

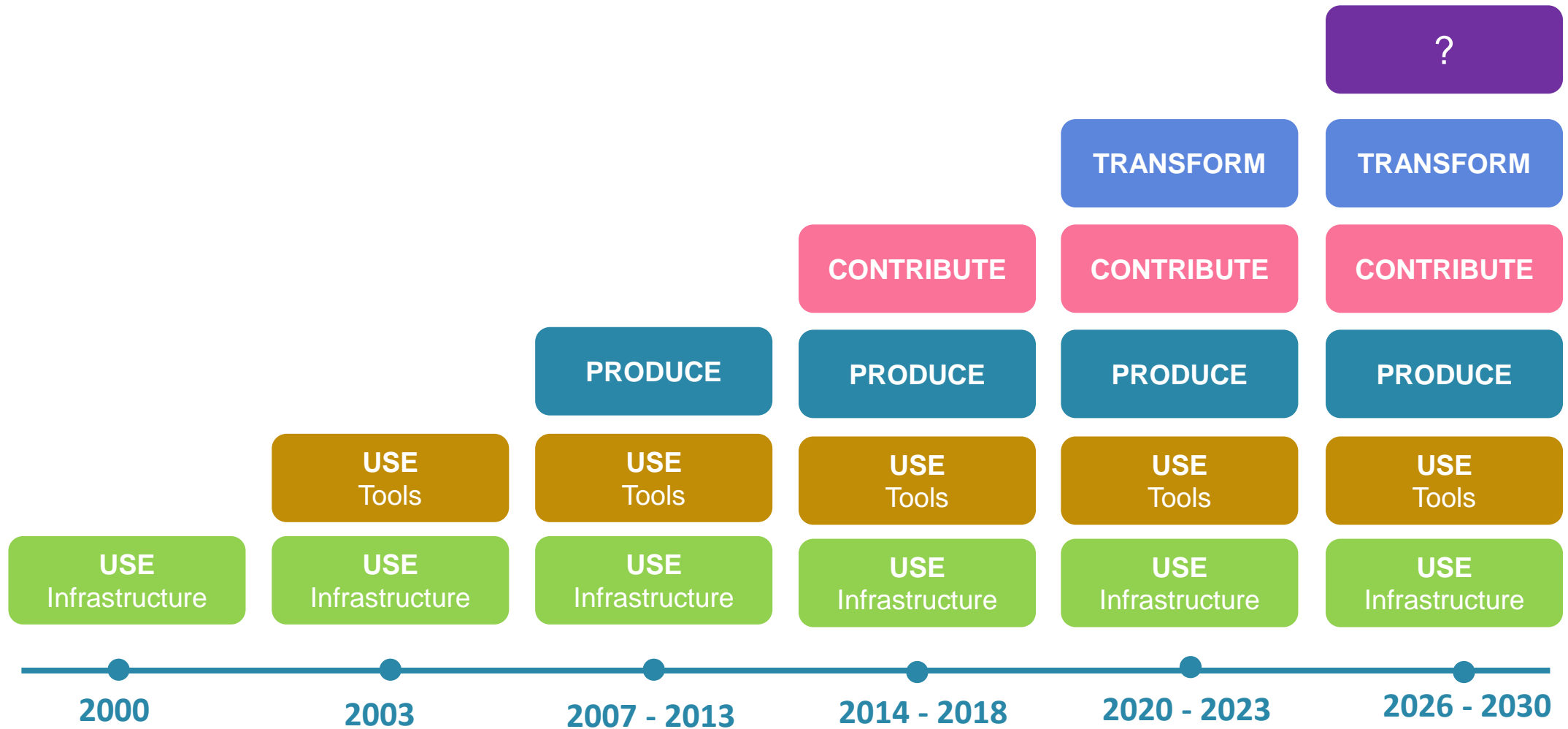


Free/open source at the European Commission

OSPO Alliance On Ramp; 16 May 2025

Gijs Hillenius – EC OSPO

Commission open source journey



Action Plan

Action	
1	Set up an Open Source Programme Office
2	Set and promote inner source as default
3	Enhance software repository
4	Revise software distribution practices
5	Enable and generate innovation with open source labs
6	Develop skills and recruit expertise
7	Increase outreach to communities
8	Integrate open source in internal IT Governance
9	Ensure security
10	Encourage and promote inner source

Create an OSPO



OSPO created



*Open source
communities*



European Parliament

*Pilot Projects and
Preparatory actions*




Open Source Strategy



Removal of Legal barriers



We can publish our code faster



European
Commission

EN English

Search

Home > Transparency > Register of Commission Documents > Search > C(2021)8759

Register of Commission Documents

Welcome to the Register of Commission documents.

