Webinar

Keep.eu: API & more

Elisa Bertieri, Janne Kiilunen, Rafael Agostinho| Interact | 28.01.2025

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Interreg

Agenda

01	02	03	04	05	06	07	08
Intro: How to make the most of this webinar	Keep.eu: What‘s in it for you and your pro-gramme	Q&A	Keep.eu’s API: What it includes, how it can be used, examples of use	Q&A	State of play of data, main issues	Q&A	Next steps, evaluation, suggestion for future events

Keep.eu

Intro: How to make the most of this webinar

Rafael F. Agostinho | 28.01.2025

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How to make the most of this webinar

Each presenter introduces a specific issue, as in the agenda.

Please feel free to write any questions or requests in the Q&A or to just raise your hand and speak when the moderator gives you the floor.

You do not need to take notes because we will make our presentations available to you.

Please keep your microphone muted until the moderator gives you the floor.

How to make the most of this webinar

Who will be delivering it

Rafael Agostinho (product and project manager)
Education: Communication, management. Before joining Interact: Communications, project manager, management consultant.

Janne Kiilunen (technical manager)
Education: Telecommunications. Before joining Interact: Telecommunications (coordination, project planning and software specialist work).

Elisa Bertieri (data manager)
Education: Political science. Before joining Interact: Communication management.

Webinar: Keep.eu

Keep.eu: What's in it for you and your programme

Rafael F. Agostinho | 28.01.2025

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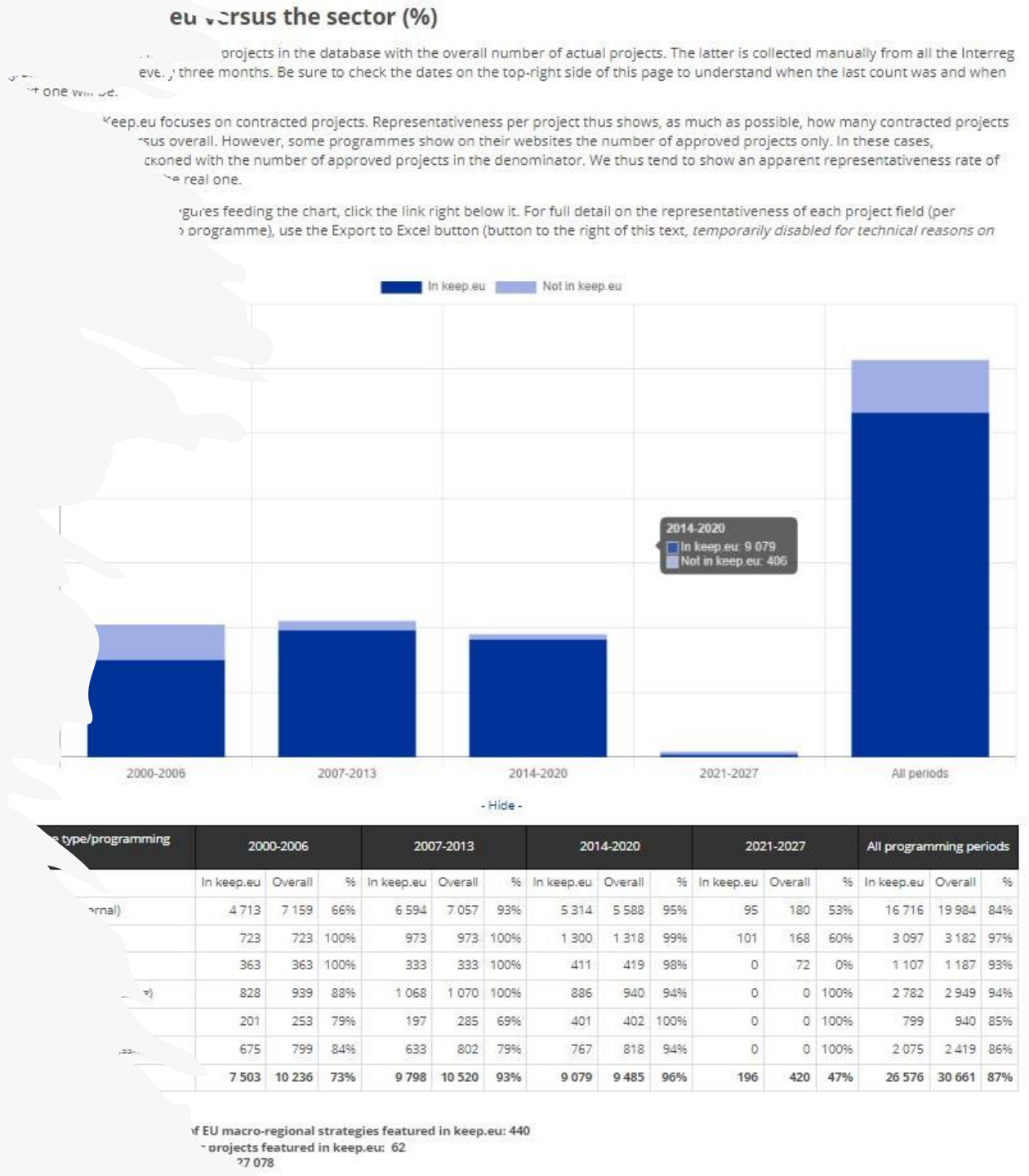
Keep.eu's mission

Originally *KEEP*, *Knowledge and Expertise in European Programmes.*

Set up by Interact in 2009, in consultation with Interreg programmes and the European Commission. First online in 2011.



eu versus the sector (%)

projects in the database with the overall number of actual projects. The latter is collected manually from all the Interreg
eve. three months. Be sure to check the dates on the top-right side of this page to understand when the last count was and when

Keep.eu focuses on contracted projects. Representativeness per project thus shows, as much as possible, how many contracted projects
sus overall. However, some programmes show on their websites the number of approved projects only. In these cases,
ckoned with the number of approved projects in the denominator. We thus tend to show an apparent representativeness rate of
e real one.

gures feeding the chart, click the link right below it. For full detail on the representativeness of each project field (per
programme), use the Export to Excel button (button to the right of this text, *temporarily disabled for technical reasons on*

