IT Tools and Monitoring Systems Network

Welcome and introduction

Interact | 16-17 June 2025 Lisbon, Portugal

Interact

Co-funded by the European Union

Interreg

What is the one feature you could never have that you wish you had?

Icebreaker

5 min to prepare, then:

- (10 min) Talk with your neighbor and pick one you would prefer.
- Pitch the preferred feature to the group.
- Did anyone else in the group wish for the same feature?
- Does anyone already have the feature in the group?

Goal of the event

All presentations will be available after the event at Interact website, Library section!

Europe wide learning and exchange of experts working with Interreg Monitoring systems

- Learn from each other
- Showcase interesting features
- Discussions on solutions

Target Group

- Programmes developing their own monitoring systems
- Programmes interested to adopt or customise their own monitoring systems
- Service providers of programmes

Agenda Day 1

14:00	02	03	04	17:00	19:00
Introduction and warm-up	State of play	Coffee Break	Timeslot for feature discussions	End of Day 1	Network dinner!

Agenda Day 2

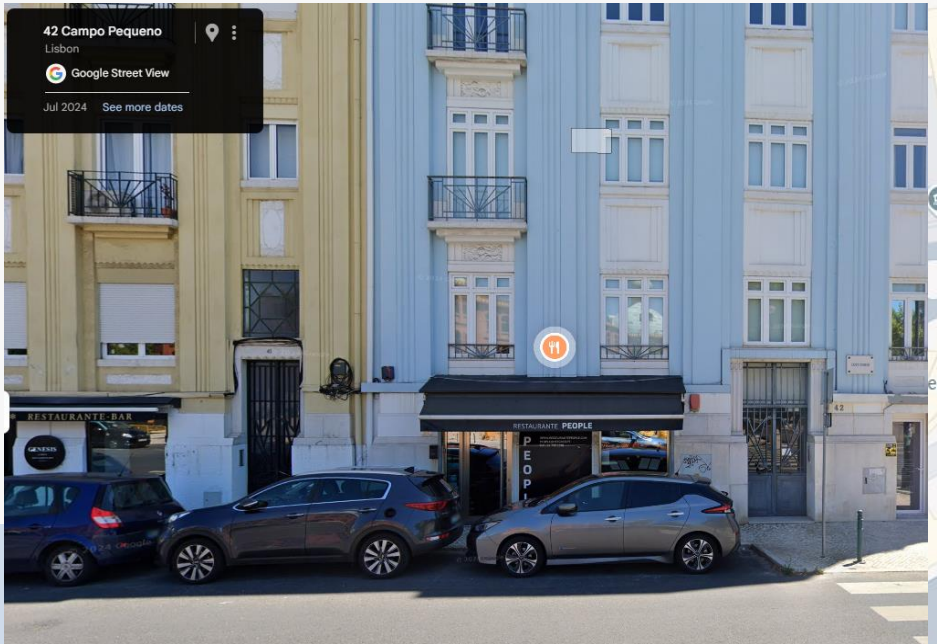
9:30	02	03
A.I. Workshop	Coffee Break	Continuation A.I. Workshop

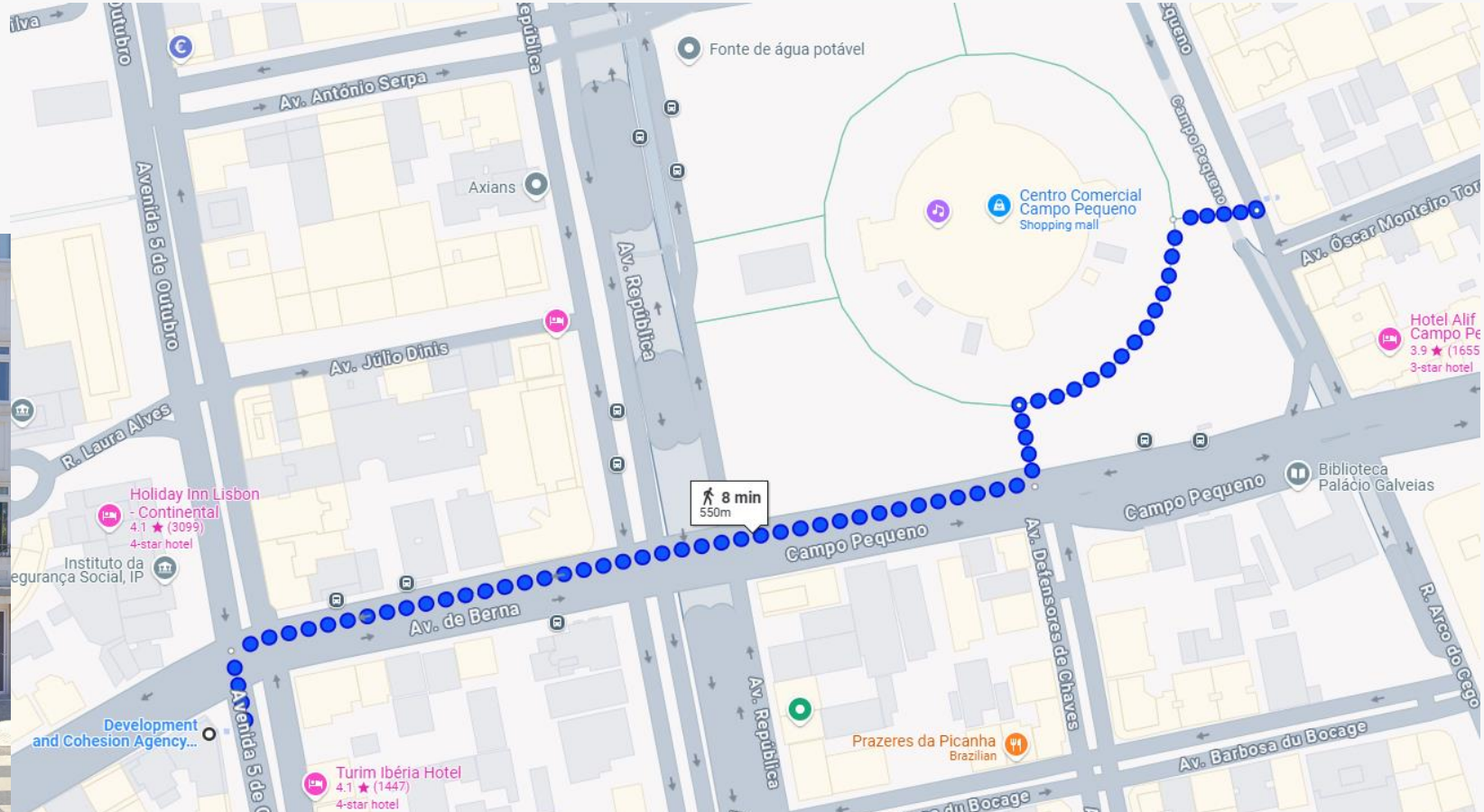
04	05	16:30
Timeslot for feature discussions	Wrap up and discussion on future topics	*End of the meeting!*

PRESENTATION

Dinner tonight at 7pm

Name: People
Address: Campo Pequeno 42
Phone: +43 664 8162181 (Jose)





Registration

Programme representation

19

Monitoring system representation

8

What is the state of play of your MS?

BAMOS+
CST2021 (Poland)
F2
INTERREG+ (Hungary)
North Sea oMS
e-MS 2030 (Espon)
Portal (Interreg Europe)
Other systems?
Jems

Of the development?
How about system Audit?

Where is Jems at

Interact

Co-funded by the European Union

Interreg

Jems
Maintenance phase (2025-2029)

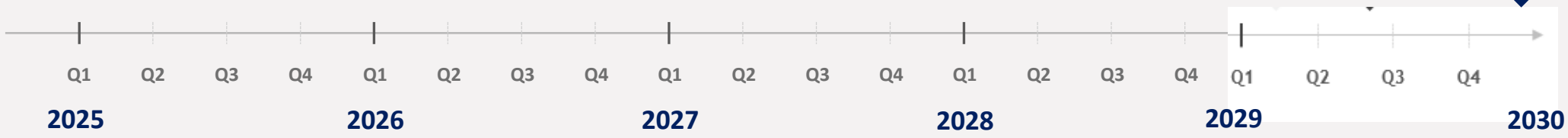
Maintenance phase

1 January

- Address bugs and security findings
- Update Jems modules to improve performance and enhance security Implement minor developments to improve user experience
- Integrate potential community-driven developments
- Maintain and support Interact channels
- Sustain the Jems user group network

End of Maintenance phase

31 December 2029



Jems
Maintenance first release 13.0.2

1. improving the stability of Jems addressing bug fixes.
2. major technical upgrades—specifically, MariaDB v10.11 and MinIO 2025 which enhance both performance and security.
3. Small features:
    - Dashboard filter
    - Improvement in Financial living tables
    - Update of Nace codes in AF to version 2.1
    - Public procurements: Show in what report the procurement was updated
    - 1-click export on ‘payments/accounts’ section

Key Accomplishments

53 Signed License agreements

High adoption: **48** programmes are using Jems as their official programme monitoring system

Core functionalities are delivered and being actively utilized by programmes

12 releases

Strong community

Monitoring systems

Mapping excersize

Interact

Co-funded by the European Union

Interreg

General facts

10

MONITORING SYSTEMS

Representatives completed the survey

70

programmes

Are using the monitoring systems in the survey

8

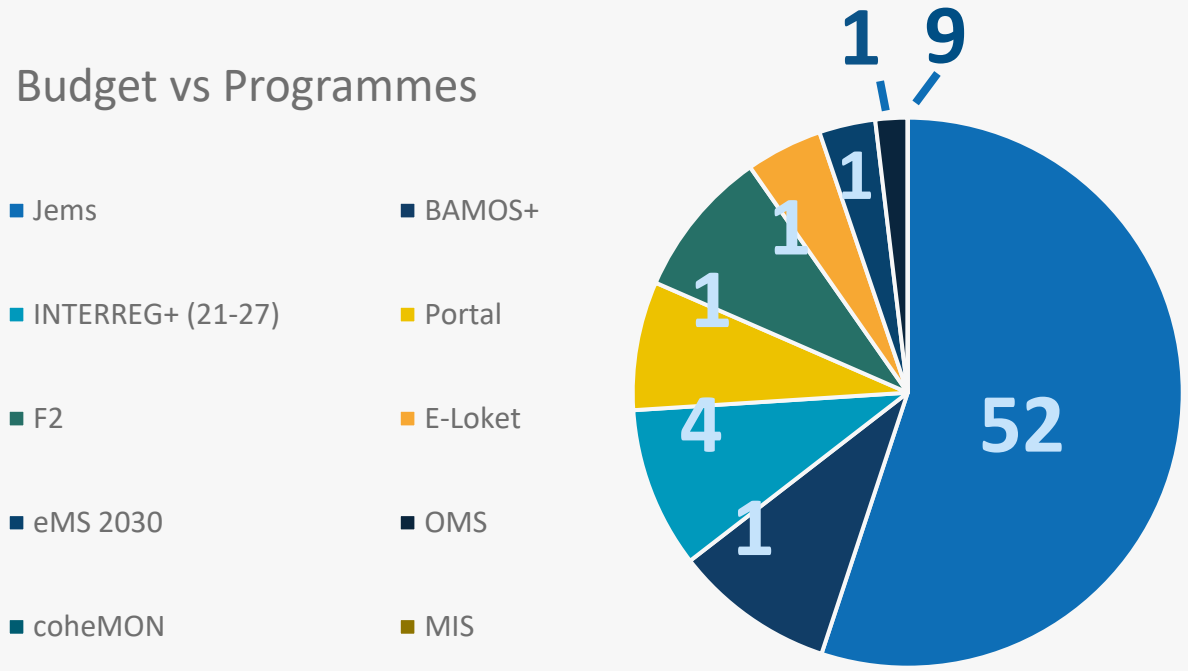
DEVELOPMENT COMPANIES

Developed 9 systems

9

SYSTEMS UNDER DEVELOPMENT till 2024

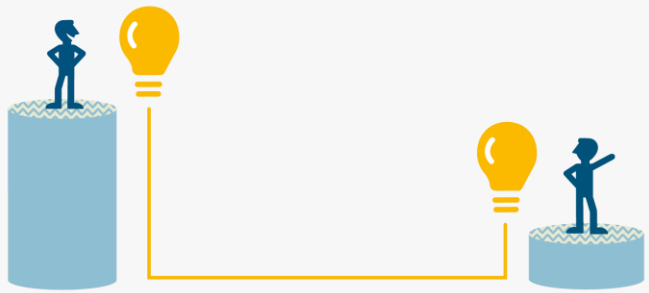
1 programme already finished their system



Please sent us an update if you did any developments since last year!