Here you can find various types of Commission documents such as proposals, impact assessments, communications, delegated and implementing acts and other Commission decisions, agendas and minutes of meetings held by the College of Commissioners.

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COMMISSION DECISION on the open source licensing and reuse of Commission software

Document type	Decision
Reference	C(2021)8759
Date	08/12/2021
Responsible service	Joint Research Centre

Download document

Before decision


After decision

Time needed to get approval for publishing the code as open source

Article 9

Contributions to external open source projects

Commission services shall be allowed to take part in and contribute to external open source projects deemed to be in the interests of the Union or of one of its policy objectives.



European
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Open Sourcing

```
@merge_request.target_commit  
s_allowed = @reply_allowed = true  
s_target = {  
  le_type: 'MergeRequest',  
  le_id: @merge_request.id  
}  
  
tes = @merge_request.notes.where("line_code is  
to do |format|  
  .html  
  .json { render json: { html:  
    o_html_string("projects/merge_requests/show  
    ts.where(target_id: self.id, target_type: "Mer  
    st  
    s.where(target_id: self.id, target_type: "Mer
```

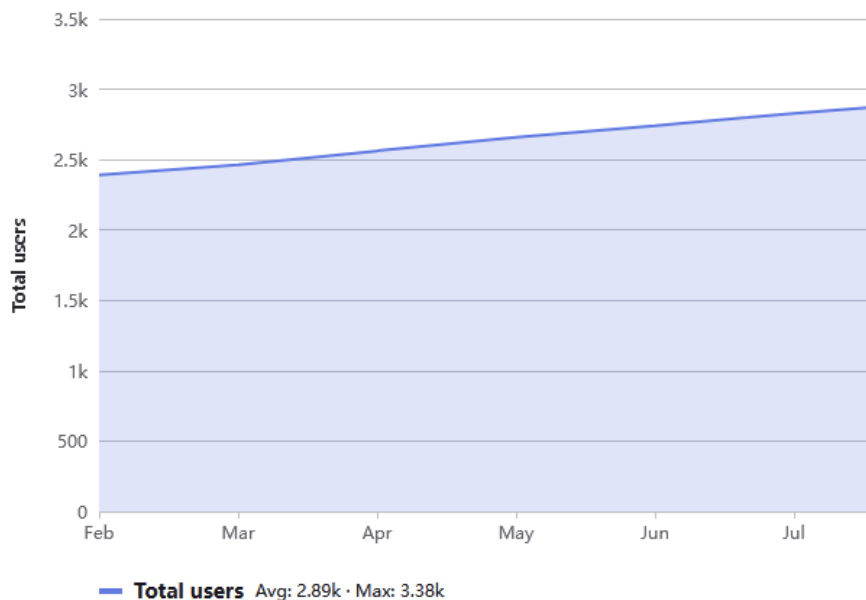

We share more code externally

Usage trends

Projects	Groups	Users	Issues	Merge requests	Pipelines
770	232	3,428	8,254	17,748	190,396

Evolution on the number of projects and users in **code.europa.eu** since its official launch

Total users



- | | Examples |
|-----|---|
| 1) | VECTO https://code.europa.eu/groups/vecto/-/wikis/home |
| 2) | LEOS https://code.europa.eu/leos |
| 3) | eDelivery https://code.europa.eu/edelivery |
| 4) | eSignature DSS https://code.europa.eu/esignature-dss |
| 5) | ECB Graphs https://code.europa.eu/european-central-bank/economics/ecbgraphs |
| 6) | INCA / GIS Plugins - https://code.europa.eu/inca/gis-plugins/gis-plugins |
| 7) | AGRI4CAST -
a. Basgra https://code.europa.eu/agri4cast/basgra
b. Modvege https://code.europa.eu/agri4cast/modvege
c. LINGRA https://code.europa.eu/agri4cast/lingra |
| 8) | CISE https://code.europa.eu/jrc-cise/cise-ctt-extensions |
| 9) | EBSI (European Blockchain Service Infra) https://code.europa.eu/ebsi |
| 10) | Happy Onlife https://code.europa.eu/hol/hol |
| 11) | European Digital Identity - https://code.europa.eu/eudi/architecture-and-reference-framework |
| 12) | SyRIO - https://code.europa.eu/ener-b-4/syrio |

