



09 November
2023



joinup

User Group Meeting

Project Officer:

Bernard CLAES
European Commission – DIGIT B2 Business Manager of Joinup

interoperable
europe
innovation ∞ govtech ∞ community

Management Level



LEONTINA SANDU
Head of Unit
&
Project Owner



BERNARD CLAES
Project Officer
Joinup



Under contract with the European
Commission



LUDOVIC MAYOT
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Core team



SARA
REGUERAS RIVAS



CLAUDIU
CRISTEA



JOHAN
CLEMENTE



IORDANIS
STEFANAKIS



COSTANZA
BERSANI



PATRICE-
EMMANUEL
SCHMITZ



ITALO
MAIRO



ALEXANDRE JOSE
MOTA DIAS



ILIAS
DIMOPOULOS



VASILIKI
CHATZIMICHAIL



FILIP
GAMAN



MARTA PUENTE
CARMONA



KHADIDIATOU
DIAW



ADRIAN
LORENC



HORVATH
ZOLTAN



GINGAO
PAULO



STEPHANOS
ECONOMIDES



MARIA
ALEXANDRI



PAOLO MIGLIORE



SOPHIE HERAIL

Objectives of the meeting



Present the latest highlights



Discover Joinup's content



Interact with you



Discuss the future of Joinup

Agenda

- **Joinup statistics**
- Highlights for users
- Highlights for content creators
- Interesting content
- Coming soon
- Interactive session
- AOB

User Group Meeting

Key Figures* and Interesting Trends (1/3)

Page views per year¹

1.079.595

▲ +12%

Visitors per year¹

398.395

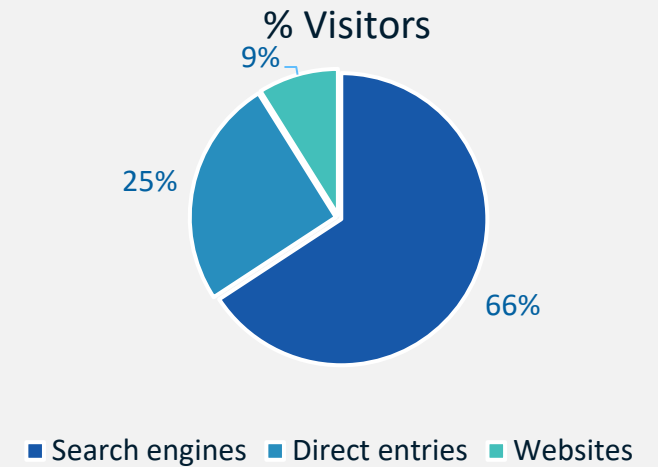
▲ +14%

Top 5 European countries in 2023

Per number of visitors



Source of Joinup Traffic 2023



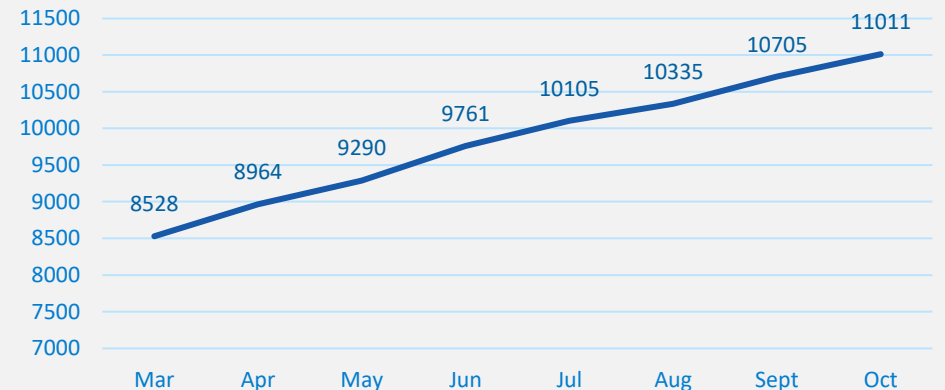
Joinup Search Engines' Traffic 2023

Google	92%
Bing	6%
Others	2%

New Users²

(from last User Group Meeting – Mar 2023)