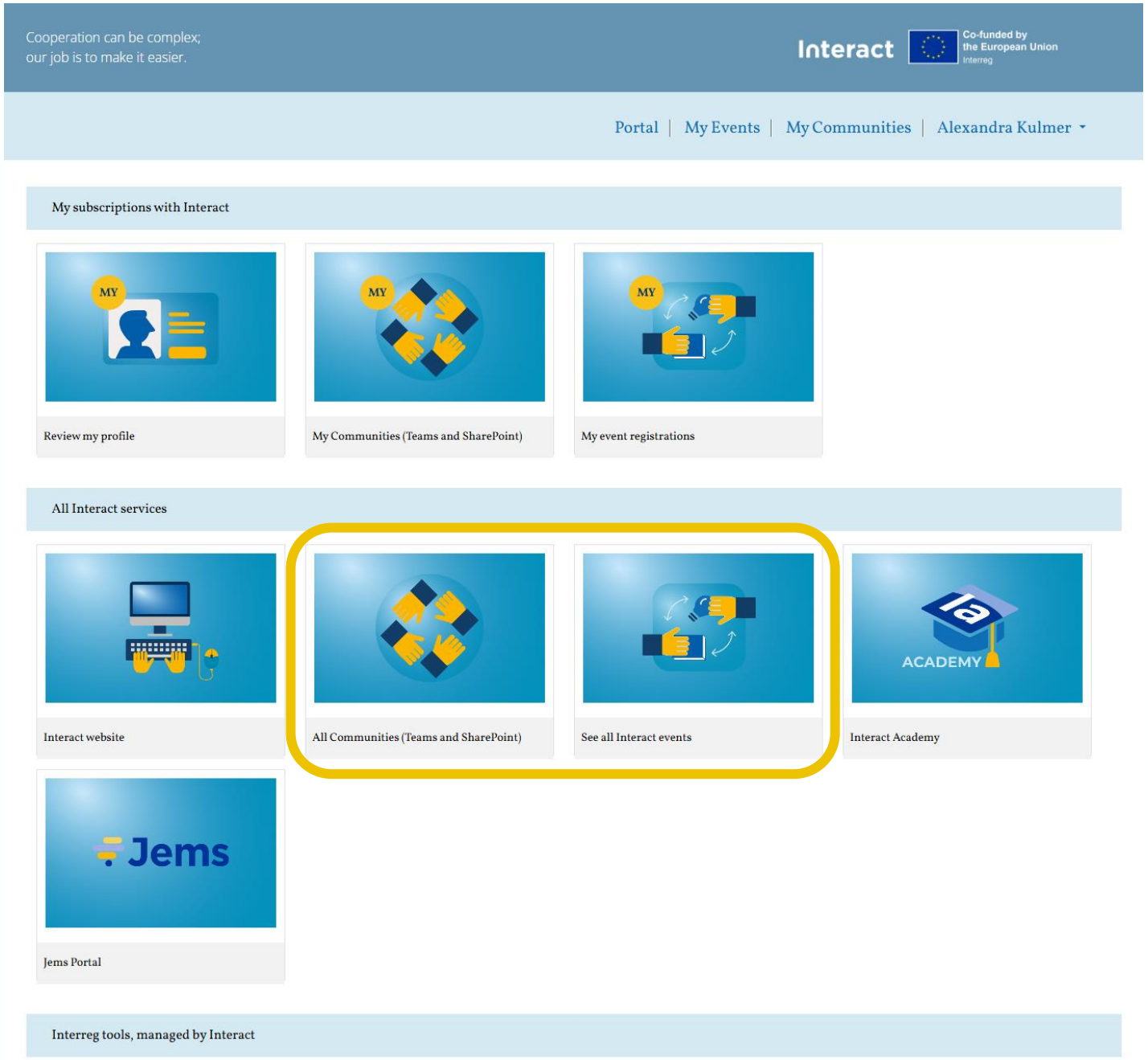
Data is public on our website, you can already access the details here:

https://docs.google.com/spreadsheets/d/1B1VHGj43ygYZN1Y8cqdnd1Ginat3-UarbZMZEuV_YYg/edit#gid=588019361