Example: Drupal



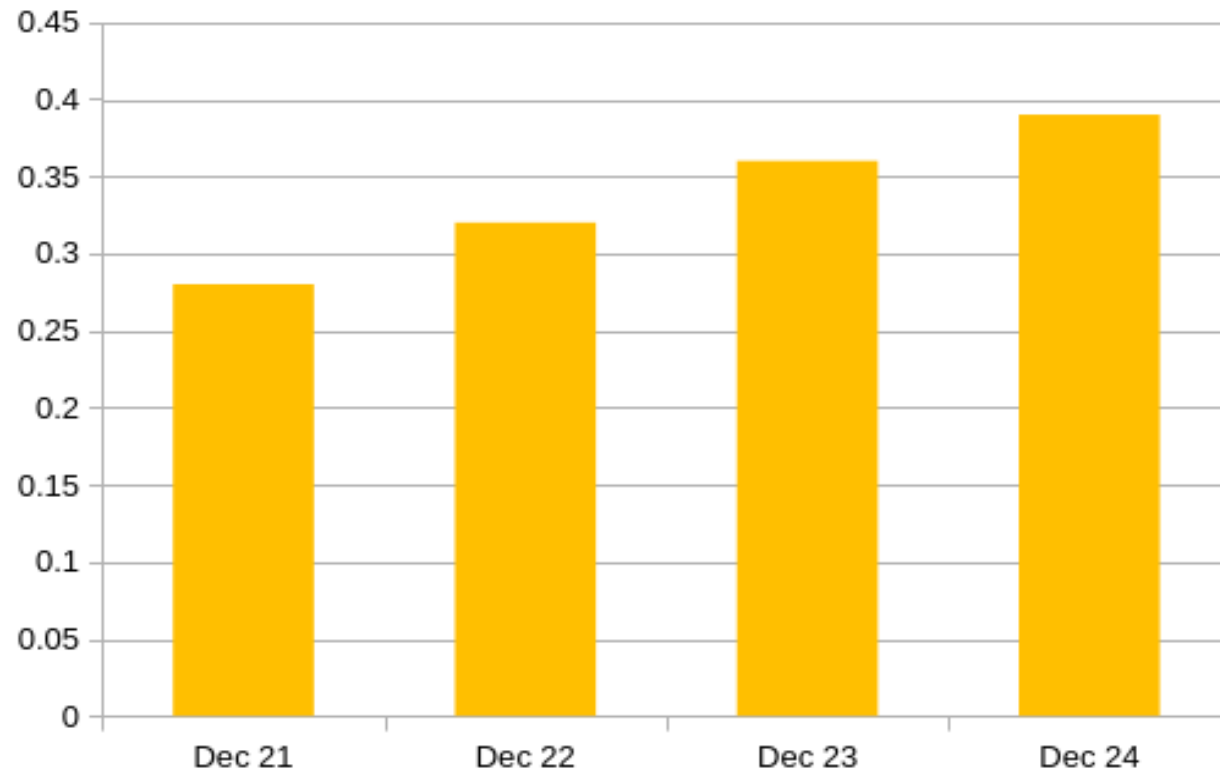
- Dedicated Drupal teams: **100+ Drupal consultants at EC including European agencies**
- **90 People in Drupal.org**
- **Developers, BAs and Designers, Devops, Support teams**

Inner Sourcing

```
parseInt($("#limit_val").a()),  
file_number").e()); function("LIMIT_  
(f = d, function("check rand\ue0e3  
= [], d = d - f, e; if (0 < 6  
(b, c[g])
```