Average increase: 4% per month

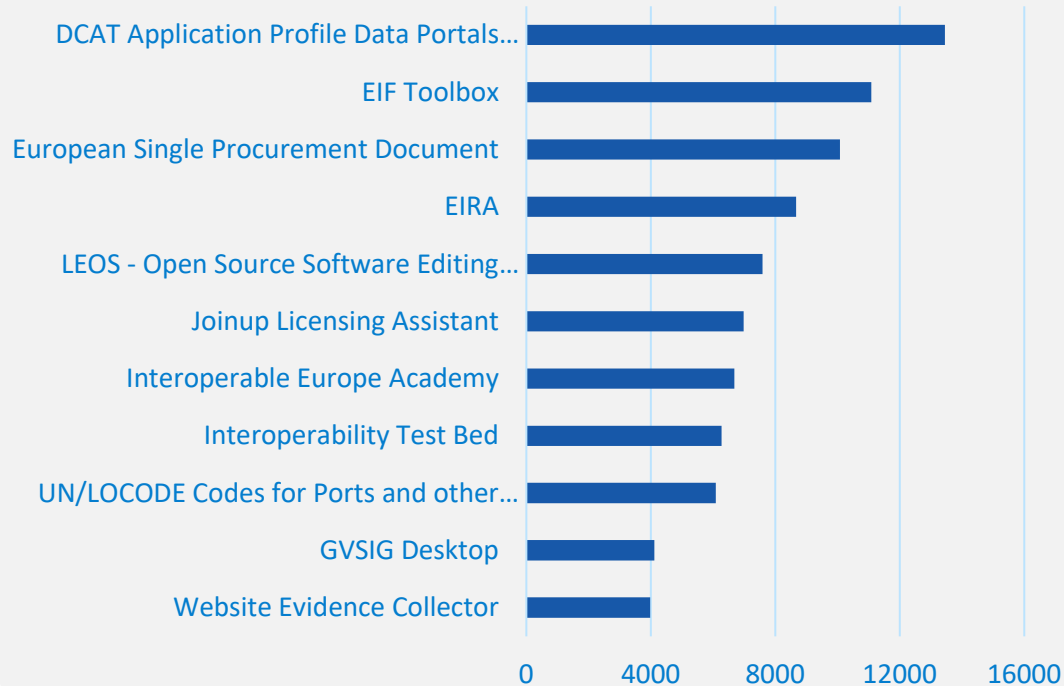


*All figures exclude spam-generated content

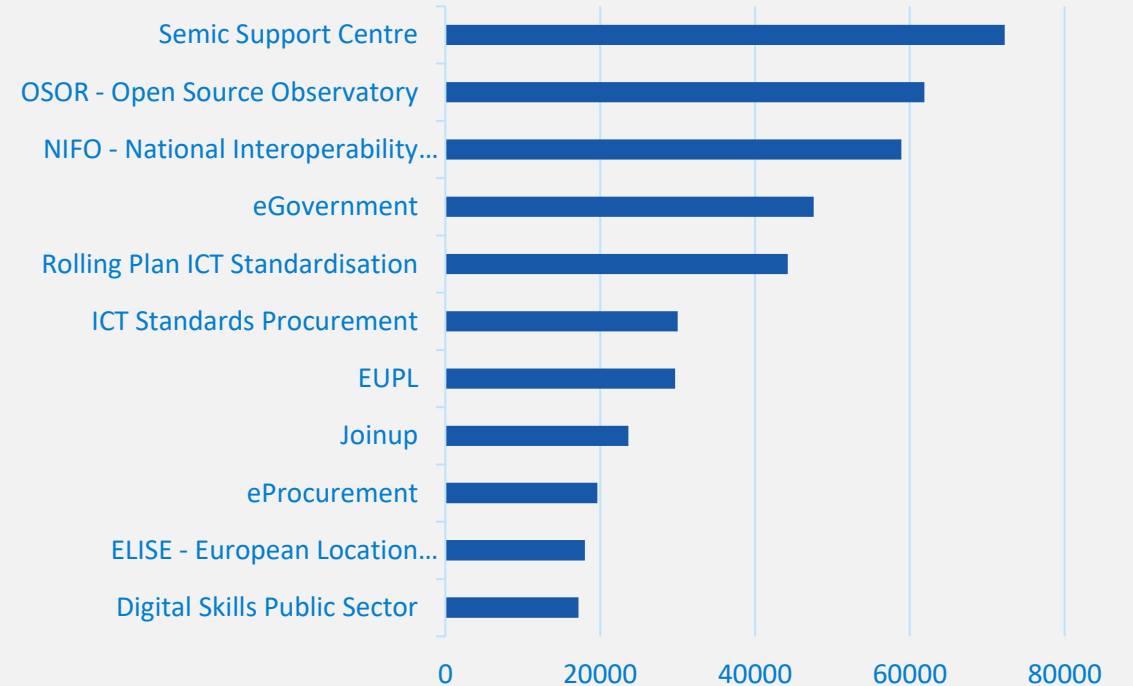
1. Figures taken from 01/11/2022, to 01/11/2023, and compared with previous year
2. Users that are not blocked and have an EU Login account

Key Figures* and Interesting Trends (2/3)

Top Solutions Per page views (2023)



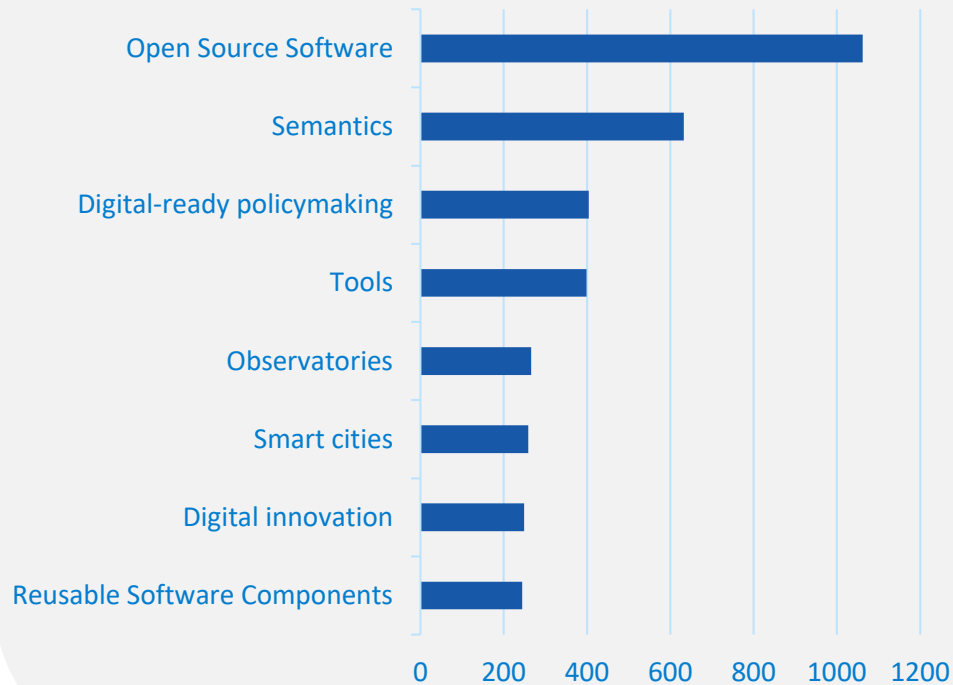
Top Collections Per page views (2023)



Key Figures* and Interesting Trends (3/3)