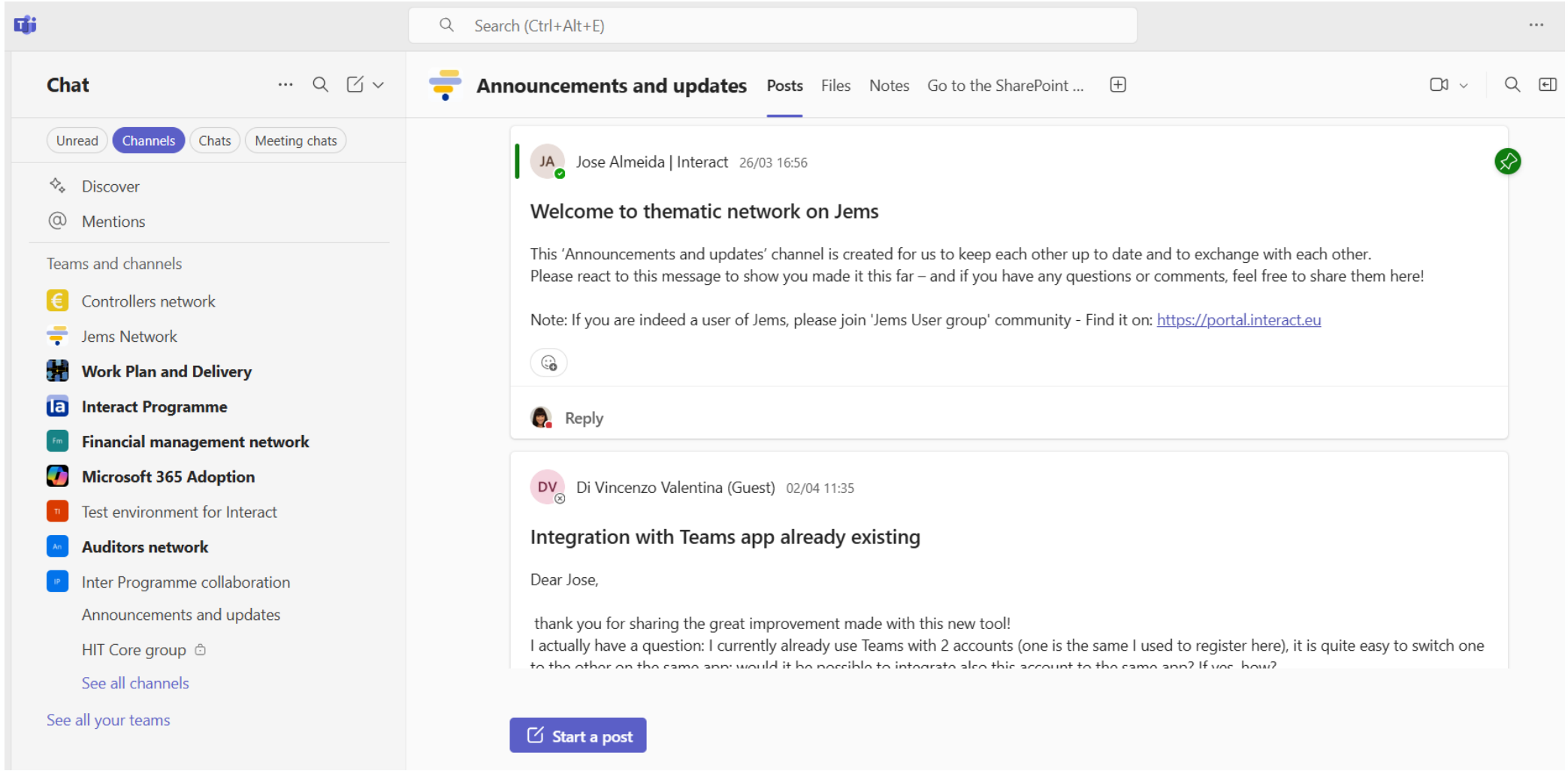


Interact portal

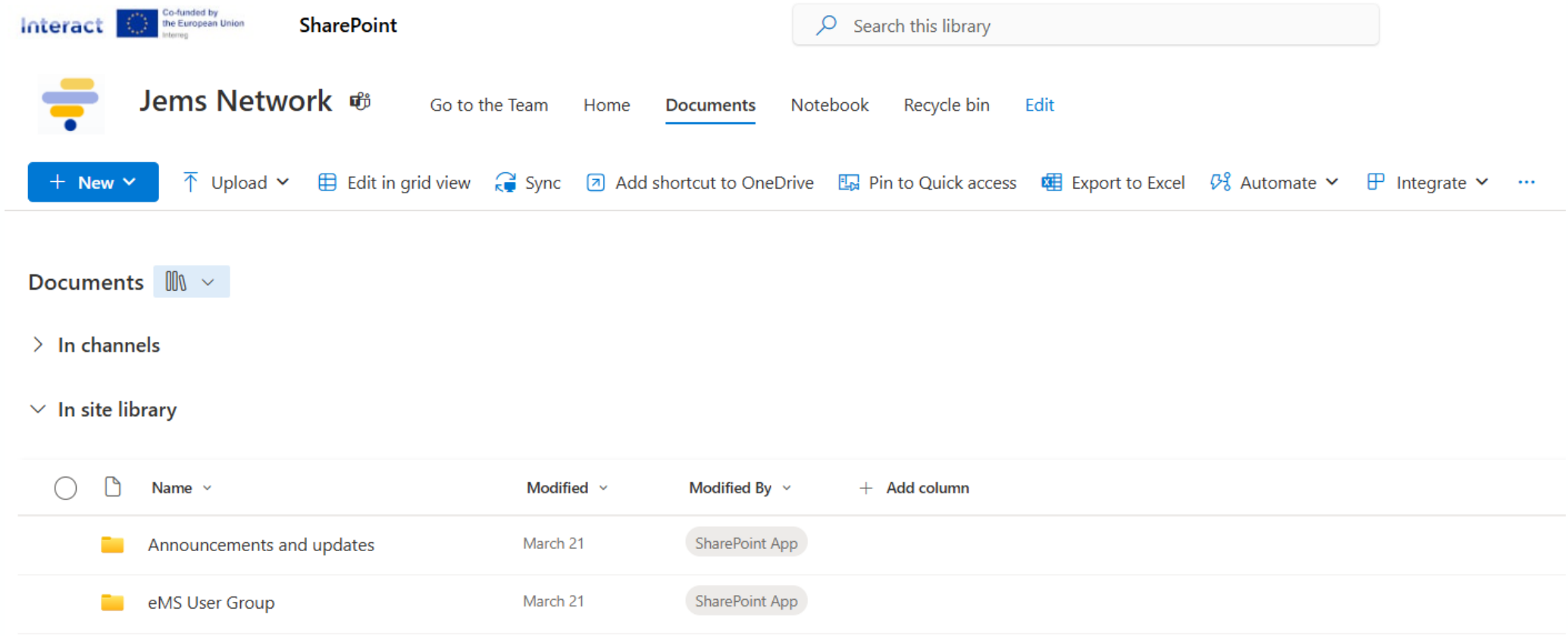
https://portal.interact.eu



Teams and channels

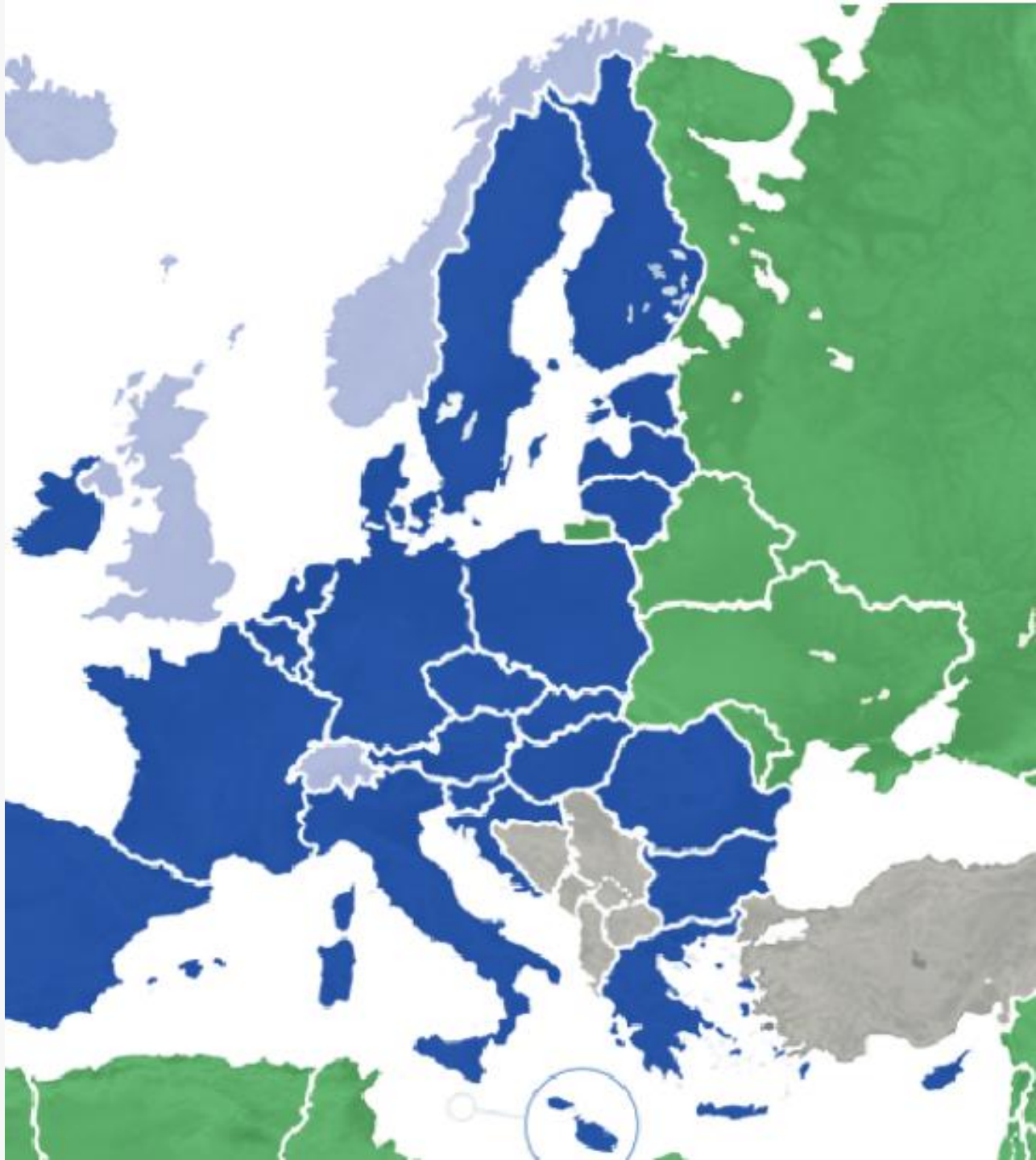


SharePoint


Interact
Co-funded by the European Union
SharePoint
Search this library
Jems Network
Go to the Team
Home
Documents
Notebook
Recycle bin
Edit
New
Upload
Edit in grid view
Sync
Add shortcut to OneDrive
Pin to Quick access
Export to Excel
Automate
Integrate
Documents
In channels
In site library
Name
Modified
Modified By
Add column
Announcements and updates
March 21
SharePoint App
eMS User Group
March 21
SharePoint App

Break

30min

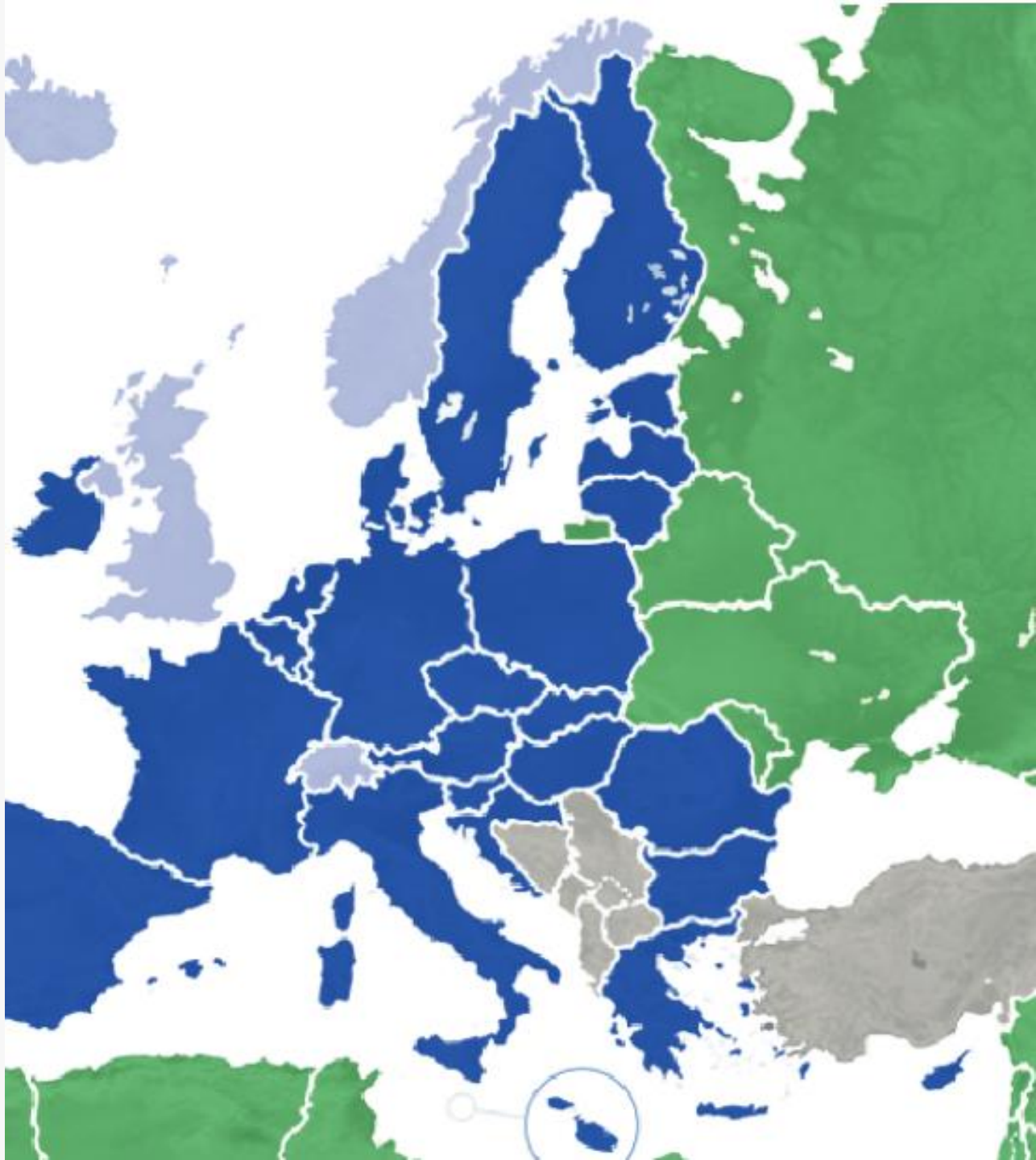


Day 1 feature presentations and discussions

- **Interreg Germany-Denmark,**
the monitoring system F2

- **Central Europe,**
Developments done on top of Jems Arachne Export, "workflow tool" and data export

End of Day 1



Good morning

A.I. Workshop:
AI for Interreg and Monitoring Systems

Interact

Co-funded by
the European Union
Interreg

AI trends

- AI is around for many years, impacting project work
- Public release of OpenAI’s ChatGPT in 2022 has accelerated the impact of AI on the profession
- AI is getting more accessible

Benefits of AI in public funds magement

- Reduced administrative burden
- Increased efficiency and accuracy
- Automated risk detection and fraud prevention
- More accurate forecasts and financial planning
- Better services and support for beneficiaries

Known
AI concerns

Environmental

Legal & Ethical

Reliability

Environmental impact of AI

- Creating ChatGPT3:
  552 metric tons of CO_2 emissions
- **1 ChatGPT prompt** uses the energy for **10 Google searches**
- **Data centres** use **A LOT of energy** to power and water to cool them

AI generated illustration by Jbooba, Pixabay, CC

Legal and Ethical considerations

- AI Act: Introduces a risk-based regulatory framework.
- GDPR: Data protection, transparency, consent obligations.
- Ethical Use: Human oversight, fairness, accountability.
- Compliance rules: No sensitive data in public AI tools.
- Property rights: No copyright for AI generated content.