We share more code internally

Ratio of close/open internal software repositories

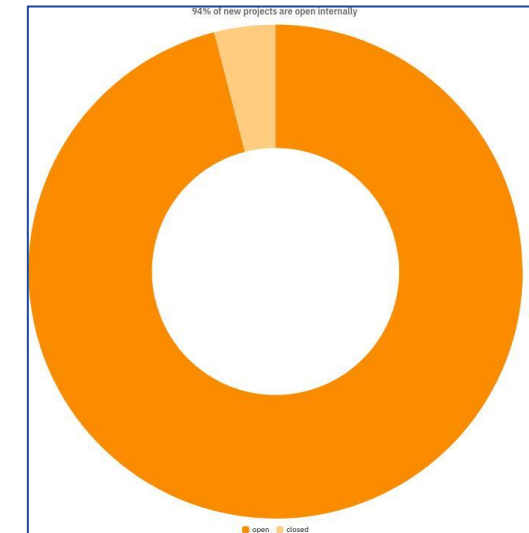


Achievements

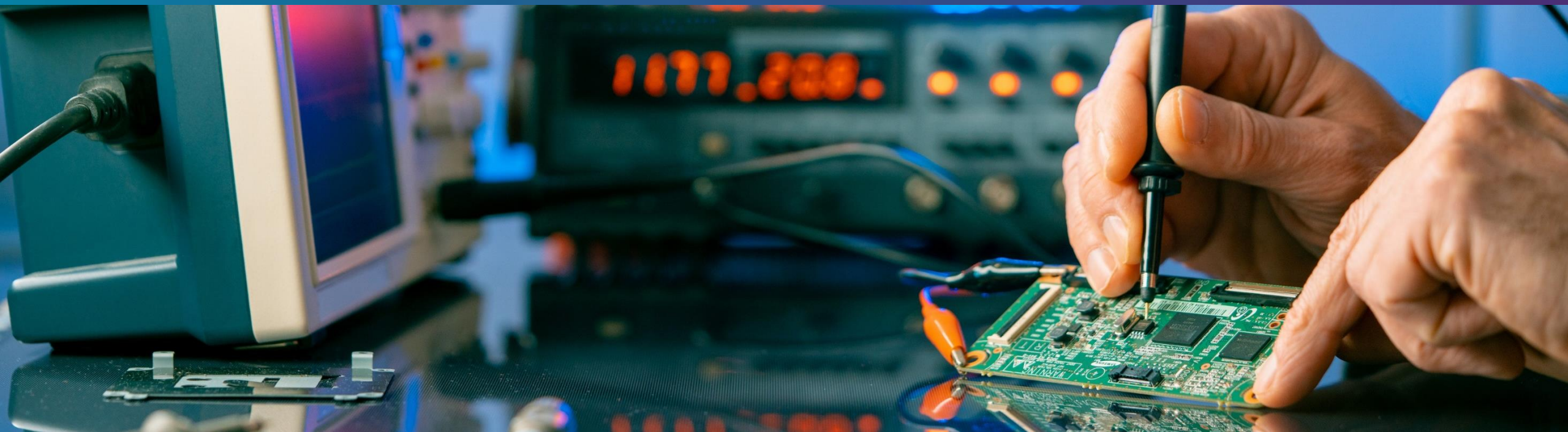
- More than 30% of internal repositories open (3x increase compared to 2021)