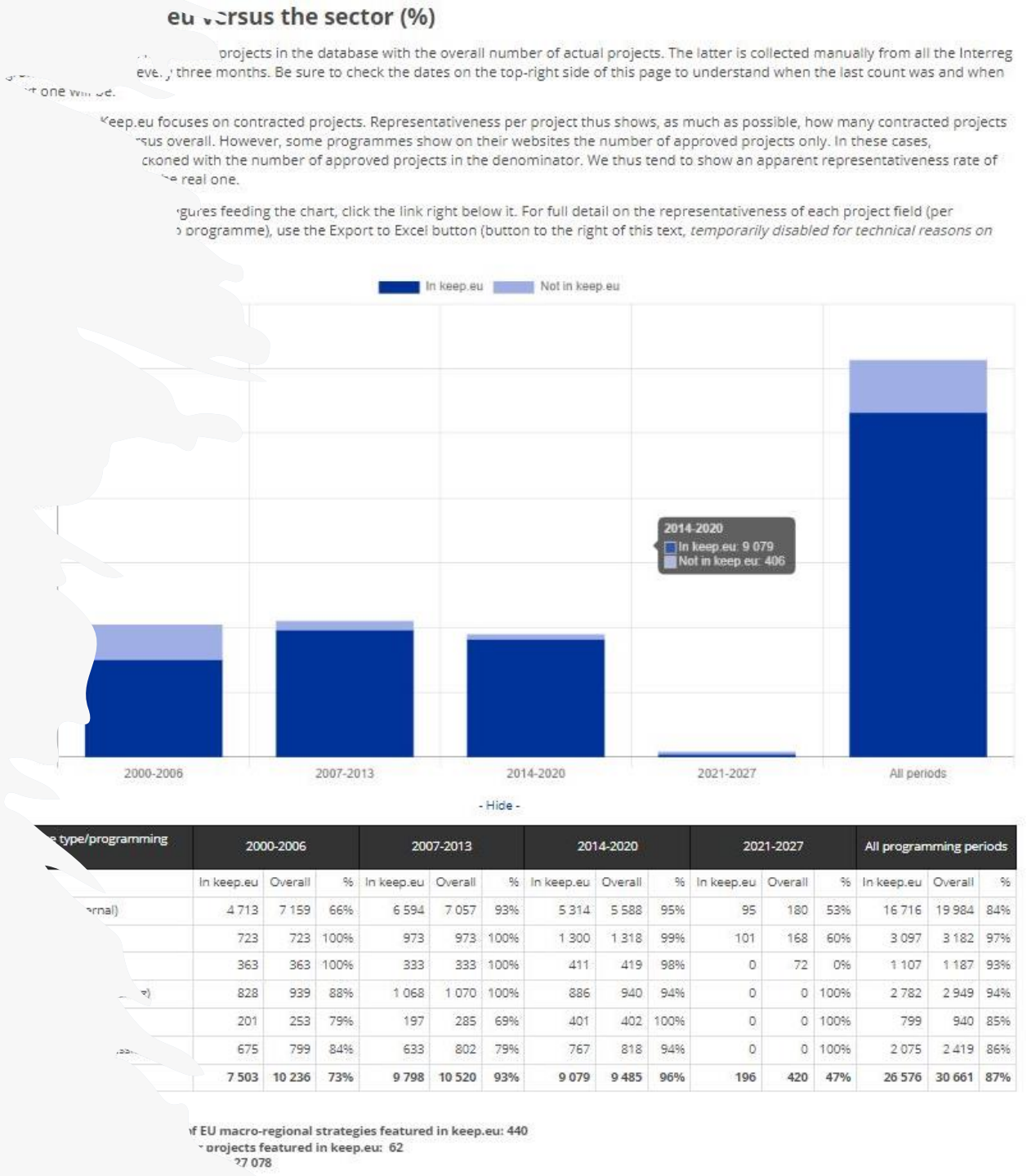
- Hide -

type/programming	2000-2006			2007-2013			2014-2020			2021-2027			All programming periods		
	In keep.eu	Overall	%	In keep.eu	Overall	%	In keep.eu	Overall	%	In keep.eu	Overall	%	In keep.eu	Overall	%
rnal)	4 713	7 159	66%	6 594	7 057	93%	5 314	5 588	95%	95	180	53%	16 716	19 984	84%
	723	723	100%	973	973	100%	1 300	1 318	99%	101	168	60%	3 097	3 182	97%
	363	363	100%	333	333	100%	411	419	98%	0	72	0%	1 107	1 187	93%
	828	939	88%	1 068	1 070	100%	886	940	94%	0	0	100%	2 782	2 949	94%
	201	253	79%	197	285	69%	401	402	100%	0	0	100%	799	940	85%
	675	799	84%	633	802	79%	767	818	94%	0	0	100%	2 075	2 419	86%
	7 503	**10 236**	**73%**	**9 798**	**10 520**	**93%**	**9 079**	**9 485**	**96%**	**196**	**420**	**47%**	**26 576**	**30 661**	**87%**

f EU macro-regional strategies featured in keep.eu: 440
projects featured in keep.eu: 62
27 078

Keep.eu's mission

To collect, curate, aggregate, publish and distribute data and meta-data on Interreg and Interreg-related current and past projects, partners and programmes, for the benefit of Interreg and its direct (professional) stakeholders.



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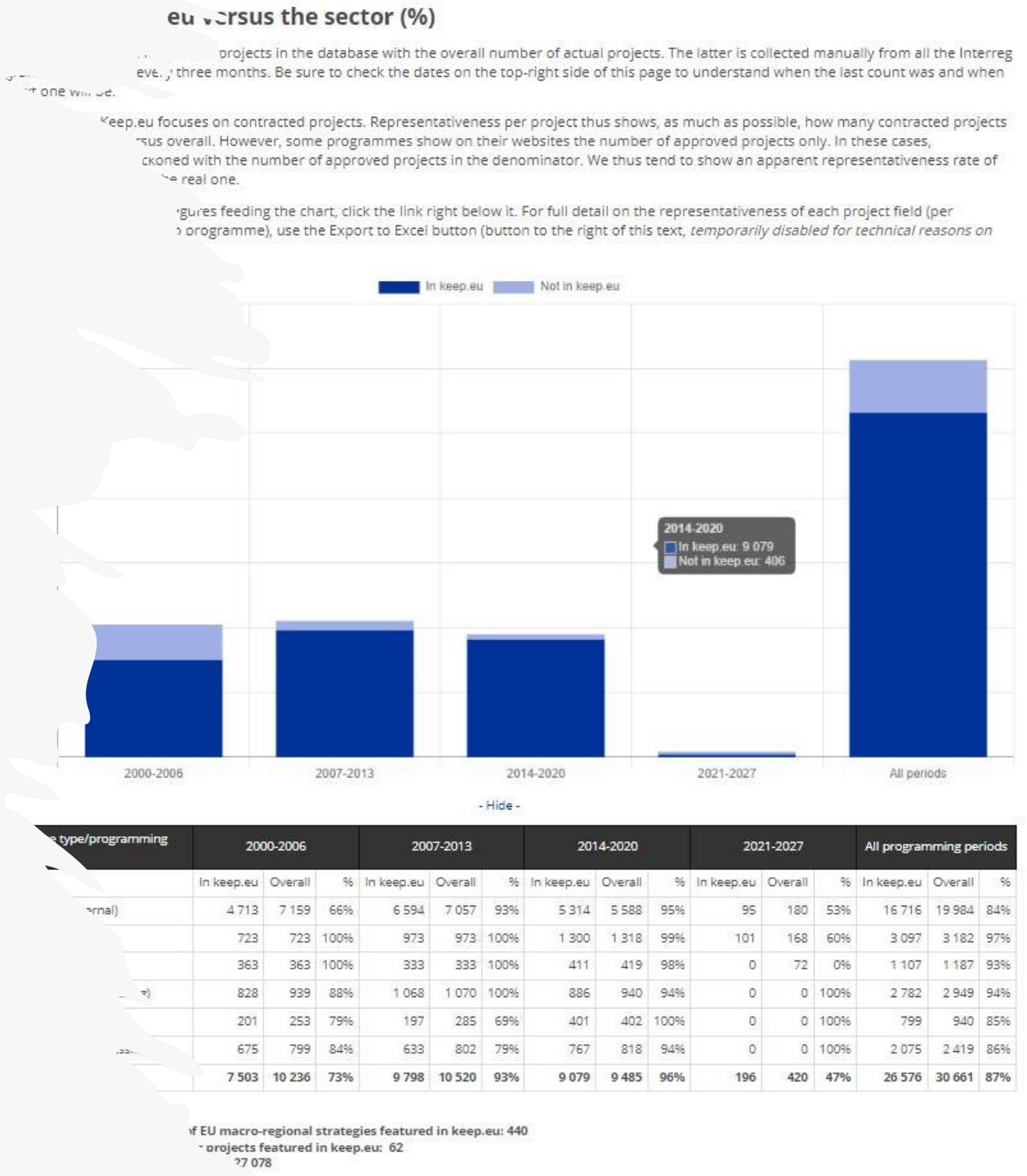
Keep.eu's mission