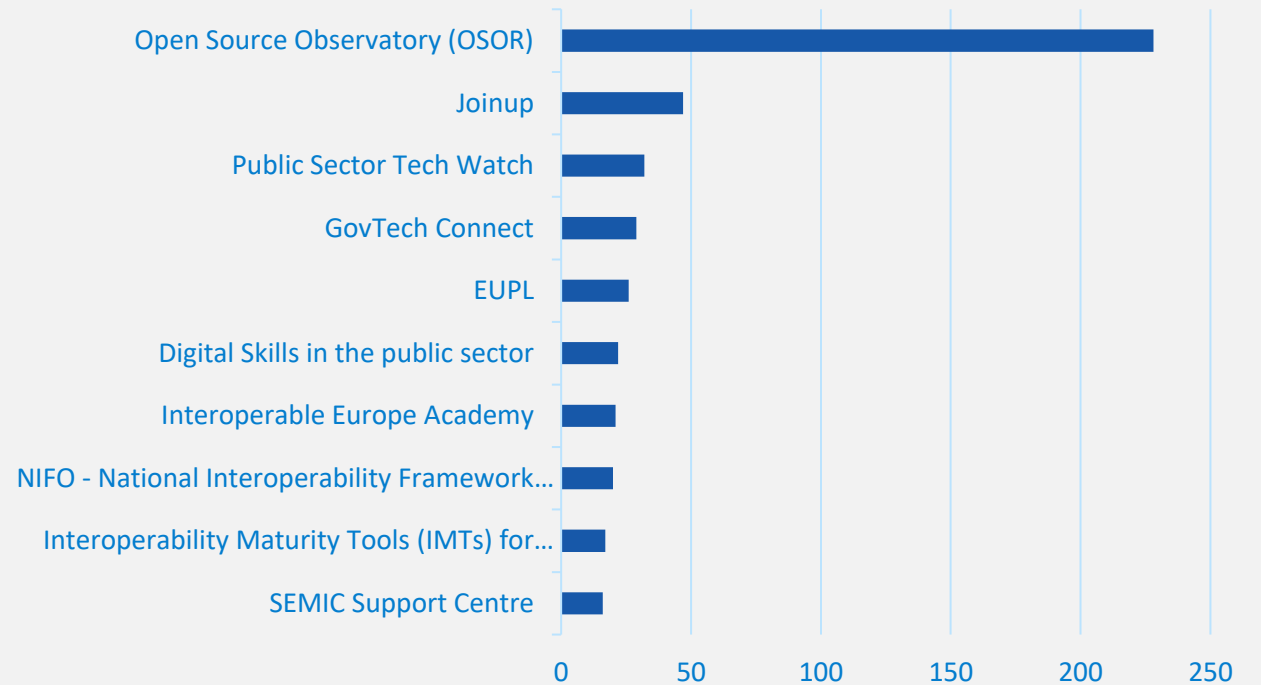
Topics popularity

Per page views (Mar – Oct 2023)



Liked content

Per clicked Likes (Jun – Oct 2023)



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New user interface & theme

The screenshot shows the joinup website interface for the EUPL collection. At the top is a dark blue navigation bar with the joinup logo, 'Interoperable Europe', 'Interoperability Solutions', 'Sign in', a 'Get started' button, and a search icon. Below this is the EUPL collection header, featuring the EUPL logo, the title 'EUPL', and a 'Join this collection' button. A secondary bar contains navigation tabs: 'Overview' (highlighted with a teal underline), 'Members', 'Discussions', 'Join the EUP...', 'EUPL text (E...', and 'See more' with a dropdown arrow. A teal box highlights the 'Overview' tab and a teal arrow points to it. Below the tabs is a text block describing the collection, with a 'Read more' link. A teal box highlights the 'Read more' link and a teal arrow points to it. At the bottom, there are statistics: '35 News', '4 Solutions', and '1 Document'. A teal box highlights a 'Show archived' toggle switch, with a teal arrow pointing to it. A teal box also highlights a three-dot menu icon on the right side of the navigation tabs, with a teal arrow pointing to it.



Horizontal **menu**



Highlighted **“Discussions”** in a separated page



Archived content hidden by default



Optimised for **accessibility & mobile devices**

Topics: Discover our main content

✓ Discover content

✓ Easy access

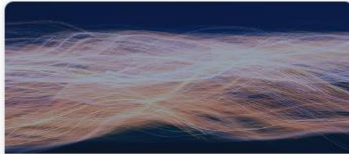
✓ Highlight content

⚡ BROWSE BY MAIN TOPICS



Semantics

Semantic interoperability enables systems and services to exchange and interpret data meaningfully.



Open Source Software

Open source software enables users to use, study, redistribute, and modify software freely.



Observatories

Observatories are monitoring tools designed to gather information on the state of play of digital public administration and interoperability activities.



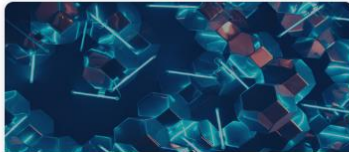
Digital-ready policymaking

Digital-ready policymaking considers digital aspects from start to finish to create policies that are future-proof and interoperable.



Tools

Tools and specifications for achieving interoperability in the EU public sector improve coordination, data sharing, and decision-making across sectors.



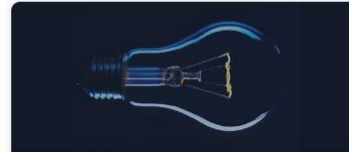
Reusable Software Components

Reusable software components improve efficiency, reduce costs, and facilitate interoperability in digital public services.



Smart cities

Smart cities can contribute to achieving the EC's Digital Decade objectives, promoting sustainability and innovation in the public sector.



Digital innovation

The Innovation topic discusses how governments are using AI, Blockchain, and GovTech to enhance operations and serve citizens better.

⚡ FEATURED CONTENT



Digital-ready policies

Last update: 10/03/2023

Digital-ready Policies

What does digital-ready policies mean? Policies (and legislative acts) are digital-ready if they enable smooth and digital by default policy implementation through best use of digital technologies and data. Components and enabler of...

0

Custom page



Digital-ready policies

Last update: 13/03/2023

Legislation & Technology

What do we mean by Legislation & Technology? We believe that technology can support policymaking activities in various ways. This page explores the different links between legislation and technology and how technology can be an...

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Custom page



Last update: 10/03/2023

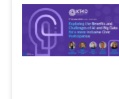
BLSI Learning Hub

The BLSI (Better Legislation for Smoother Implementation) Learning Hub is a continuously evolving space gathering learning material on different topics linked to BLSI. It is for all types of profiles involved into policymaking (e.g. policymaker...

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Custom page

⚡ IN THE SPOTLIGHT



Virtual event

Exploring the Benefits and Challenges of AI and Big Data for a more Inclusive Civic Participation
In an era where Artificial Intelligence (AI) and Big Data have become inseparable from our daily lives, their influence on democratic governance is profound. These technologies hold the potential to revolutionise the way societies engage in democratic processes...

09/10/2023

Digital-ready policymaking European Policies Tools

0

Event



Hybrid event

GovTech Connect | Boot Camps Pitch Day
Join our hybrid event (Madrid or online) to experience the pitches from GovTech Connect Boot Camp's Northern & Southern European cohorts! Don't miss this unique opportunity to hear from and connect with the most promising digital startups that are...

20/10/2023

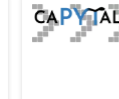
Business and competition Digital-ready policymaking

+2 topics

1

Event

⚡ LATEST NEWS



Latest News

CAPYTALE
An Example of Practical Open Source Education in France
The Academy of Paris is using the open source Besthon software for Capytale - an online platform teaching digital skills to students in secondary school. Not only is the software open source, released under GPLv3, but the content shared on the platform is generally...