The EU AI Act: What You Need to Know (1/2)

- Applies to providers, deployers, and users of AI systems
- Classifies AI by risk: unacceptable, high, limited, minimal
- High-risk includes finance-related public sector AI (e.g., fraud detection, scoring tools for evaluating the creditworthiness of natural persons)

The EU AI Act: What You Need to Know (2/2)

High-risk AI must meet strict requirements:

- Data governance and record keeping
- Human oversight ('human in the loop')
- Transparency and traceability
- Robustness, accuracy, and cybersecurity

Reliability and financial considerations

- Bias, hallucination, and accuracy risks due to poor data quality or representativeness
- Lack of explainability in AI logic (non-transparent algorithms)
- Risk of over-reliance on automation, insufficient human oversight
- Cybersecurity vulnerabilities
- Cost of AI infrastructure (development and operation)

What we do on AI in Interact

Certified training:
Generative AI for Interreg communication

- Hands on demonstration
- Prompt ideas, tips and tricks
- Assignment

Large Language Models:

Overview of LLMs and Interreg specific use of LLMs

Audiovisual Models:

Overview of text to image, text to video, sound tools

AI in Interreg communication

Examples of use of AI for daily communication work

Events and workshops

InterFIN 2025	Beyond Excel: How new tools are transforming Financial Management – Using LLMs in Interreg Financial Management, Stock-taking and SWOT analysis
Thematic events	AI sessions in thematic events: Communication, Calls for Proposals, Thematic analysis for cooperation actions, …
IKF 2024	Artificial Intelligence: Genuine Impact – Introduction to Generative AI tools, AI for writing, research and storytelling, AI in Interreg programme management

SWOT analysis (InterFIN)

Strategies for adopting AI in Interreg

Different levels of AI adoption

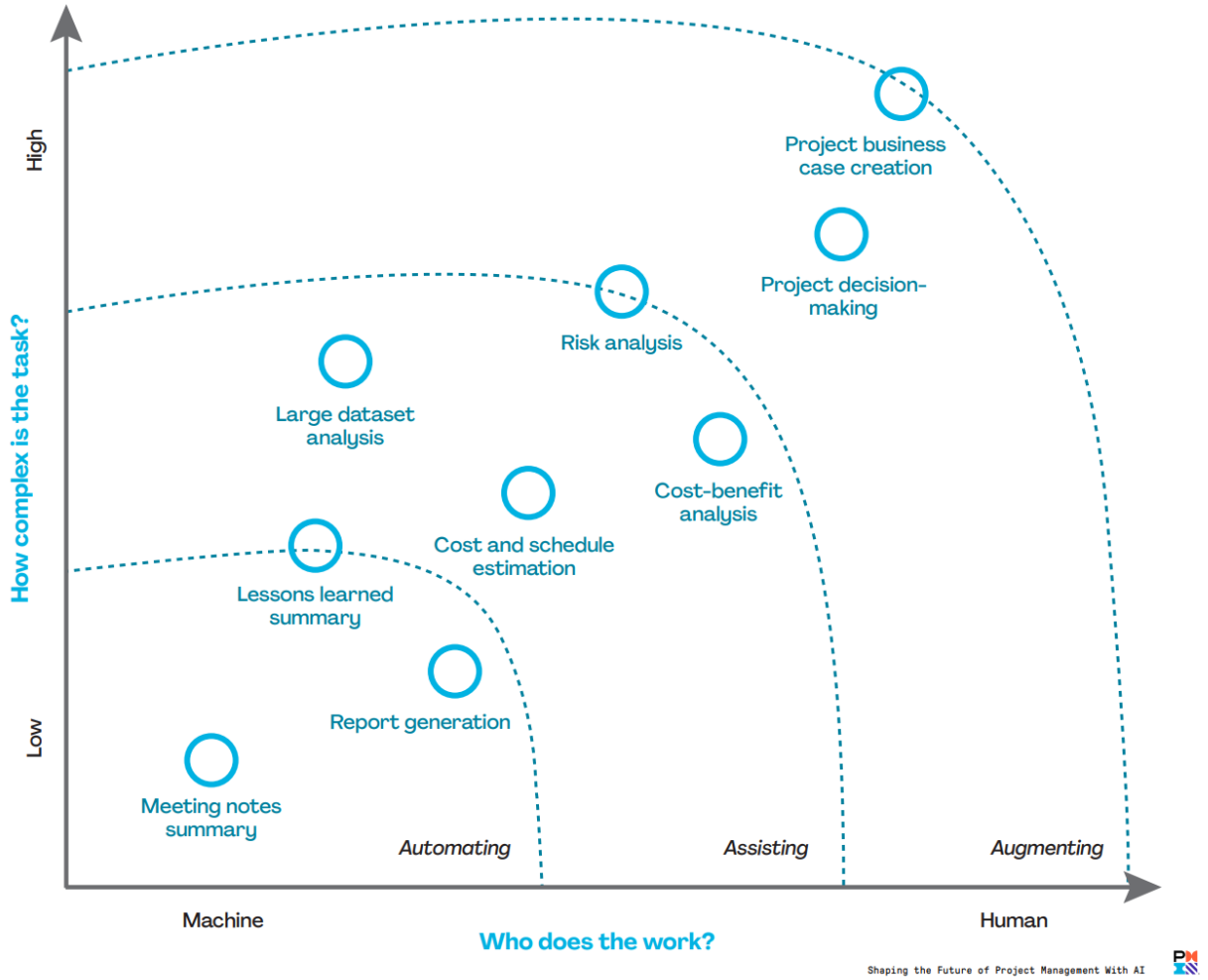
Automation	Assistance	Augmentation
Automate tasks that are low complexity and require little human intervention in their final output	Complement human work in iteratively building an output, while refinement, testing and complementary analysis are done by humans	Enhance human capabilities and develop new capabilities to perform more complex and strategic tasks with many interdependencies and variables

Strategies for adopting Generative AI

Evaluating tasks under two main dimensions:

- Level of complexity of the task
- Level of human intervention needed

"The more complex the task, the more human intervention is needed to result in high-quality outcomes." **(PMI)**



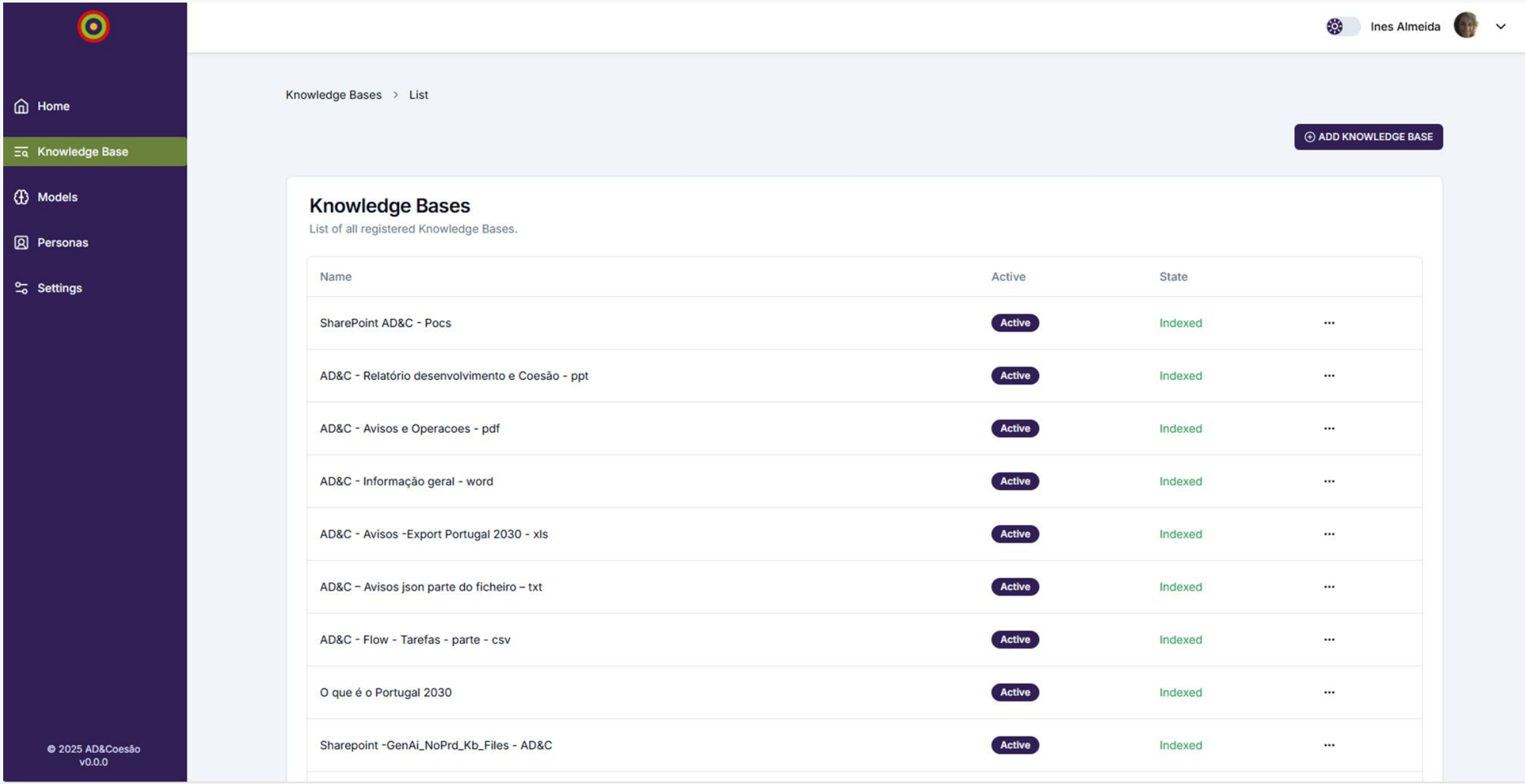
Let‘s see Examples from funding programmes

Example: Portugal

A.I. Funds Platform

- Internal platform to create custom AI chatbots.
- Bots trained on real programme data and guidance.
- Takes under 15 minutes to configure using internal documents.
- Used by Managing Authorities and Intermediate Bodies.
- Privacy respected – no use of public data models

Improves response times and supports digital skills


Ines Almeida
Home
Knowledge Base
Models
Personas
Settings
Knowledge Bases > List
ADD KNOWLEDGE BASE
Knowledge Bases
List of all registered Knowledge Bases.
Name
Active
State
SharePoint AD&C - Pocs
Active
Indexed
AD&C - Relatório desenvolvimento e Coesão - ppt
Active
Indexed
AD&C - Avisos e Operacoes - pdf
Active
Indexed
AD&C - Informação geral - word
Active
Indexed
AD&C - Avisos -Export Portugal 2030 - xls
Active
Indexed
AD&C – Avisos json parte do ficheiro – txt
Active
Indexed
AD&C - Flow - Tarefas - parte - csv
Active
Indexed
O que é o Portugal 2030
Active
Indexed
Sharepoint -GenAi_NoPrd_Kb_Files - AD&C
Active
Indexed
© 2025 AD&Coesão
v0.0.0

Olá, sou o Ivo.
Posso ajudar?

Linha dos Fundos
Os Fundos Europeus mais próximos de si.

ChatGPT (beta)

Olá, sou o Ivo.
Posso ajudar?

Escreva uma nova pergunta

42

Example: Lombardy Region

A.I. support as evaluators in project assessments

- Human reviewers remain central but the A.I. tool becomes a support evaluator.
- AI reduces time and increases standardisation.
- AI can extract data and structure it so that project relevant information is easier digestable.
- Pilot showed promising accuracy

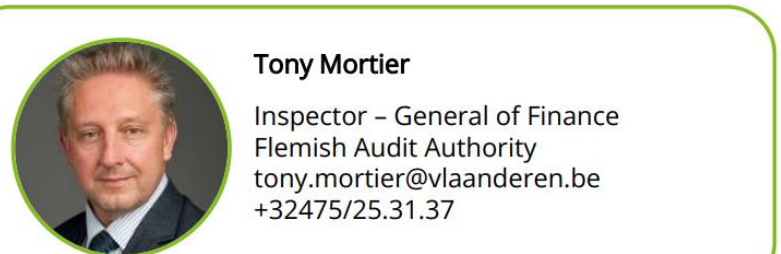
Example: CATE

Continuous Auditing based on Technological Evolution

- an AI-based solution for Management verifications and Audit
- co-owned by the Flemish Audit Authority and Deloitte Belgium
- for Interreg Flanders-Netherlands Programme

CATE – product ownership

Flemish Audit Authority and Deloitte Belgium co-own the product.