Basic (data) layer for:

- Project management (ideas, documentation from previous projects, partner finding, …)
- Programme management (looking out for similar programmes, understanding previous projects in the area, …)
- Communication (project documentation, thematic x geographic project finding, …)'
- …



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Keep.eu's challenges are those of a knowledge-management tool

Challenges of data integrity

- **Accessibility.** (Are the data easily available?)
- **Completeness.** (Are the data complete? Are critical data fields populated?)
- **Correctness.** (Are formats as expected? Is the format consistent?)
- **Timeliness.** (Are the data updated, timely delivered, compared and aggregated?)
- **Synchronisation.** (Do proper links exist? Are data relationships consistent?)
- **Usage.** (Are data effectively used and relevant?)

Keep.eu

Keep.eu: Quick overview of contents

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Webinar: Keep.eu

Keep.eu: Coming up (a quick rundown)

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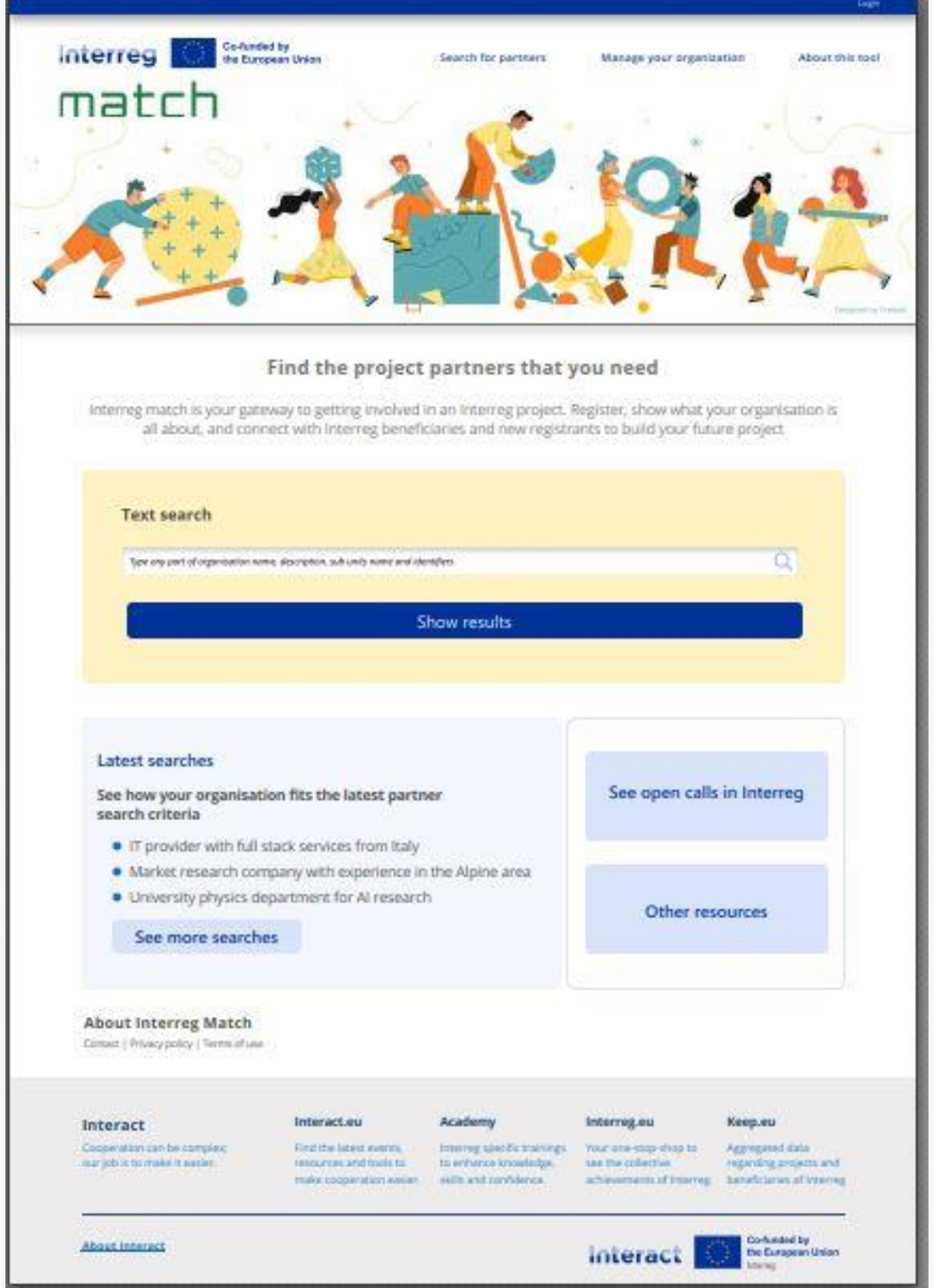
Keep.eu: Coming up (a quick rundown)

More support to programmes: One-to-one meetings.

Keep.eu's API.

Interreg Match, a new partner-search platform.