06/10/2023

Collaboration Digital-ready policymaking +5 topics

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News



Latest News

Register for the GovTech Connect Pitch Day!
Join an audience of experts, investors, public officials, and government representatives at our 2023 GovTech Connect Boot Camps Pitch Day on October 20th! Witness different ways to innovate the public sector as Northern & Southern Europe startups...

04/10/2023

Business and competition Digital-ready policymaking

+3 topics

1

News



Join the community
of courses!

The **Academy** offers 25 free online **courses** on interoperability.

Introduction to Interoperability



Course available in **24 EU languages**

Alignment of National Interoperability Frameworks (NIFs) to the European Interoperability Framework (EIF)



Targets Member States to align “National Interoperability Frameworks” to the “**European Interoperability Framework**”

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User Group Meeting

Archive feature

Archiving content

➤ **Owners** and **Facilitators** can archive content inside their Collection/Solution

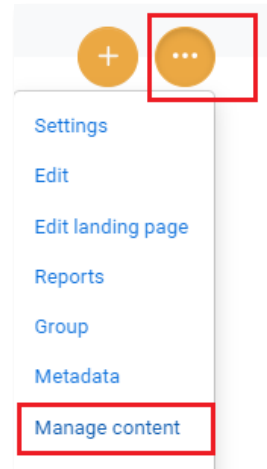
➤ The content items that can be archived are:

- News
- Events
- Documents
- Discussions
- Custom pages

➤ You can **batch archive** multiple items from the Edit page of your Collection/Solution using the **Manage content** feature

To archive a single item, go to the **Edit page** of the item you want to target and chose “Archive” from the bottom of the page

➤ Archived content can be reached either through the ‘Advanced Search’ of Joinup or the ‘Overview’ pages of the Collections/Solutions



Why archive?

➤ **Clean presentation** of your Collection/Solution:
Focus users’ attention on what is new and relevant

➤ The user will see only **relevant results** when they search for content

Note #1: Archived content is still reachable with a single click

Note #2: Content shared in other Collections/Solutions will also be archived if the original item is archived



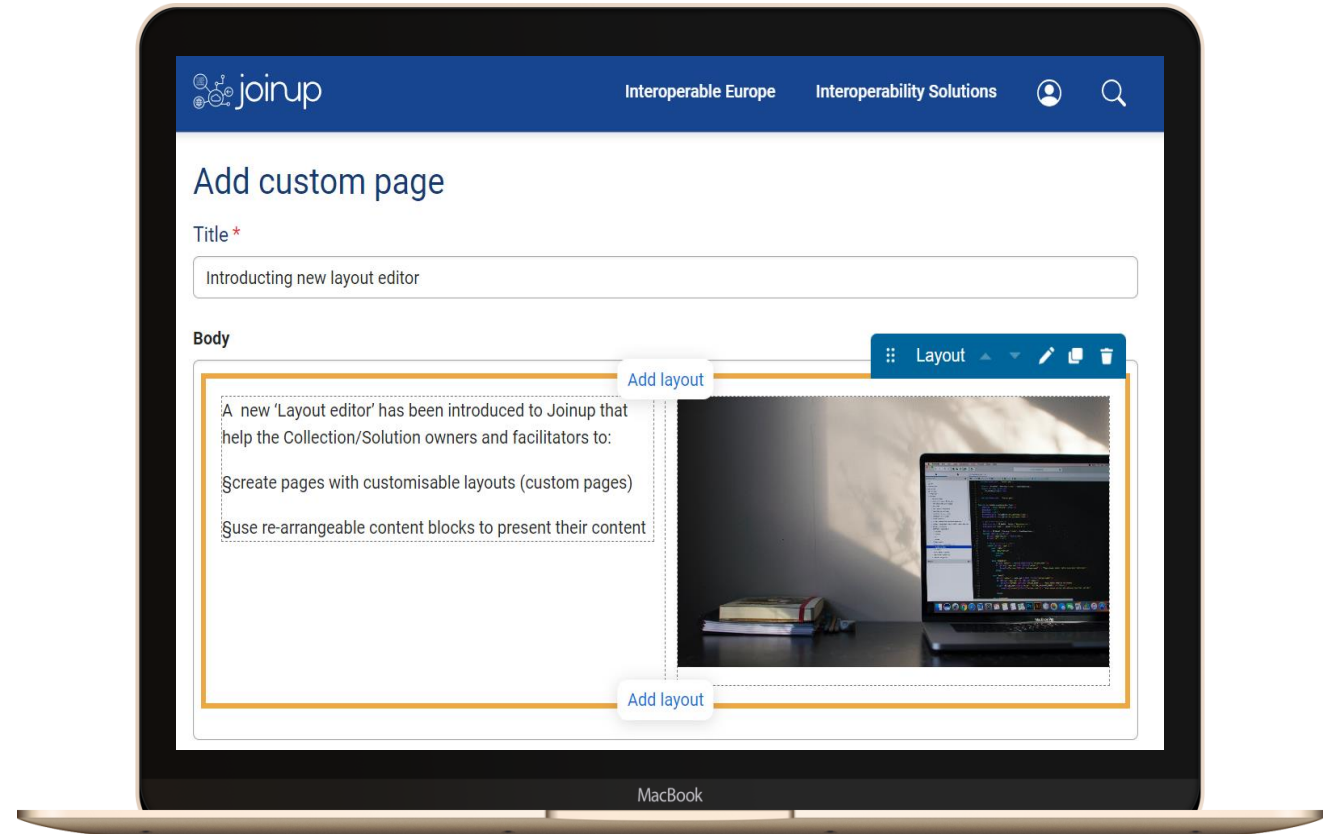
New Layout Editor

A new 'layout editor' has been introduced to Joinup that helps Collection/Solution owners and facilitators to:

- **Create pages with customisable layouts** (custom pages)
- Use **re-arrangeable components** to present their content

Advantages

- A user-friendly way to create custom page layouts, with up to four columns
- Better adaptability to mobile device screens
- New components are available, such as:
 - Call-to-action buttons
 - Polls
 - GitHub feeds
 - Carousels
 - Testimonies etc.