Tony Mortier

Inspector – General of Finance
Flemish Audit Authority
tony.mortier@vlaanderen.be
+32475/25.31.37

Jan Van Looveren

Partner & Industry Leader Government and Public Services
Deloitte Belgium
jvanlooveren@deloitte.com
+32478/63.79.29

- Combining audit and grant expertise & technical/technological expertise
- Manageing authority participates as implementation partner

CATE – a cloud based application

Cate App

- cloud-based
- modular in nature
- API connection with monitoring system

CATE – modules

CHECK

- Cost item level controls:
  - Invoice data match (ID, date, amount, supplier…)
  - Cost category…
- Population level controls:
  - Public procurement
  - Double financing
  - Fraud
- Every control is either automated or supports the human controller

RISK

- Risk aggregation
  - Assess risk for cost items
  - Provides risk score for each cost item

ASSURE

- Provides the required assurance
- Smart sampling to reach max of 2% errors with 95% confidence (configurable to your requirements)

Control Tower: Internal reporting

Automatic external reporting

CATE – benefits

Fully integrated tool to support control and/or audit by:

- automating routine tasks to reduce costs and time between declaration and payment
- judgements based on identified patterns and relevant information
- increasing transparency through a consistent approach and unbiased information extraction
- reducing risks through full population verification

CATE – timeline

Proof of concept:

- Developed by Deloitte in 2022 & assessed positively in beginning of 2023

Development phase:

- Development of risk model based on machine learning techniques, supplemented with data collection and structured information

Application of the software:

- Release of productive software planned for June 2025
- Test phase for performing control tasks in Interreg Flanders-Netherlands
- Role out to other Interreg Programmes is possible

Conclusions

- AI can simplify and secure financial workflows
- Legal frameworks are evolving – compliance is possible
- Examples show practical benefits already realised in EU funds

Let’s explore opportunities and share insights!

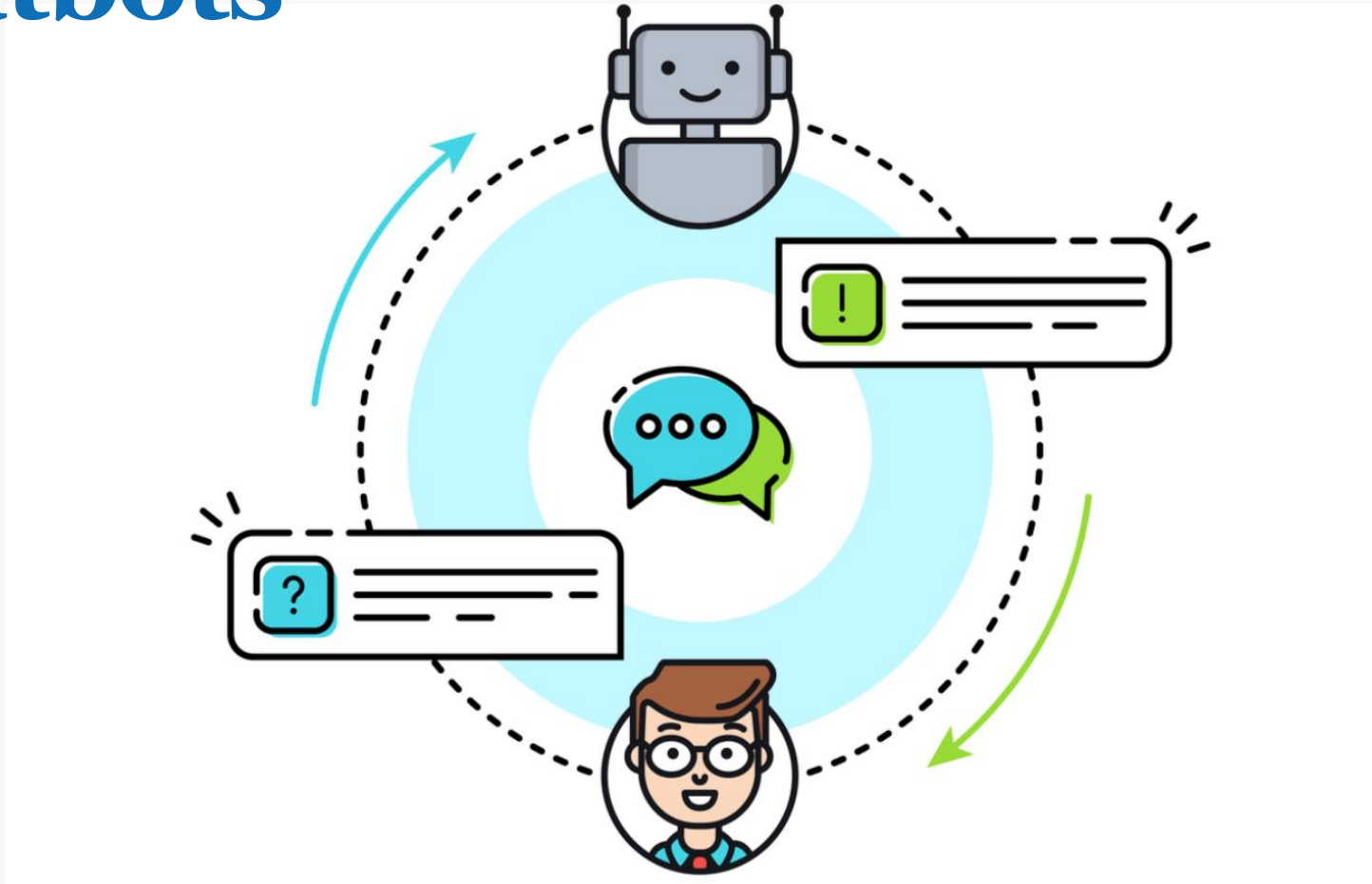
How Interreg Programmes are using AI (InterFIN)

- Translations
- Preparing Meeting notes
- Harmonising Assessment results
- Summarizing Documents

How Interreg Programmes want to use AI in the future (InterFIN)

- Support to applicants (Chatbots,…)
- Detecting content prepared by/modified by AI
- Checks on AFs (eligibility, plausibility of content, costs…) and Verification of documents (signatures,…)
- Data interpretation (from big exports,..) and Programme monitoring (dashboards with results, spending,…)
- Programming and development of programme documents

AI Chatbots



Website Applicants

Am I eligible to apply for funding?

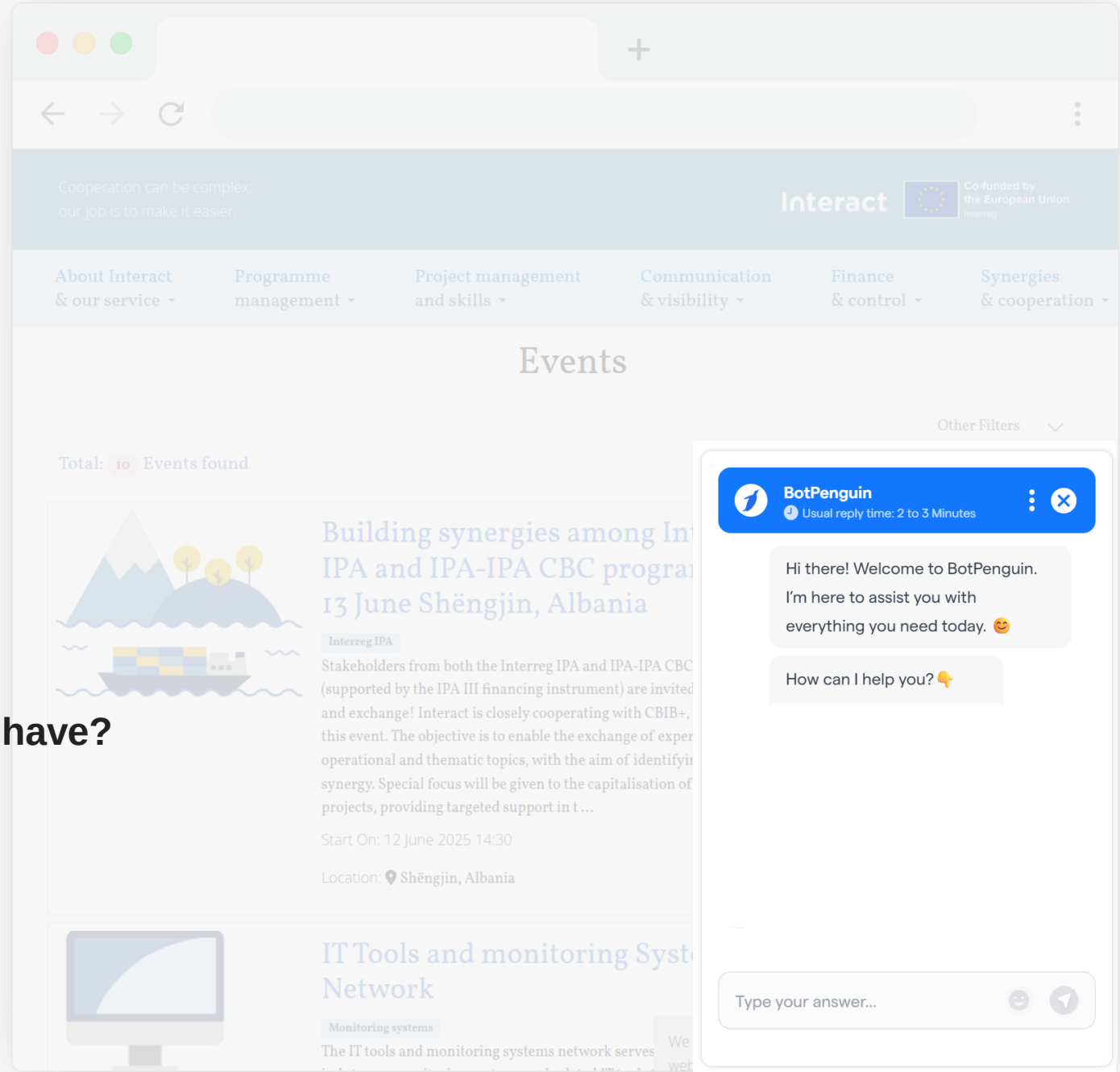
When is the next call for proposals?

How do I apply?

Where can I find the application documents?

Can you help me find a partner?

What funding priorities does the programme have?