Interreg
Co-funded by the European Union
Search for partners
Manage your organization
About this tool
match
Find the project partners that you need
Interreg match is your gateway to getting involved in an Interreg project. Register, show what your organisation is all about, and connect with Interreg beneficiaries and new registrants to build your future project
Text search
Show results
Latest searches
See how your organisation fits the latest partner search criteria
IT provider with full stack services from Italy
Market research company with experience in the Alpine area
University physics department for AI research
See more searches
See open calls in Interreg
Other resources
About Interreg Match
Interact
Interact.eu
Academy
Interreg.eu
Keep.eu
About Interact
interact

Keep.eu: Coming up (a quick rundown)

More support to programmes: One-to-one meetings.

Keep.eu's API.

Interreg Match, a new partner-search platform.

Direct updating of projects and uploading of documents into keep.eu by programmes.

New tutorials and short courses for keep.eu's users.

Proxy of good practices and project connections.

Webinar on keep.eu: API & more

Keep.eu's API: What it includes, how it can be used, examples of use

Janne Kiilunen | 28.01.2025

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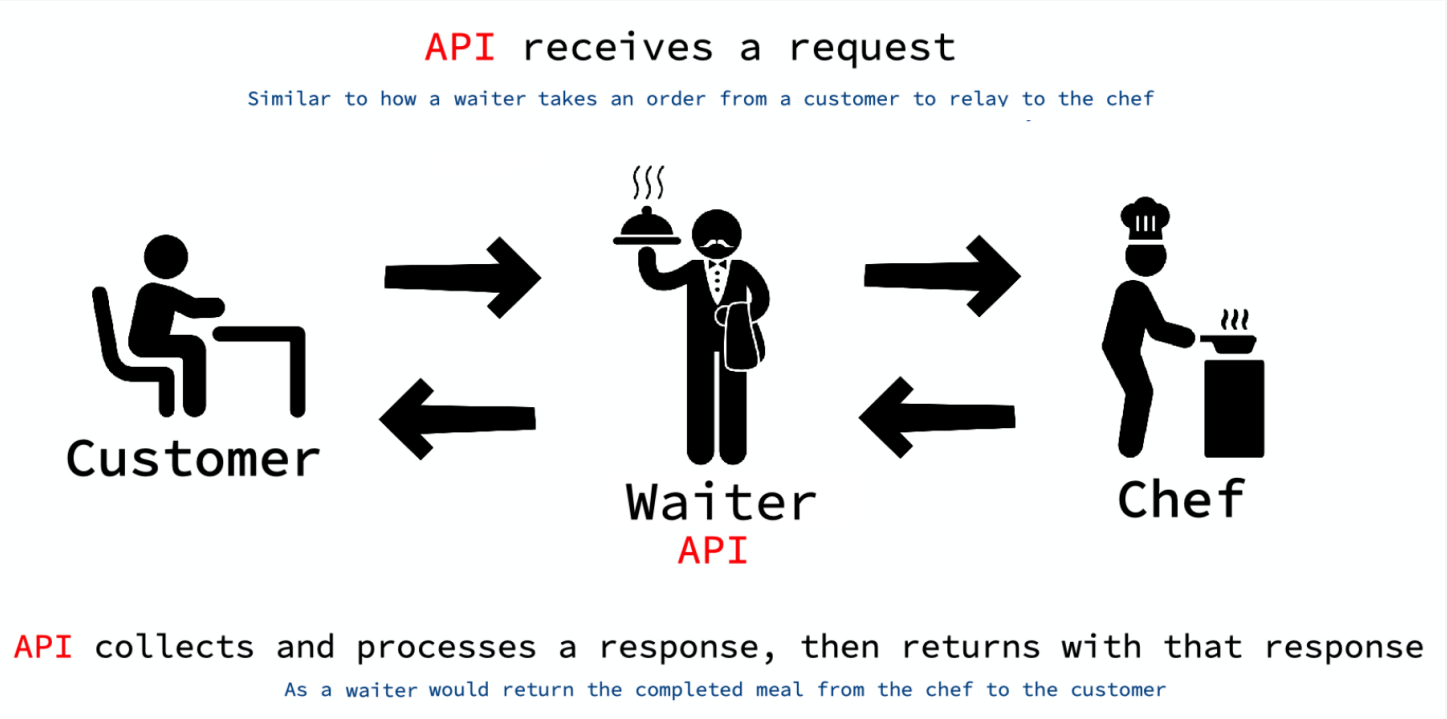
What is an API?

An application programming interface (API) is a way for two or more computer programs to communicate with each other



What is an API?

Human to human	Express thoughts, needs, ideas, through language (written or spoken), gestures or expressions.
Human to machine	User Interface (UI) components needed, screen, keyboard, mouse, etc.
Machine to machine	No need for graphical elements but machine-readable interfaces called API.

What is keep.eu API?

A new API Web service allows access to data from keep.eu in an Open Data standard way. Keep.eu API enables user to retrieve information about programmes, projects, partnerships and open calls with ease.

- Machine-to-machine
- **API Web service allowing to access keep.eu data in Open standard way**
- Json
- API key
- Access to whole data or filter

Example of keep.eu's API json-file?


```
"programmes": [
    {
        "id": 370,
        "title": "2021 - 2027 Interreg VI-A France-Belgium-Germany-Luxembourg (Grande Région/Großregion)",
        "period": "2021-2027",
        "cci": "2021TC16RFCB040",
        "website": "http://www.interreg-gr.eu/de/",
        "website_ec": null,
        "type": "Cross-border (internal)",
        "total_no_of_projects": 50,
        "projects_in_keep": 50,
        "total_no_of_partnerships": 256,
        "partnerships_in_keep": 256,
        "total_budget_includingTA": "303237335.00",
        "eu_funding_includingTA": "181942401.00",
        "total_budget": "0.00",
        "eu_funding": "0.00",
        "co_financing_sources": [],
        "cooperation_programme": "https://interreg-gr.eu/de/dokumente-und-tools/kooperationsprogramm-und-eu-verordnungen/",
        "data_received_date": "2025-01-24",
        "date_of_data_import": "2025-05-07",
        "data_notes": "Retrieved from the programme's monitoring system (Jems) server on 2025-01-08.",
        "data_source": "",
        "languages_of_the_data": "English, French, German",
        "eligible_geographical_area": [
            {
                "nuts_id": "BE",
                "name": "Belgique/België",
                "name_en": "Belgium",
                "regions": [
                    {
                        "nuts_id": "BE341",
                        "name": "Arr. Arlon"
                    },
                    {
                        "nuts_id": "BE342",
                        "name": "Arr. Bastogne"
                    },
                    {
                        "nuts_id": "BE331",
                        "name": "Arr. Huy"
                    },
                    {
                        "nuts_id": "BE332",
                        "name": "Arr. Liège"
                    },
                    {
                        "nuts_id": "BE343",
                        "name": "Arr. Marche-en-Famenne"
                    },
                    {
                        "nuts_id": "BE344",
                        "name": "Arr. Neufchâteau"
```

```
{
    "partner_name": "Regione Liguria",
    "partner_translated_names": {
        "en": {
            "name_translated": "Liguria Region"
        },
        "it": {
            "name_translated": "Regione Liguria"
        }
    },
    "pic": "996097851",
    "beneficiary_id": "IT00849050109",
    "type": "lead",
    "organisation_type": "Regional public authority",
    "website": "http://www.regione.liguria.it",
    "country": {
        "name": "Italy",
        "iso_code": "IT"
    },
    "town": "Genova",
    "street": "Via Fieschi",
    "postcode": "16121",
    "location_address": "Via Fieschi, 16121 Genova GE, Italy",
    "location_json": "{'lat': 44.4043935, 'lng': 8.9360806}",
    "nuts": {
        "NUTS1": "Nord-Ovest",
        "NUTS2": "Liguria",
        "NUTS3": "Genova"
    },
    "department": "Vice Direzione Generale Agricoltura, Risorse naturale, Aree Protette e Interne e Marketing territoriale",
    "country_department": {
        "name": "Italy",
        "iso_code": "IT"
```