Custom landing page for Collections/Solutions

Set your own entry point to your Collection/Solution

- Personalise appearance & content
- Take advantage of the new Layout Editor
- Set any Custom Page as a landing page
- Apply with only a few clicks

The screenshot shows the OSOR landing page with a blue header. The main content area features a grid of 12 items, each with a thumbnail, title, and date. The items include: 'CMS Census helps CTOs choose the right OSS solutions', 'OSOR Webinar, 13 June: OSS in Public Sector', 'OSPOs for Good: Building & Designing Cooperative Digital...', 'EOSS2023 - Embedded Open Source Summit 2023', 'Annual X-Road Community Event call for speaker is open', 'Public sector software catalogues', 'Schwäbisch-Hall use of open source', 'Austrian OSSBIG publishes Blueprint for Digital Sovereignty', 'Slovakia's Action plan for smart cities and Regions', 'OSPO knowledge network: Open source software and the OSPO...', 'Bits & Bäume NRW', and 'Newsletter'. A navigation bar at the top includes 'Overview', 'Members', 'About', 'OSOR Newsletters', and 'Knowledge Centre'. A 'Join this collection' button is visible in the top right.



The screenshot shows the OSOR landing page with a blue header. The main content area features a 'Highlight' section for the 'OSOR Awards - you can now vote for your favourite project'. Below this is an 'Explore OSOR' section with three columns of links: 'Knowledge Centre', 'OSPOs and OSS Governance', and 'Cities and Regions'. The 'OSOR Awards' section includes a 'Vote now' button. The 'Explore OSOR' section includes a 'Resource Map', 'Newsletters', and 'Community Events' section. A navigation bar at the top includes 'OSOR mission', 'About', 'Knowledge Centre', 'OSOR Awards 2023', 'OSPOs & OSS Govern...', and 'See more'. A 'Join this collection' button is visible in the top right.

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- **What is it?** An observatory on the use of emerging technologies (AI, blockchain, etc.) in the EU Public Sector
- **For whom is it?** Public sector officials, policy makers, private companies, and academia, interested in the latest public innovation trends
- **How to contribute?** Subscribe to the Collection to stay updated, share your own use cases, suggest news/reports/initiatives to be displayed!

Stories

- **Insights** on how public administrations use technology to improve service delivery or internal processes

Cases

- A database that allows to search and discover practical **use cases**: more than 1100 today, with more to come!

Knowledge Centre

- A **repository** of reports and projects: A one-stop to be aware of latest trends and initiatives on the use of technologies in the EU public sector

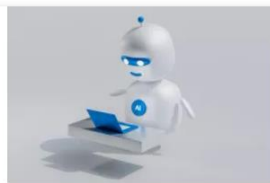


Last update: 10/10/2023

Automating the energy poverty report in Catalunya

Observatories Social +2 topics

0 Custom page



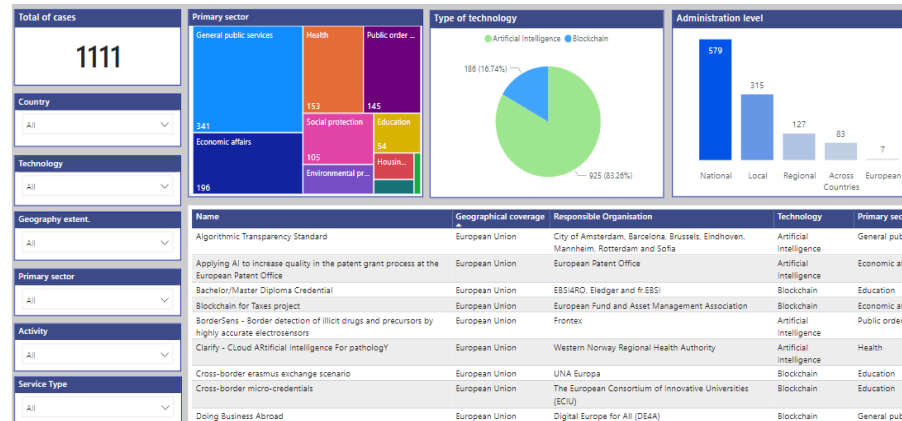
Last update: 06/10/2023

Bürokratt – a single chatbot for Estonia

Observatories AI Chatbot

Artificial intelligence

0 Custom page



+ Report your own cases!

Last update: 10/10/2023

Artificial Intelligence for Interoperability in the European Public Sector

Observatories

1 Document

Last update: 10/10/2023

AI Watch, European landscape on the use of Artificial Intelligence by the...

eGovernment Artificial intelligence

Digital innovation

1 Document

Website Evidence Collector Solution (1/3)

- EU institutions, bodies, agencies have over 1000 websites
- Goal: automation to audit more websites with the 3 case handlers
- Market research reveals that no tool offers yet:
 - scans in intranets or air-gapped networks
 - confidentiality of audit target and audit evidence
 - transparency, reproducibility of the evidence collection
- EDPS developed Website Evidence Collector (WEC)
- Free and open source project (EUPL-1.2 – EU public license) (on [Github](#) or on [our website](#))
- [Awarded with Global Privacy Award](#) in 2019



Website
Evidence
Collector



GPA
Global Privacy Assembly

Website Evidence Collector Solution (2/3)

• Features

- Collect evidence when browsing websites
 - Cookies, HTTPS configuration, web beacons, HAR recording, screenshots
 - Preset (consent) cookies before the collection ('bring your own cookies')
- Quite reproducible setup based on Chromium and Puppeteer library
- Developed in JavaScript with minimal dependencies (Node, NPM, [TestSSL](#))

• Output

- user Human-readable HTML files (open in any browser) and PDFs
- robot Machine-readable JSON and YAML files for post-processing
- Support for custom HTML/PDF templates using the `website-evidence-reporter`

Website Evidence Collection (https://www.thesun.co.uk) — Mozilla Firefox

Website Evidence Collection (ht ×) +

file:///home/rriemann/D 60%

1 Website Evidence Collection

1.1 <https://www.thesun.co.uk>

2 Evidence Collection Organisation

Target Web Service	https://www.thesun.co.uk
Automated Evidence Collection Start Time	12/06/2023, 14:01:09
Automated Evidence Collection End Time	12/06/2023, 14:01:18
Software Version	v2.0.0-48-g26014ce
Software Host	mars.fritz.box

3 Automated Evidence Collection

The automated evidence collection is carried out using the tool [website evidence collector](#) (also [on Github](#)) in version v2.0.0-48-g26014ce on the platform Linux in version 6.3.6-1-default. The tool employs the browser Chromium in version HeadlessChrome/109.0.5412.0 for browsing the website.

During the browsing, the tool gathers evidence and runs a number of checks. It takes screenshots from the browser to identify potential cookie banners. It tests the use of HTTPS/SSL to check whether the website enforces a HTTPS connection. Then, the evidence collection tool scans the first web page for links to common social media and collaboration platforms for statistics on the overall use of potentially privacy-intrusive third-party web services.