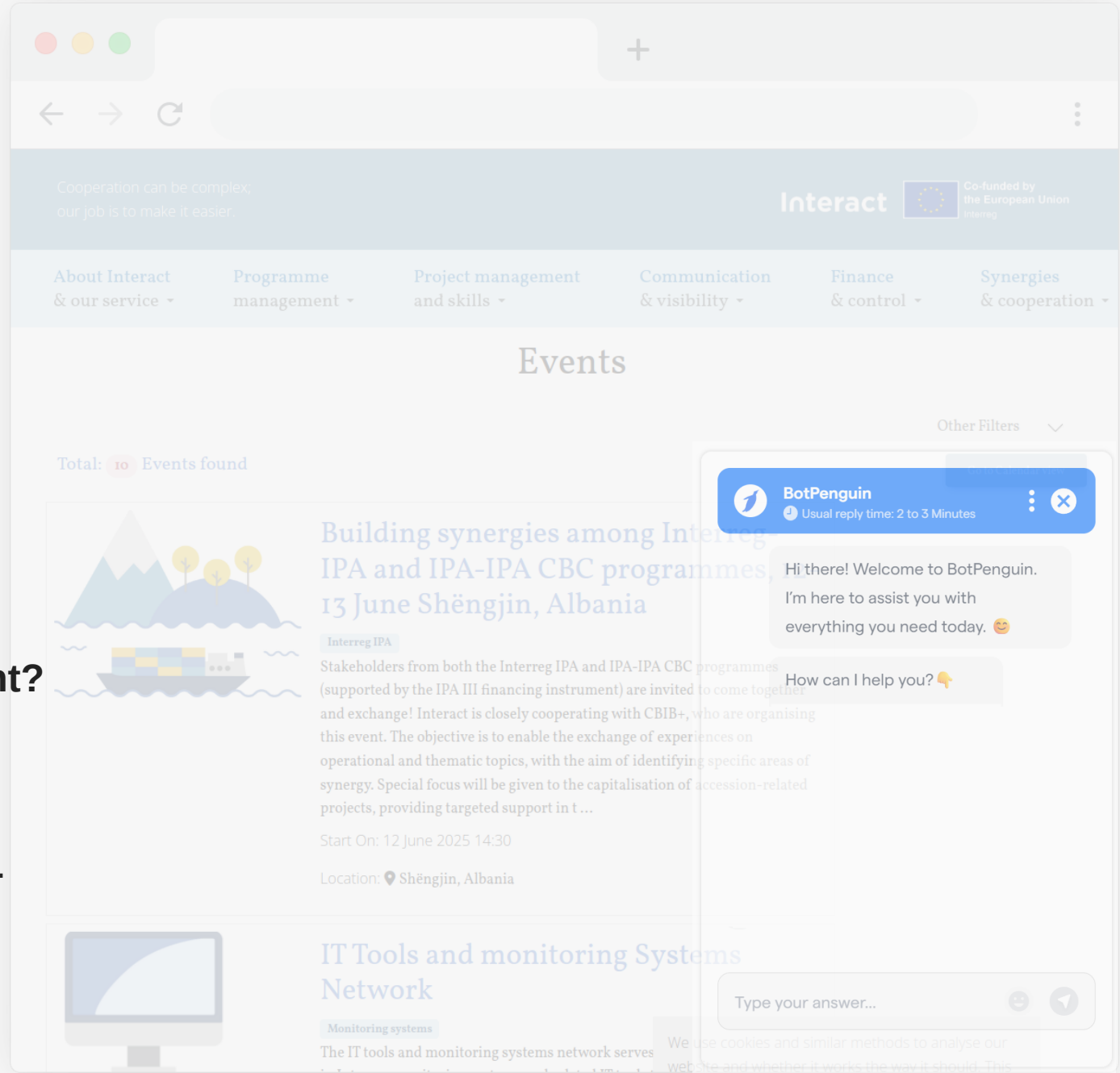
Website
Existing beneficiaries

How do I report on my project?
Guidance on reporting, links to manual..

Who do I contact for my financial question?
Promote direct contact..

What are the financial rules for reimbursement?
Brief explanations or links to manual..

How do I modify my project?
Procedures for changes, extension requests, etc.



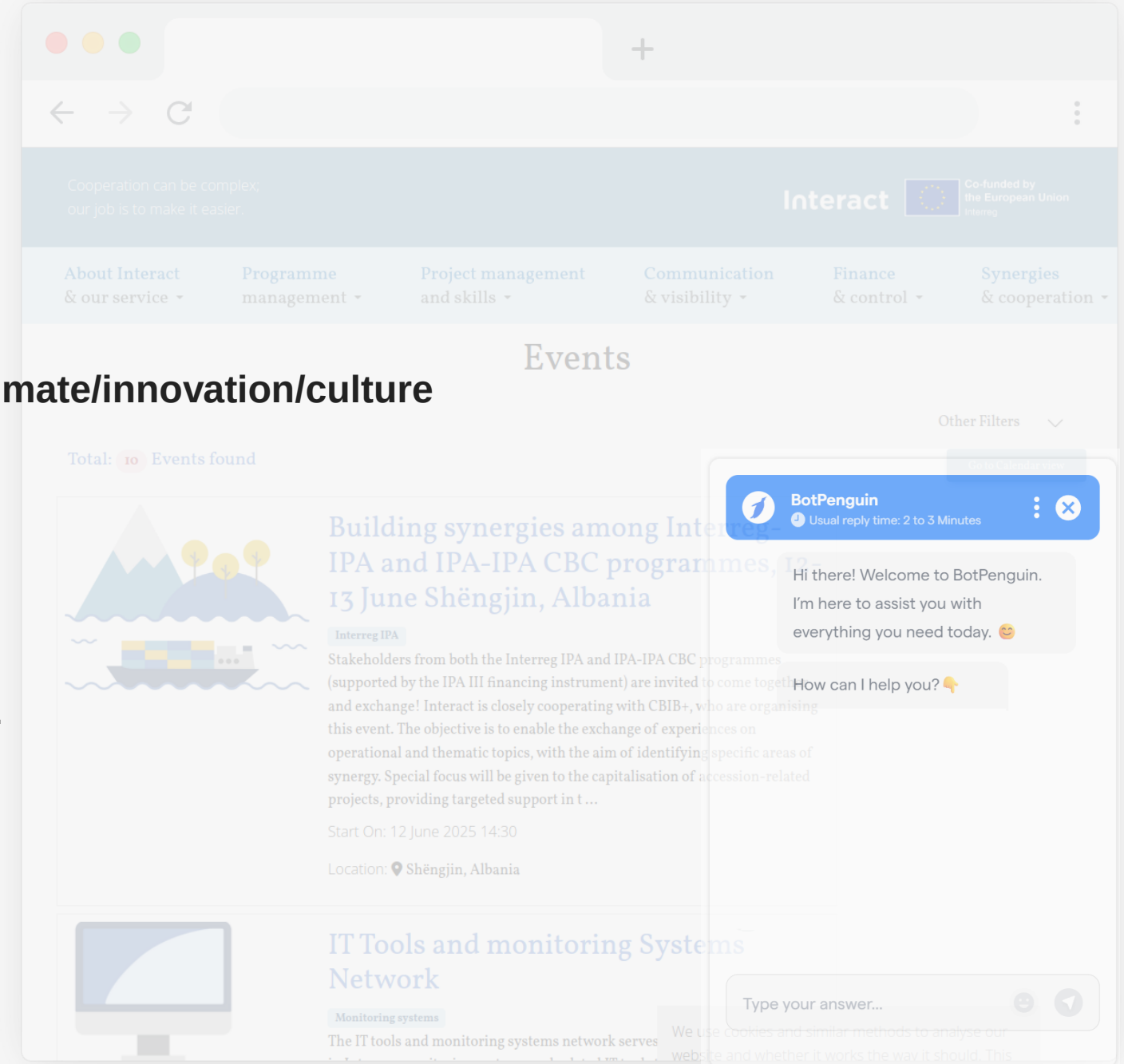
Website
Media and others…

Show me top 5 funded projects related to climate/innovation/culture
Search/filter assistance.

Where can I see project results?
Redirect to a project database or impact report.

How is the programme funded?
Explanation of ERDF/Interreg funding structure.

…



Monitoring System

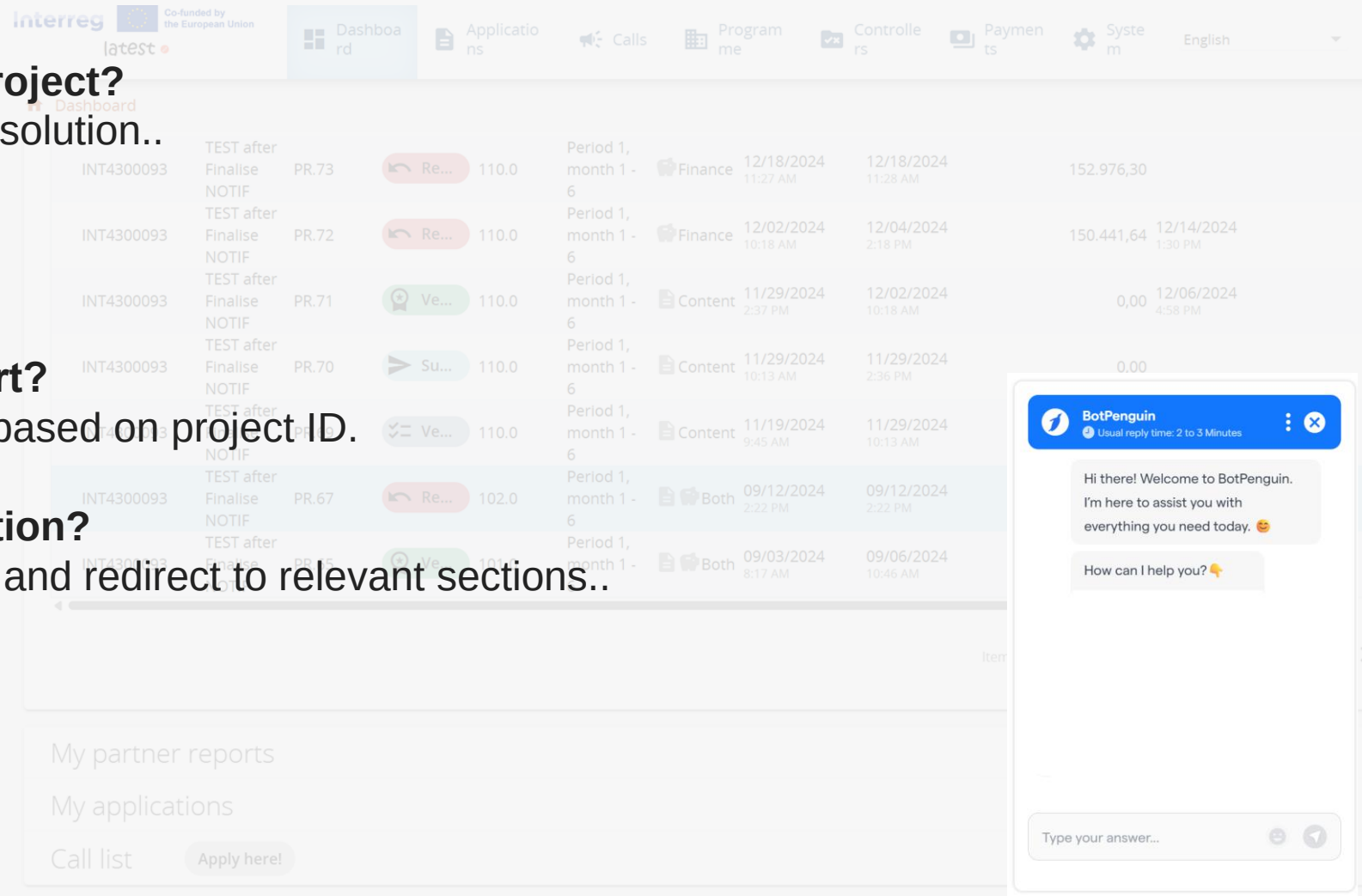
User context

Why my partner cannot access my project?
Check privileges and guide user for the solution..