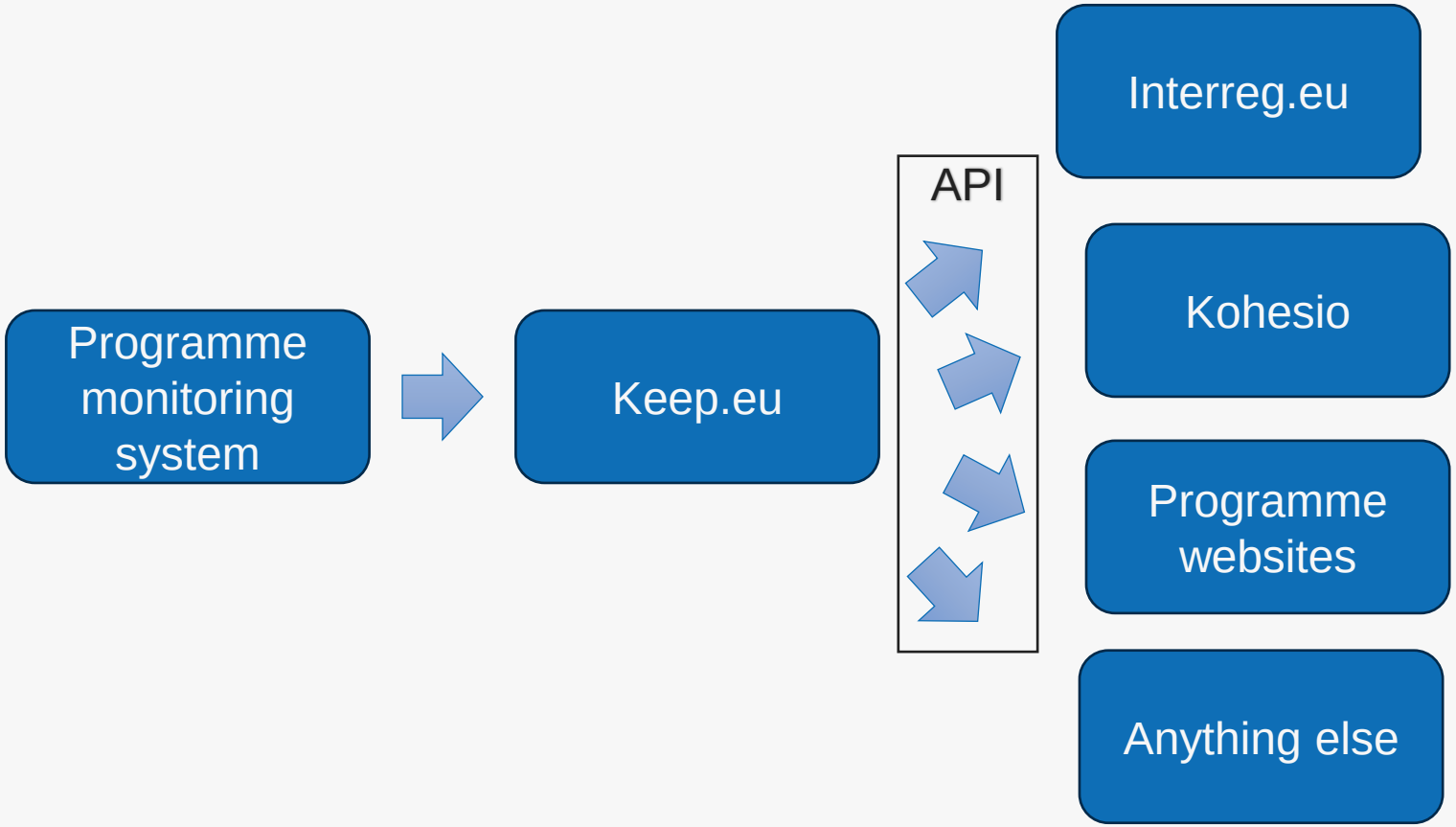
Who will benefit from keep.eu's API?

Interreg programmes	Building for example statistics, maps or any other elements to their websites.
Other platforms	For example Kohesio and interreg.eu
Researchers, think-tanks, consultancies	Accessing the whole keep.eu dataset or filtering the information based on the need.
Others	Member state representatives, National contact points, European Commission, etc.

How to benefit from keep.eu‘s API? - examples

Capitalisation	Getting a timeline of programme’s investments from all programming periods, e.g. how many piers were built from year 2000 to date.
Maps, charts and other graphical elements	Building maps, charts, etc from indicators in use, which themes are covered, how partners are collaborating between countries, etc.
Cooperation between programmes	Which projects continued from other programmes projects’ and took the best practices into use, which programmes are working in the same regions under certain theme (e.g. Cultural heritage and arts), etc.

How do the platforms connect to each other?



How to get access to keep.eu API?

- Register to keep.eu or log in to keep.eu with your Interact account
- **Send an email requesting access to keep.eu API to keep.support@interact.eu**
- Access will be granted and instructions provided how to use the keep.eu API

Terms of use of keep.eu data

Users are free to copy and redistribute the data, images, charts, maps and files obtained from keep.eu in any medium or format, and to build upon them for any lawful purpose. When using any of the mentioned material, users must give appropriate credit to keep.eu, provide a link to keep.eu and indicate if changes were made, further to any other reference that is required and indicated in the materials themselves. This can be done in any reasonable manner, but not in any way that suggests that the source (keep.eu) or its proprietor (Interact) endorses the user of this material or its use.