Objectives for the years to come

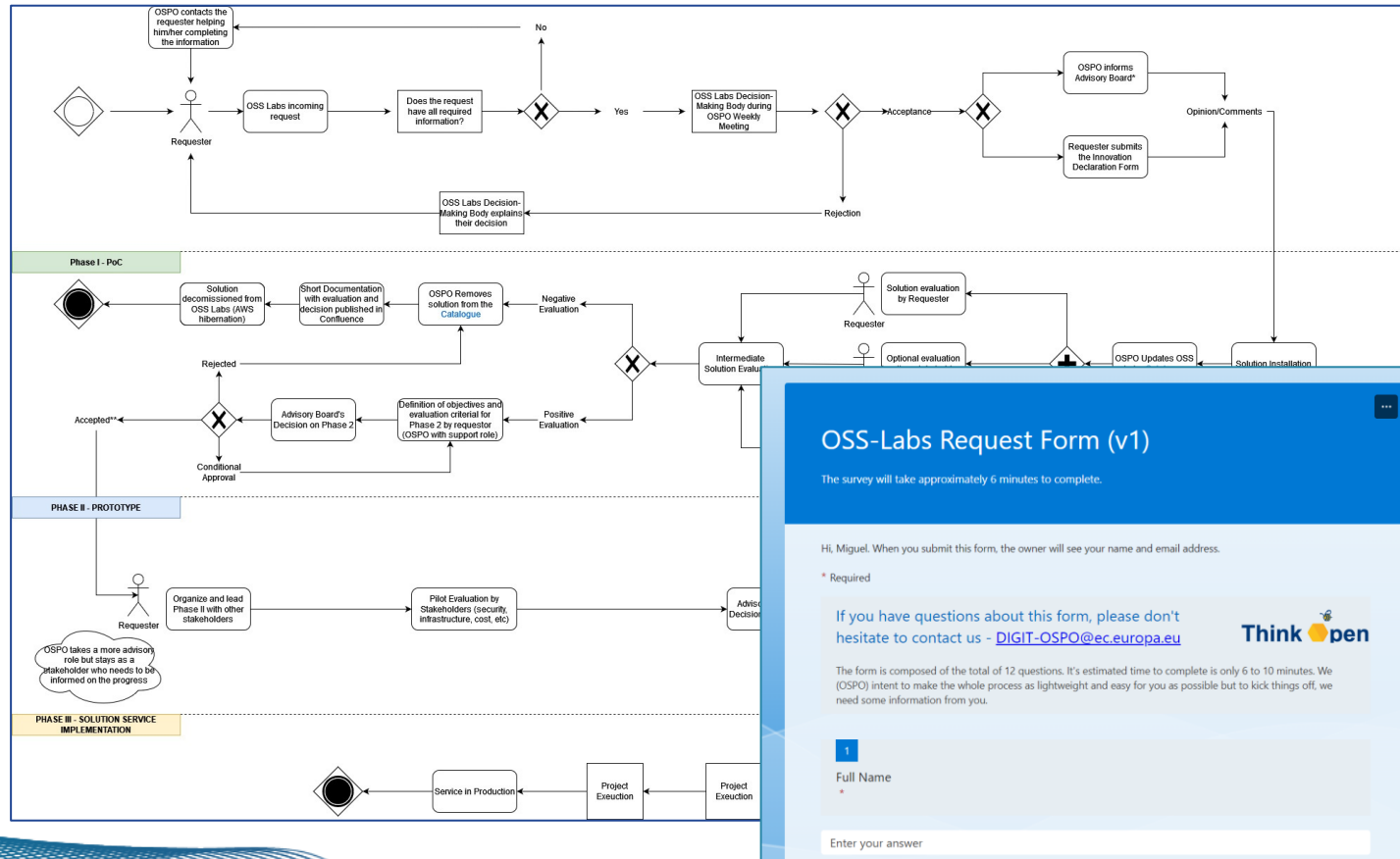
- Continue monitoring projects for inner sourcing
- Increase 5% every year until we get to 90%



Open Source Labs



We have a framework to test open source



Achievements

- Provisioning of infrastructure
- Governance and processes defined
- Launch of 3 labs: Jitsi, CryptPad and Discourse



CryptPad



[Link to the request form](#)