The analysis of the recorded traffic between the browser and both the target web service as well as involved third-party web services, and the browser's persistent storage follows in a [subsequent section](#).

3.1 Webpage Visit

On 12/06/2023, 14:01:09, the evidence collection tool navigated the browser to <https://www.thesun.co.uk>. The final location after potential redirects was <https://www.thesun.co.uk/>. The evidence collection tool took two screenshots to cover the top of the webpage and the bottom.

Website Evidence Collector Solution (3/3)

```
- name: _ga
  value: GA1.3.902435261.1686571272
  domain: thesun.co.uk
  path: /
  expires: 1721131271.563984
  size: 29
  httpOnly: false
  secure: false
  session: false
  priority: Medium
  sameParty: false
  sourceScheme: Secure
  sourcePort: 443
  expiresUTC: 2024-07-16T12:01:11.563Z
  expiresDays: 400
  log:
    stack:
      - columnNumber: 585
        fileName: https://www.google-analytics.com/analytics.js
        functionName: zc
        lineNumber: 27
        source: '    at zc (https://www.google-analytics.com/analytics.js:27:585)'
      - columnNumber: 401
        fileName: https://www.google-analytics.com/analytics.js
        functionName: ma
        lineNumber: 61
        source: '    at ma (https://www.google-analytics.com/analytics.js:61:401)'
  type: Cookie.JS
  timestamp: '2023-06-12T12:01:11.564Z'
  location: https://www.thesun.co.uk/
  firstPartyStorage: true
```

Stored on
thesun.co.uk

JS cookies set by a
script loaded from
google-analytics.com

thesun.co.uk is marked
as first-party domain

Details on Cookies from WEC Evidence Collection

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Coming soon

EU Open-Source Software Catalogue

The European Commission Open-Source Strategy 2020-2023

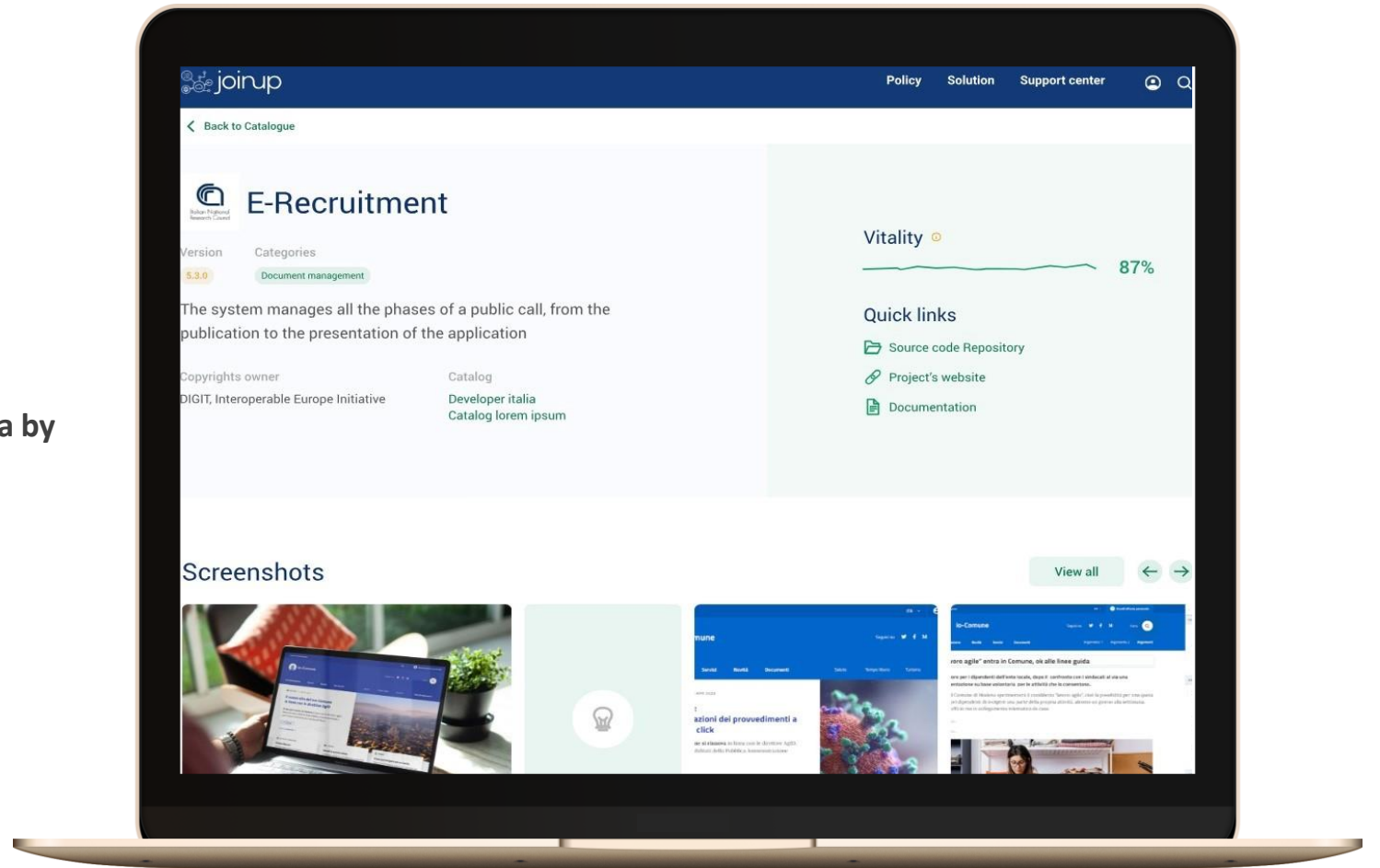
EU Open-Source Software (OSS) Catalogue



Share and reuse Open Source Software Solution developed or used by Public Administrations.



EU Open Source Solutions Catalogue retrieve data by the National Catalogues repositories.