Webinar on keep.eu: API & more

State of play of data, main issues; fields on prizes and mentions and on project links

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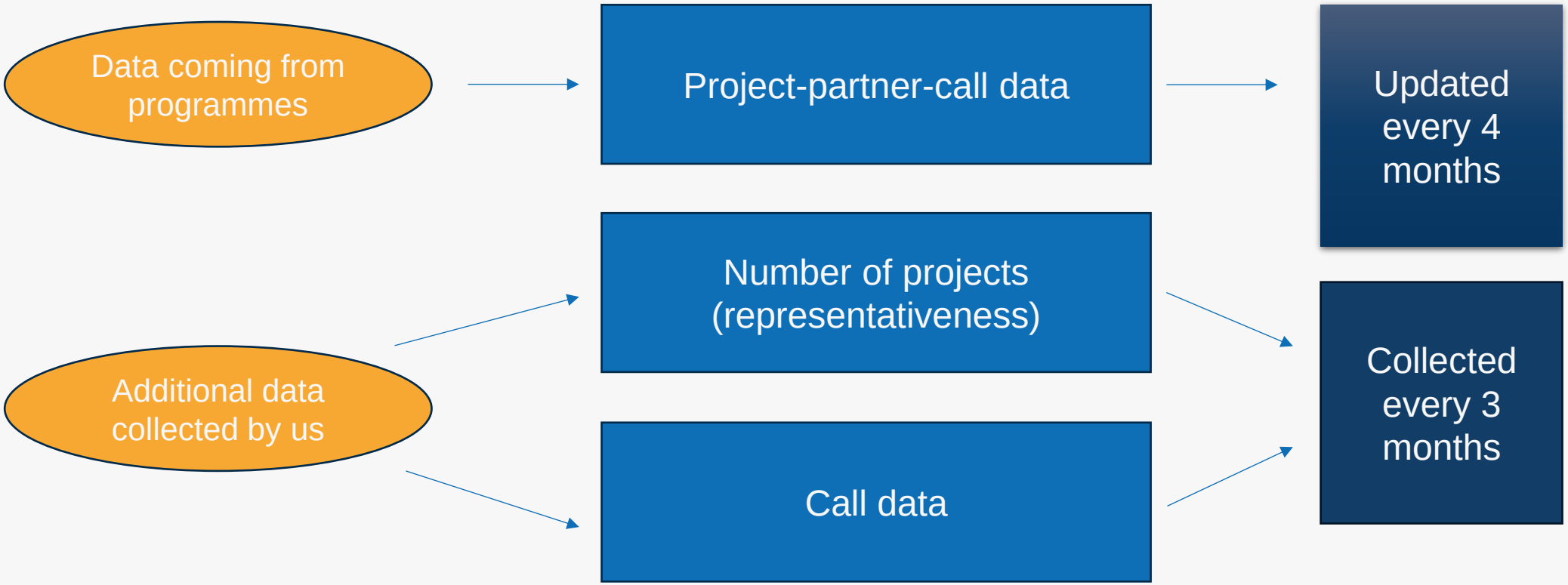
What kind of data we collect?

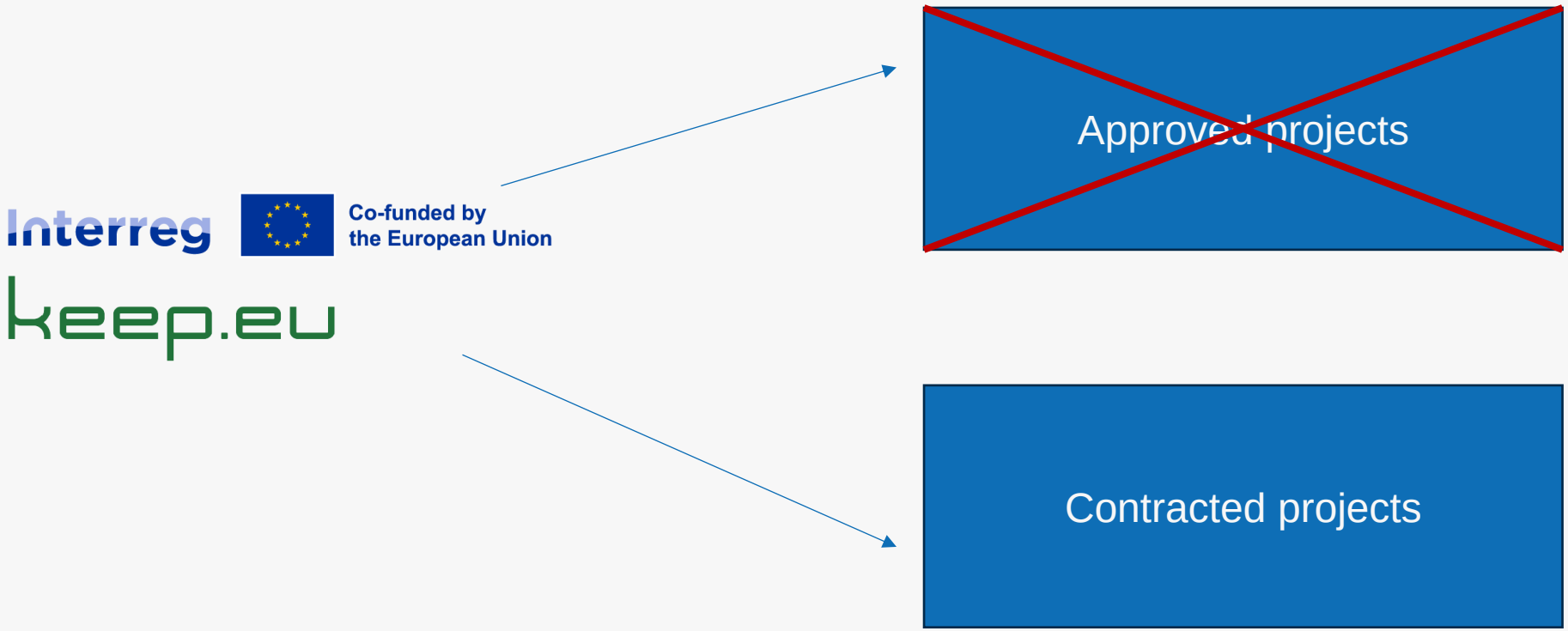


Representativeness

Information on this programme's project and partner data in keep.eu

Last month that keep.eu received data from the Programme or retrieved it from the Programme's website	9-2024
Foreseen date of new project-partner-call data importing	3-1-2025
Fields missing in data supplied by this programme	Download detailed Excel file with each programme's fill-out rate, per project field. Download detailed Excel file with each programme's fill-out rate, per partner field.
Language of the data in keep.eu	English, French, Italian (see challenge of language detection)
No. of projects in keep.eu / Total no. of projects (% of projects in keep.eu)	37 / 37 (100%)
No. of project partners in keep.eu / Total no. of project partners (% of project partners in keep.eu)	281 / 281 (100%)
Notes on the data	Source of estimation of the number of projects as of 2024-02-26: Website of the programme Method for estimating the number of partners as of 2024-05-31: Average partners per project based on the average of the previous period. Programme's webpage last visited on 204-08-30.
Source of the data in keep.eu	Programme's Jems.

