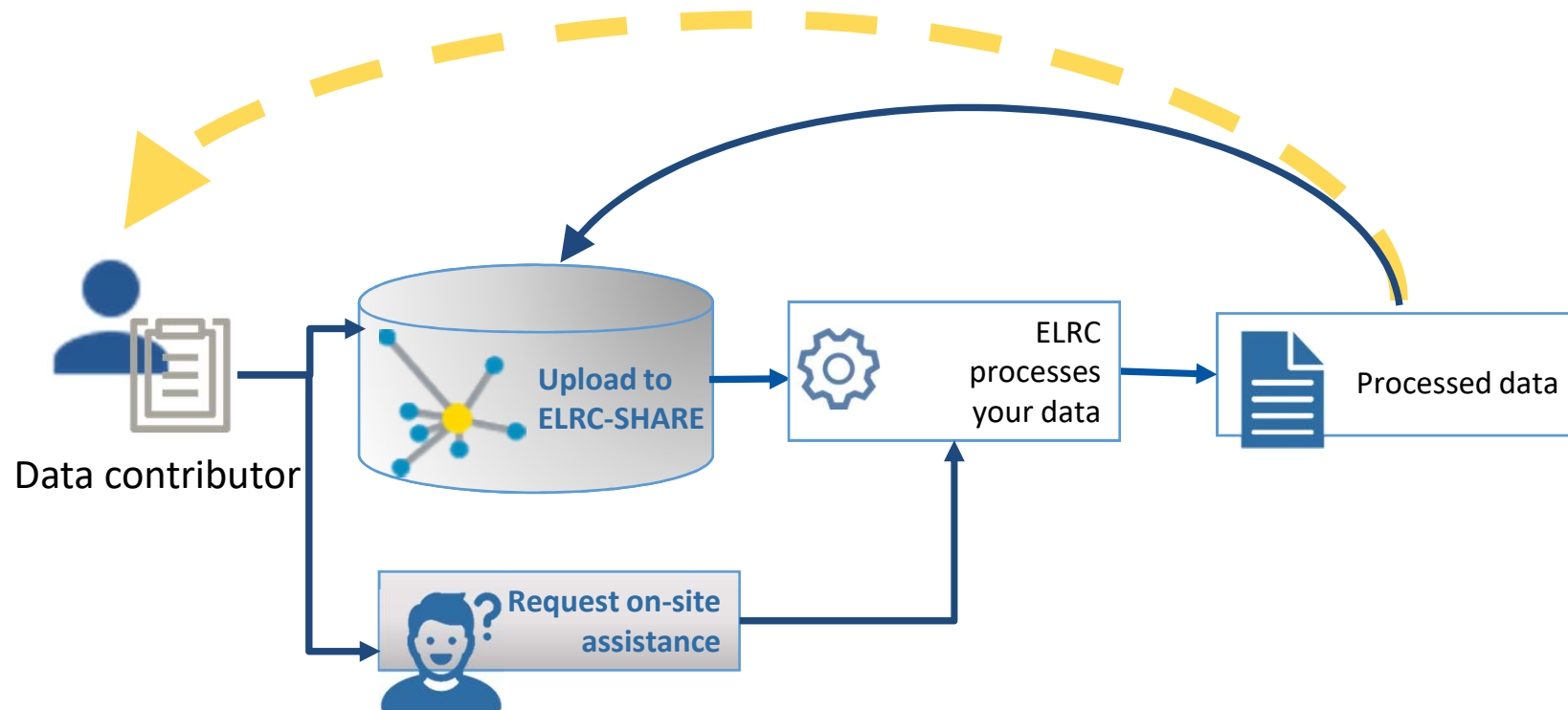


**Our team of experts will travel
directly to assist you
at your own offices**



We will fix your data issues and return the processed data directly to you. We can also help to improve your data management processes. Just ask!

What happens to your data?



How to request services and help



www.lr-coordination.eu/request-onsite-assistance

Submit a request for on-site assistance by filling out the form below. See a list of services [here](#).

First name *

Last name *

Institution *

Country *

Email *

Types of assistance required *

- Legal assistance
- Data processing
- Anonymisation
- Other

Description of assistance required

Submit

www.lr-coordination.eu/helpdesk

[Home](#) [Discover](#) [Resources](#) [Services](#) [Events](#) [Anchor Points](#) [News](#) [Helpdesk](#)



Helpdesk for Language
Resources

Please feel free to contact us through one of the following channels:

Telephone* **+33 970 440 522**

Secretariat Support **+49 681 857 7552 85**

Skype **ELRC Helpdesk**

E-mail help@lr-cooridantion.eu

Köszönöm!

Email: info@lr-coordination.eu

Website: www.lr-coordination.eu



Icons used in this presentation



- By [Michael Mellon](#), GB, , CC-BY 3.0 US
- By [Joana Pereira](#), BR, CC-BY 3.0 US
- By [Becca O'Shea](#), NZ, CC-BY 3.0 US
- By [Creative Stall](#), Basic licence www.iconfinder.com
- By [Creative Stall](#), PK, CC-BY 3.0 US
- By [Arthur Shlain](#), IL, CC-BY 3.0 US
- By [Shmidt Sergey](#), US, CC-BY 3.0 US
- By [Gregor Cresnar](#), CC-BY 3.0 US
- By [anbileru adaleru](#), CC-BY 3.0 US
- By [Vectors Market](#), CC-BY 3.0 US