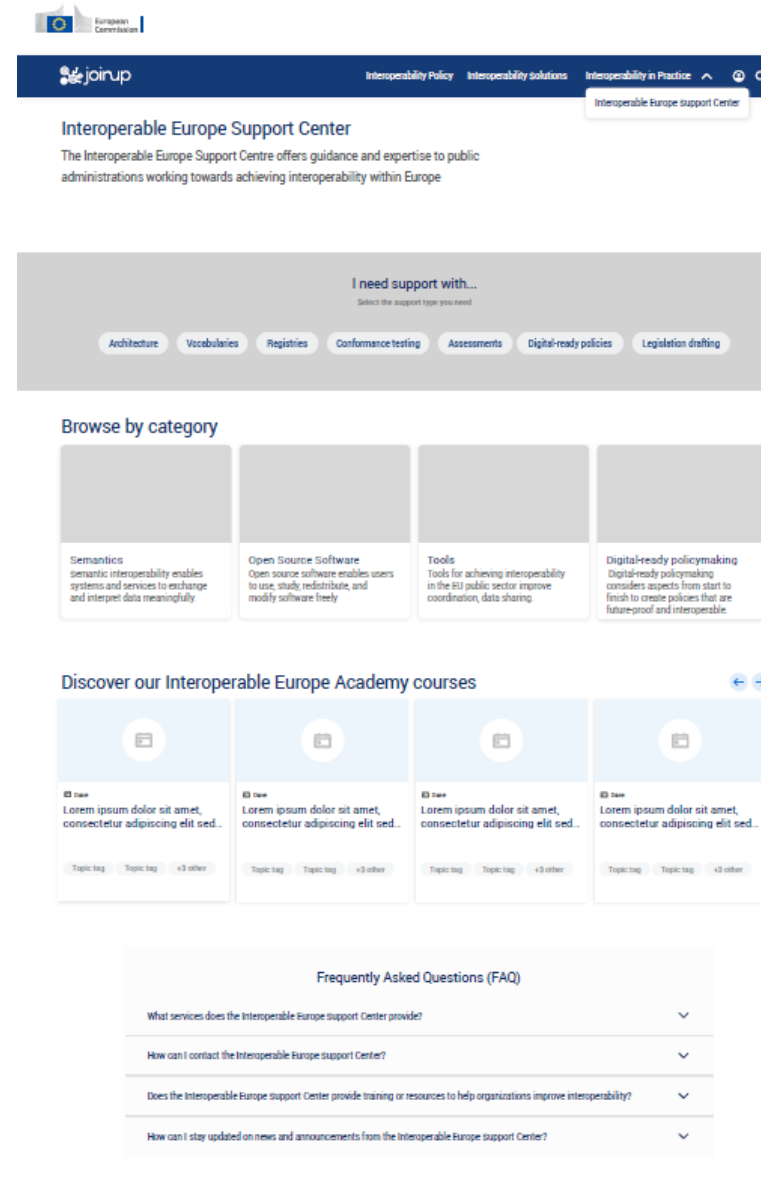
Coming soon

Interoperable Europe Support Centre

The **Interoperable Europe Support Centre** will offer access and assistance to interoperability-related information and topics provided by DIGIT's Interoperability Unit.

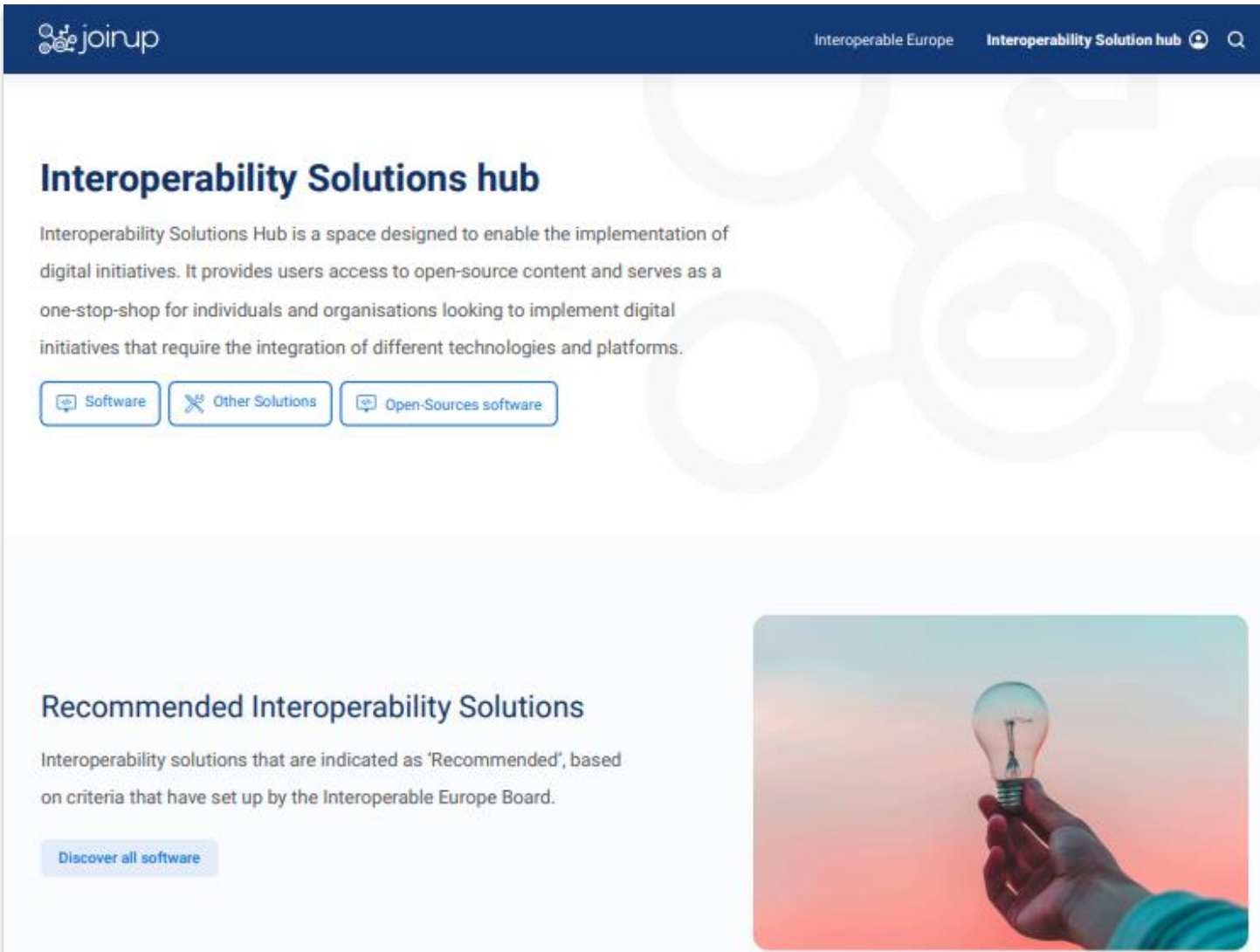
Benefits:

- Support topics grouped into categories
- Accessible from a single location
- Streamlined support coordination
- Request for additional support also available



Coming soon

Interoperability Solutions Hub



The screenshot shows the top navigation bar with the 'joinup' logo on the left and 'Interoperable Europe' and 'Interoperability Solution hub' on the right. The main heading is 'Interoperability Solutions hub'. Below it is a descriptive paragraph: 'Interoperability Solutions Hub is a space designed to enable the implementation of digital initiatives. It provides users access to open-source content and serves as a one-stop-shop for individuals and organisations looking to implement digital initiatives that require the integration of different technologies and platforms.' There are three filter buttons: 'Software', 'Other Solutions', and 'Open-Sources software'. Below this is a section titled 'Recommended Interoperability Solutions' with a sub-description: 'Interoperability solutions that are indicated as 'Recommended', based on criteria that have set up by the Interoperable Europe Board.' A 'Discover all software' button is located at the bottom left of this section. On the right side of the page, there is a large image of a hand holding a lit lightbulb against a sunset background.