Only contracted projects feature on keep.eu

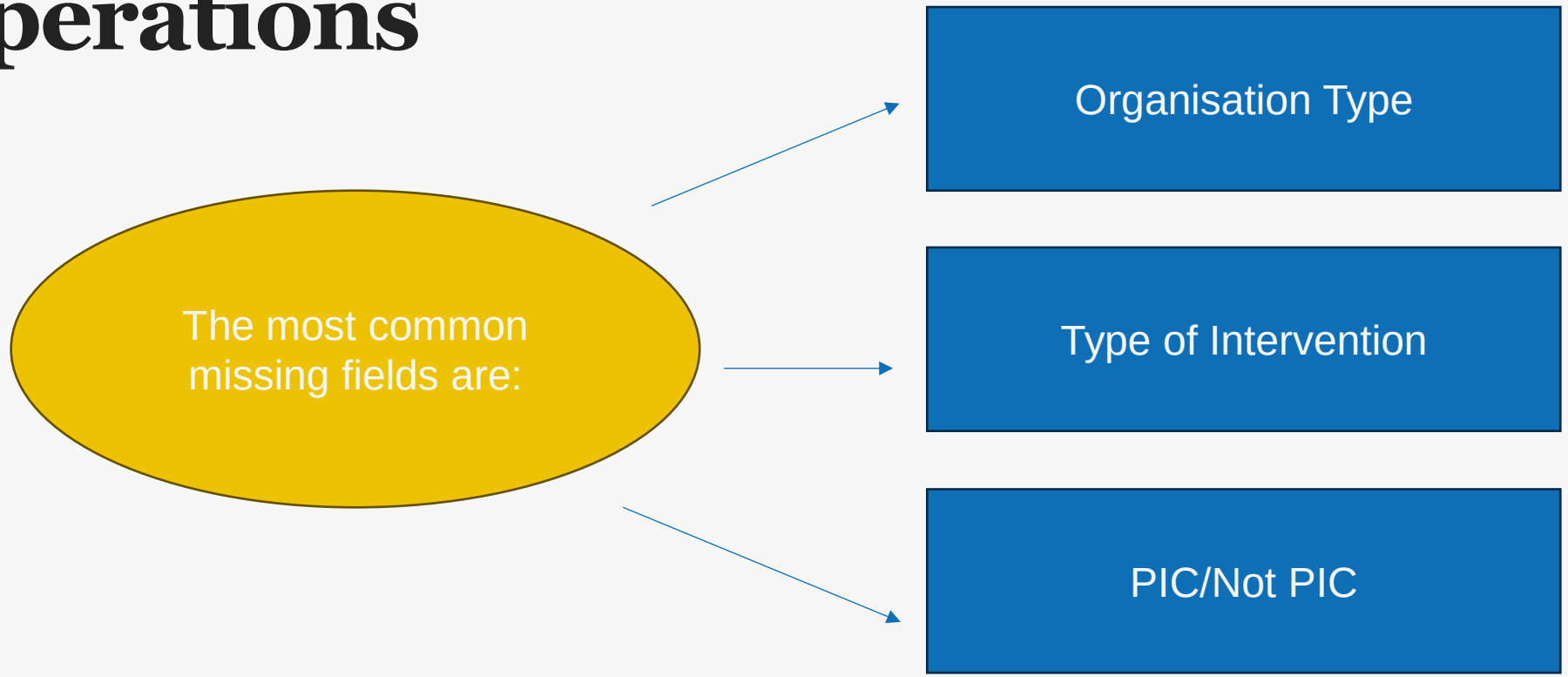


Data on calls

Project-partner-call data & list of operations

To enable a programme's list of operations, the data file we receive from your programme/ retrieve from your Jems's server, needs to fulfil all the mandatory fields listed here.

Mandatory data to enable list of operations



What is current

Issues and opportunities

Data management in keep.eu

New fields

Prizes and mentions

Project relations

Data management in keep.eu

Current issues

- New fields- indicators
- Meeting with programmes
- Fields on prizes and mentions
- Fields on project relations

New fields

Indicators

- Common Output Indicators
- Output Indicators
- Delivered Output Indicators
- Common Result Indicators
- Result Indicators

Meeting with programmes

Topics

- Data transfer
- Core data validation

Fields on prizes and mentions

User journey

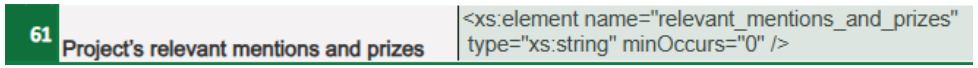
- Jems
- Own monitoring system
- Manual transfer

Fields on project relations

Indicators

- Jems
- Own monitoring system
- Manual transfer

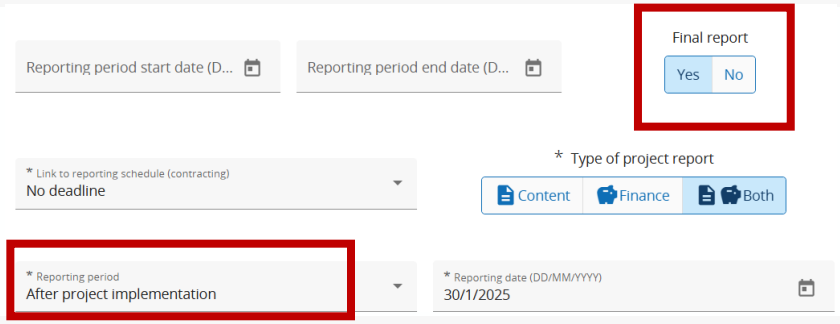
How to add prizes and mentions data to keep.eu

Automatic data transfer - jems	Available in Jems (more info in the next slide)
Automatic data transfer – own monitoring system	Available from the template to set up automatic data transfer in keep.eu, row 61 (here) 
Manual transfer	Available in the Excel template manually filled