Where do I upload my deliverables?
Help locate correct upload sections…

What's the deadline for my next report?
Provide customized answer or timeline based on project ID.

How can I request a project modification?
Explain the process, provide templates, and redirect to relevant sections..



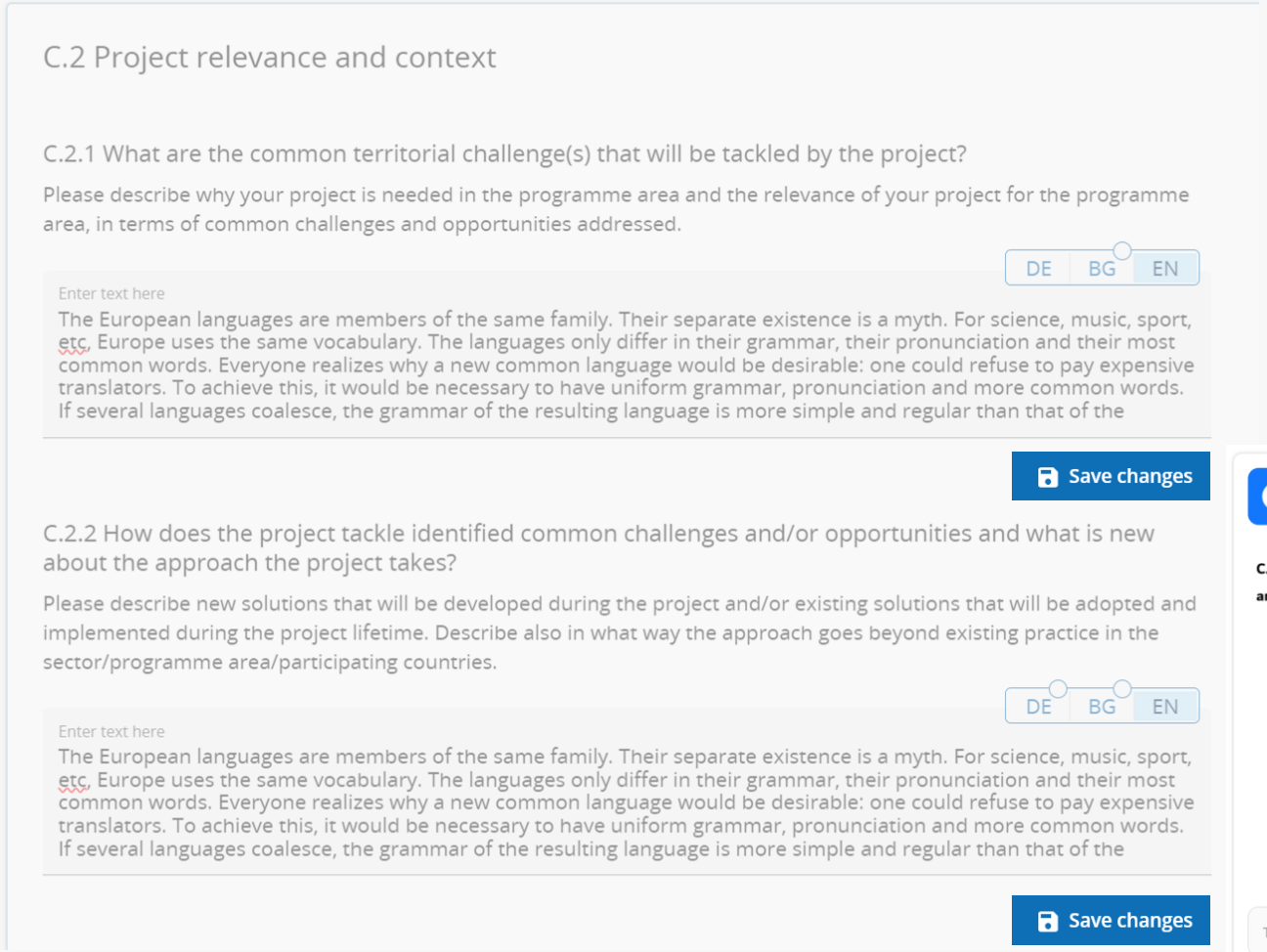
Monitoring System

Content analysis (input field)

- Application Form
- Partner report
- Project report
- …

User context

User input

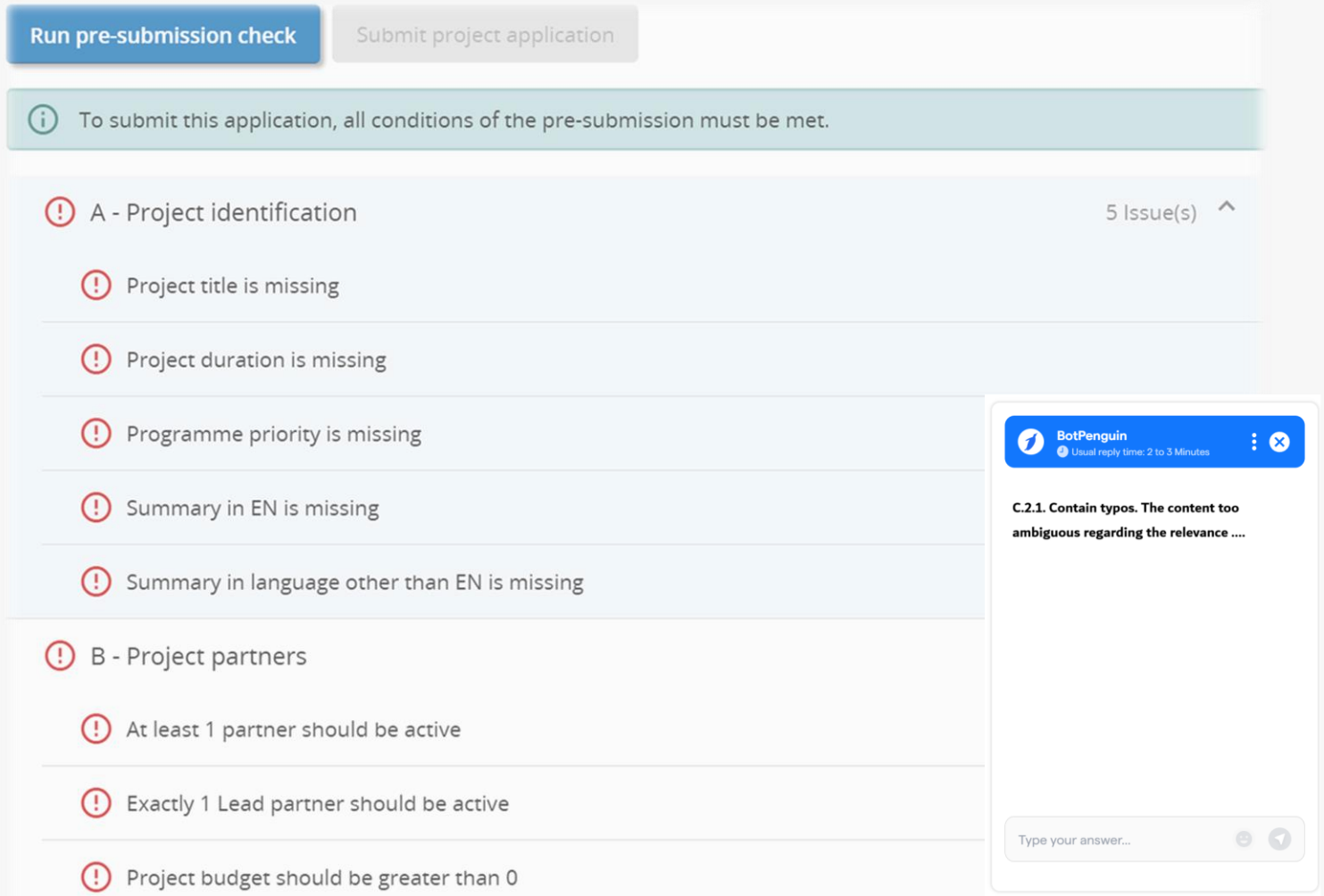


Monitoring System

Content analysis (Submission)

- Application Form
  - Rejection based on smart overview analysis
- Partner report
- Project report
- …

User context User input



Monitoring System

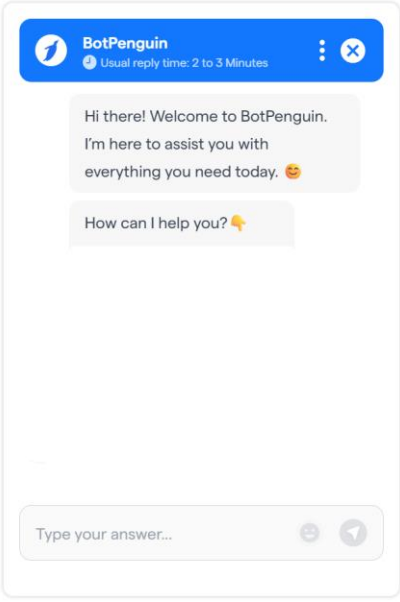
User context

User input

Data exports

- Highly customizable exports
- AI understands data representation

Plugin Name	Filename	Export language	Input language	Plugin parameter	Request time	Exportation time
Standard programme project repo...	Project_reports_20250604_143545.xlsx	EN	EN		06/04/2025 2:35:45 PM	00:00:05
Standard programme partner repo...	Partner_report_20250604_143313.xlsx	EN	EN		06/04/2025 2:33:13 PM	00:00:24
Standard programme loe data exp...	LoE_20250604_143048.xlsx	EN	EN		06/04/2025 2:30:48 PM	00:00:10
SFC transmission of data table 2 ex...	Table2_20250524_135636.xlsx	EN	EN			
Standard programme project data ...	Project_20250522_093232.xlsx	EN	EN			
Standard programme partner data...	Partner_20250508_121553.xlsx	EN	EN			
Standard programme procuremen...	Procurements_20250314_112729.xlsx	EN	EN			
Standard programme project repo...	Indicators_20250310_131124.xlsx	EN	EN			
keep.eu programme data export x...	INTERREG VI-C Utopia Space _project_en_en_20...	EN	EN			
keep.eu programme data export js...	INTERREG VI-C Utopia Space _project_en_en_20...	EN	EN			
standard-programme-partner-exte...		EN	EN	call_id:2		