The new hub will help you to **discover** solutions



Easy access to

- open-source software used by public administrations;
- recommended solutions;
- interoperability software;
- tools and specifications.



Highlight some solutions

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We would like to hear from you!

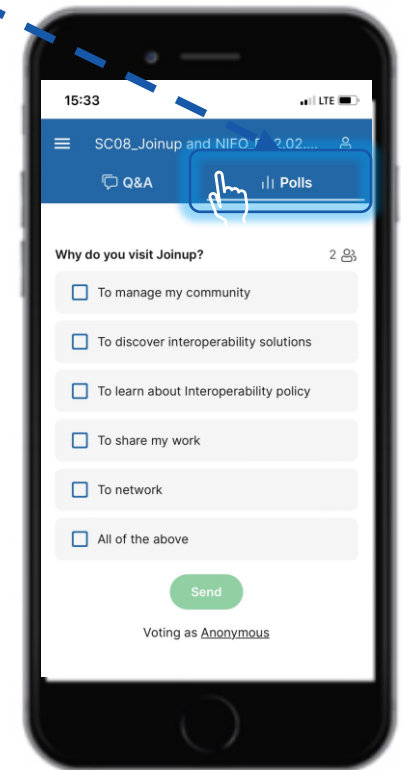
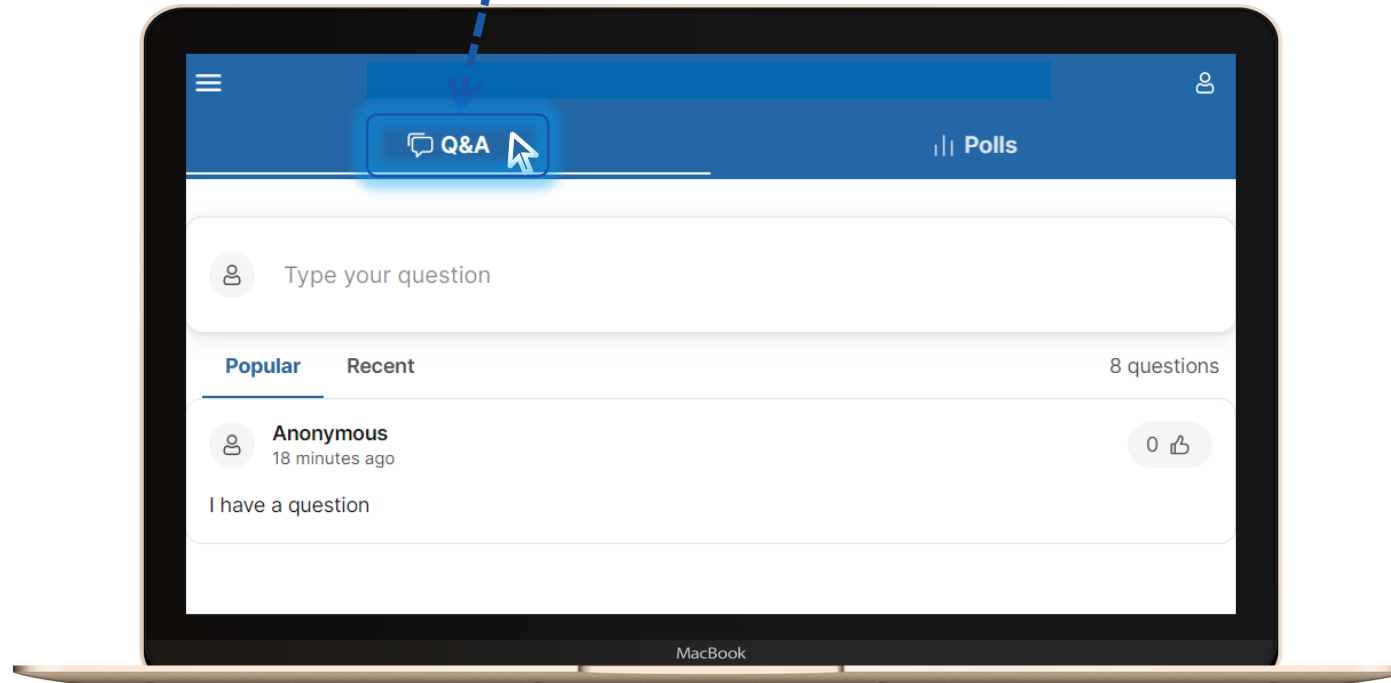
Join at **slido.com**
and enter the code
#2543072

Use this QR code:



Click here and add
your questions!

Go here to answer
the survey!



slido



What is your background?

ⓘ Start presenting to display the poll results on this slide.

slido



What is your favourite Joinup Collection or Solution?

ⓘ Start presenting to display the poll results on this slide.

slido



What could be improved on Joinup?

ⓘ Start presenting to display the poll results on this slide.

slido



What new features would you like to see on Joinup?

ⓘ Start presenting to display the poll results on this slide.

slido



**What new content would you like to see on
Joinup?**

ⓘ Start presenting to display the poll results on this slide.

slido



**What would you like to see in the next
Joinup User Group Meeting?**

ⓘ Start presenting to display the poll results on this slide.

slido



Please rate this User Group Meeting

ⓘ Start presenting to display the poll results on this slide.

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joinup



[@Joinup_eu](https://twitter.com/Joinup_eu)



[Joinup Community](https://www.linkedin.com/groups/12208169)



[Contact us](mailto:joinup@ec.europa.eu)



joinup.ec.europa.eu

Thank you!
Any questions?

interoperable
europe
innovation ∞ govtech ∞ community