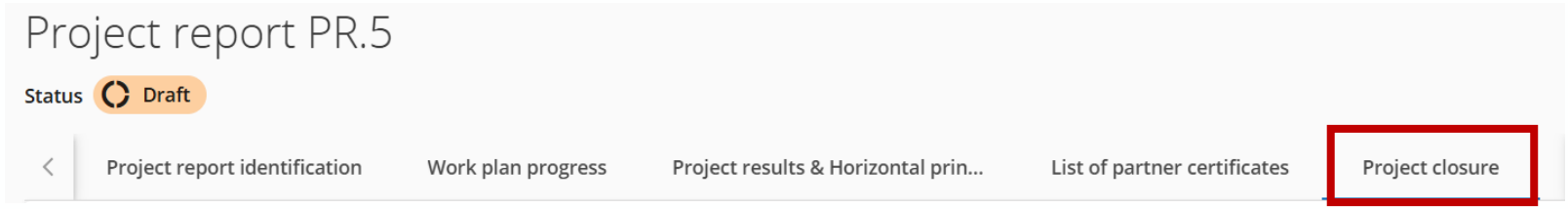
How to add prizes and mentions in jems

1 – Select project

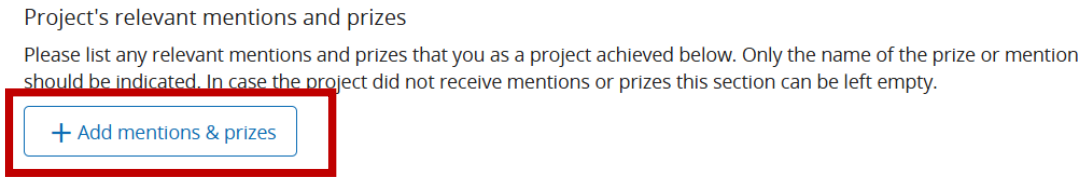
Project report ->
Final report ->
After project implmentation



2 - Project closure



3 - Mentions & prizes



Prizes and mentions

How prizes and mentions look in keep.eu

Summary

Project name (EN): "Special Education in the cross-border
market"
Project acronym: SpeEd-2-Labour Market
Project start date: 2019-12-18
Project end date: 2022-09-17
Project status: closed
Relevant mentions and prizes:

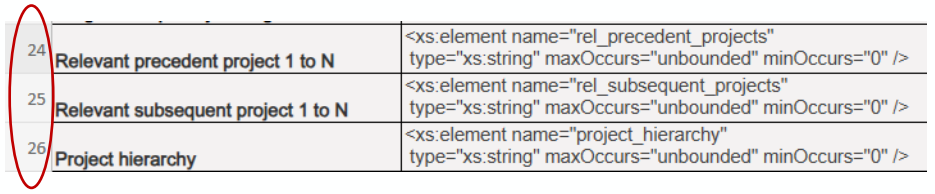
- Project Slam 2024

Total budget/expenditure: EUR 332 791.97
Total EU funding (amount): EUR 299 512.77
Co-financing sources:

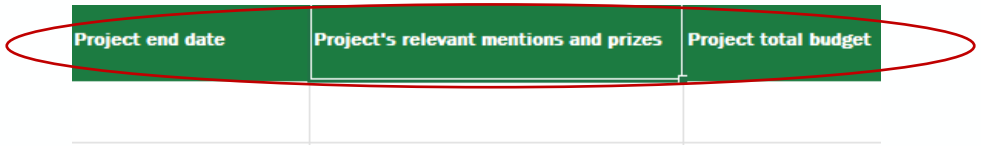
- ENPI/ENI/NDICI: Amount, EUR 299 512.77.

How to add project relations to keep.eu

Automatic data transfer - jems	You can set these fields up in your Jems (use the exact name for the fields as listed here) or you can fill the info in the Excel attachement you receive from keep.support@interact.eu upon the publication of their project-partner-call data,
Automatic data transfer – own monitoring system	Available from the template to set up automatic data transfer in keep.eu rows 24-26 (here).
Manual transfer	Available in the Excel template manually filled.



24	Relevant precedent project 1 to N	<xs:element name="rel_precedent_projects" type="xs:string" maxOccurs="unbounded" minOccurs="0" />
25	Relevant subsequent project 1 to N	<xs:element name="rel_subsequent_projects" type="xs:string" maxOccurs="unbounded" minOccurs="0" />
26	Project hierarchy	<xs:element name="project_hierarchy" type="xs:string" maxOccurs="unbounded" minOccurs="0" />



Project end date	Project's relevant mentions and prizes	Project total budget

How to add project relations in jems

Add exact fields names

Relevant precedent project 1 to N (*relevant_precedent_projects*)

This is considered a critical field, albeit not mandatory since a project may not have any clear relationship with other, precedent, projects

Description (useful links): HIT Application form (Final version 1.1 – November 2021), table C.2.6, field 'Project or initiative'(link to download HIT 2021-2027 Selection Package)

Name of field in programmes' lists of operations: ***Relevant precedent operation***

Relevant subsequent project 1 to N (*relevant_subsequent_projects*)

This is considered a critical field, albeit not mandatory since a project may not have any clear relationship with other, subsequent, projects

Description (useful links): HIT Application form (Final version 1.1 – November 2021), table C.2.6, field 'Project or initiative' (link to download HIT 2021-2027 Selection Package)

Name of field in programmes' lists of operations: ***Relevant subsequent operation***

Project hierarchy (*hierarchy*)

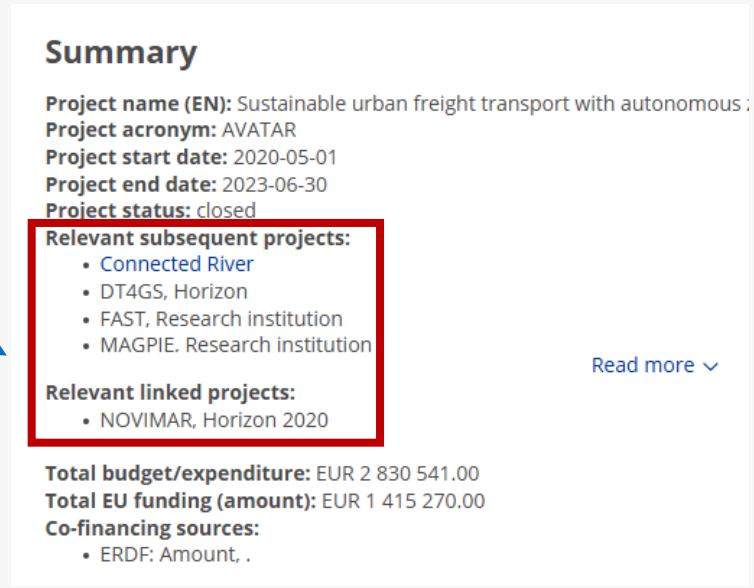
This is considered a critical field, albeit not mandatory since a project may not be part of a set of interrelated projects

Description: If the project is a sub-project, this field is meant to specify and link it to the overall project

Name of field in programmes' lists of operations: ***Operation hierarchy***

Project relations

How project relations look in keep.eu



Webinar: Keep.eu

Next steps, evaluation, suggestions for future events

Rafael F. Agostinho | 28.01.2025

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We do thank you for the two additional minutes of your time going through the evaluation form.

Thank you for being here!

All materials of this webinar will be made available by email.