Monitoring System

User context

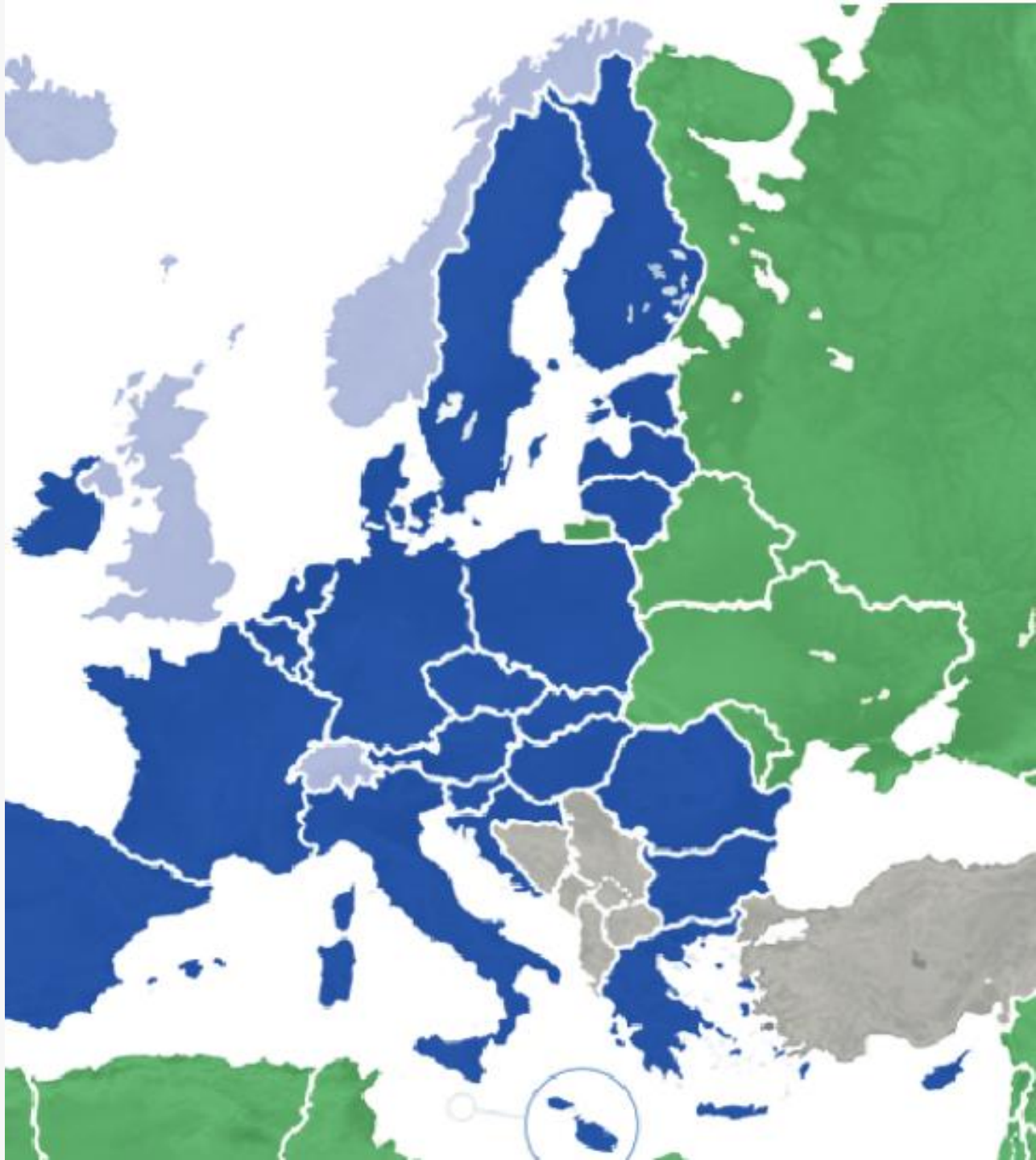
User input

Programme smart dashboard

- Predictive analytics
  - Forecast programme-level achievements vs targets
- Alert system
  - Detect projects at risk (e.g., delays, underspending).
- Thematic insights
  - AI-generated summaries of results per priority axis.
- Comparative analysis
  - Benchmark progress across regions or calls.

Break

30min



A.I.

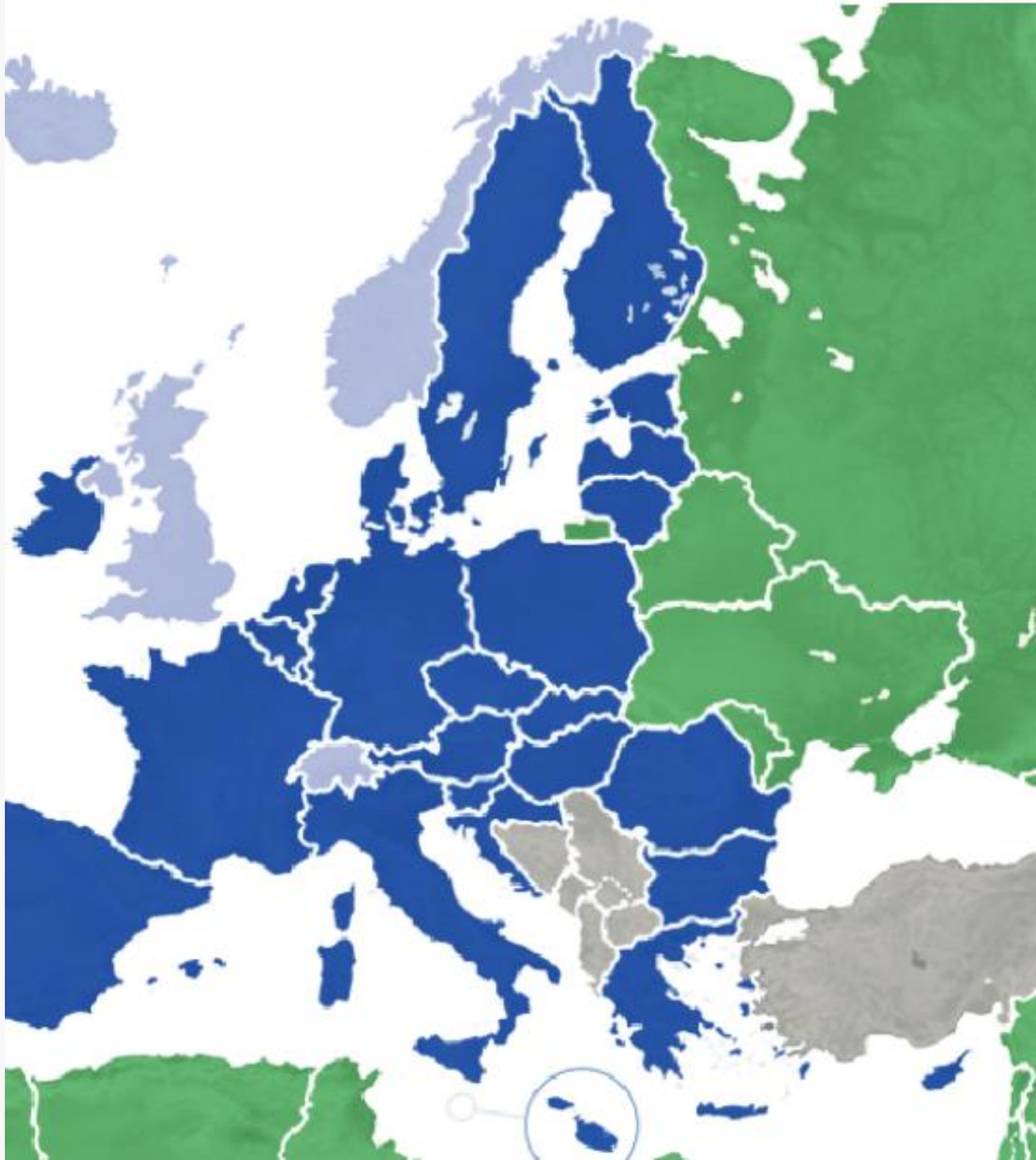
Interactive

Interact

Co-funded by
the European Union
Interreg

Lunch

12:30 - 14:00



Day 2 feature presentations and discussions

- **North-West Europe,**

Developments on top of Jems e.g, a memo, gathering information more up to date beyond reporting and a brief overview of future developments.

- **INTERREG+,**

submission of project modification requests on the Front Office surface of the system.

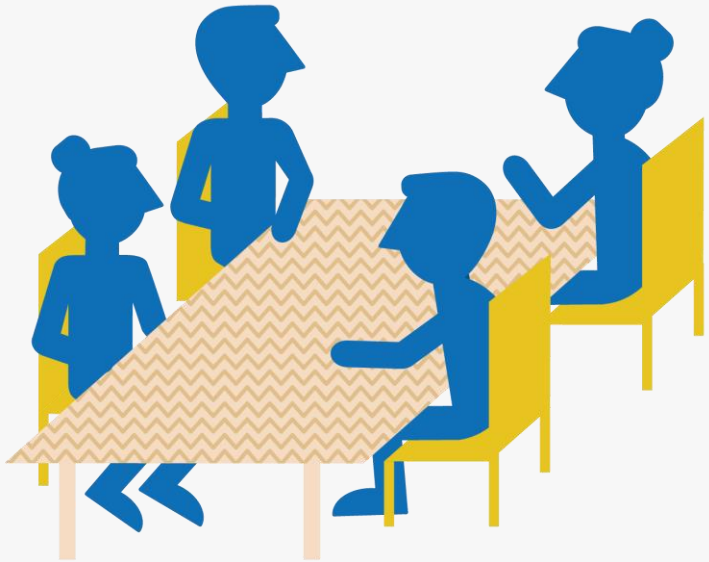
- **Interreg Europe,**

Recent developments in the MS

Wrap up
and discussion

What is the key thing you are taking home from the last 2 days!

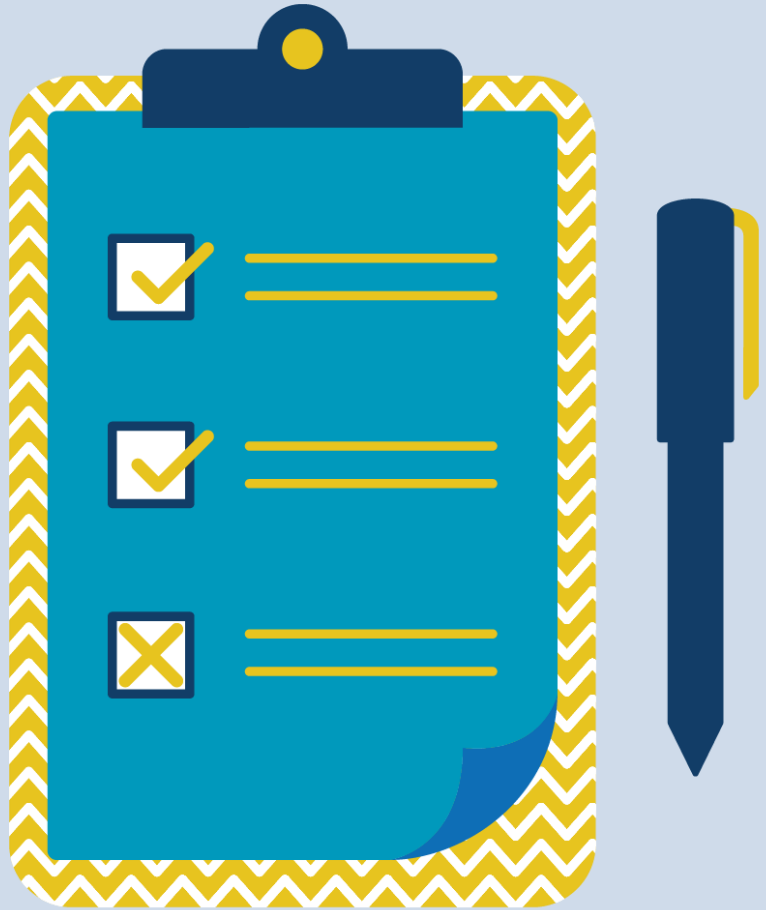
Is there anyone who would like to host the next network event?



Thank you for being here!

Your opinion matters to us.

Please take a few minutes to provide us with feedback to help us improve our services.



Cooperation works

All materials will be available on:
Interact library