Outreach



Commission present in open source ecosystem

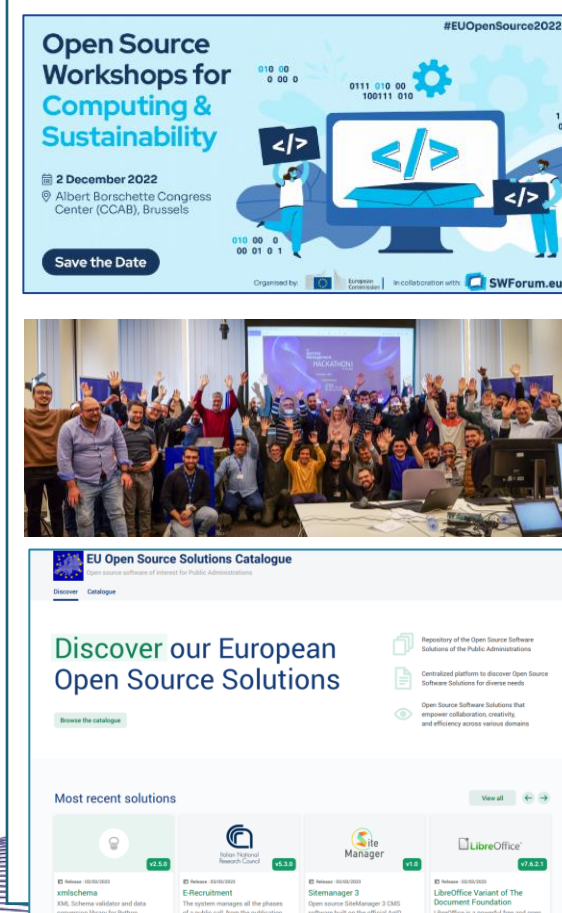
Bug Bounties



Hackathons

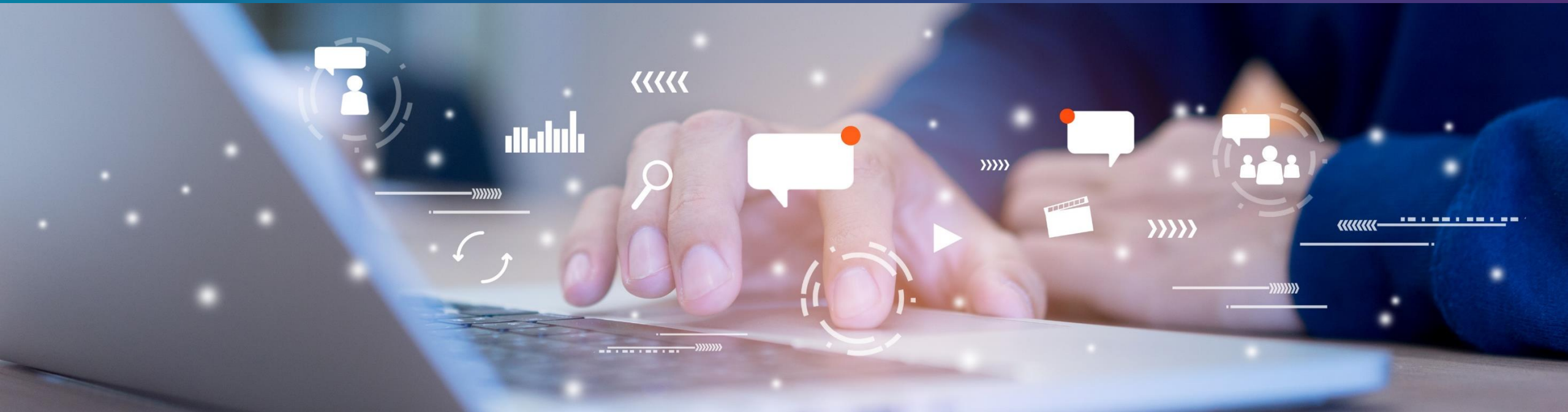


Initiatives




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Commission

Integrate open source in IT Governance



Open source present in our IT governance

<p>Openness and transparency</p> <p><How will the solution be designed to ensure that the data can be shared with other IT systems or made open to the public, e.g. published on the Open Data Portal or using open-source standards? Will the solution increase transparency of information to other stakeholders?></p>	<p>operations. The platform will not store any sensitive data.</p> <p>The solution itself will be open source. It will be designed and implemented to support the open access policy of the European Commission and therefore will only host open access publications and open peer reviews. It</p>
	<p>(CO₂) emissions certification ons from trucks, buses,</p>

Stakeholders

Primary Owner - DG	CLIMA
Primary Provider - DG	JRC
Secondary Provider(s) - DG	DIGIT

Infrastructure

Hosting Mode	DIGIT
Open Source Related Practices	Use open source components/infrastructure Contribute with fixes/improvements to open

Security



European Open Source Solutions Catalogue

The screenshot shows the homepage of the 'interoperable europe' EU Open Source Solutions Catalogue. It features a navigation bar with 'Policy', 'Solutions', and 'Support'. The main heading is 'EU Open Source Solutions Catalogue' with the subtitle 'Solutions created by and for European Public Services'. Below this, there's a 'Welcome' section and a 'Search' bar. A large green box says 'Discover our European Open Source Software'. To the right, there are three icons representing different aspects: 'Repository of the Open Public Administration', 'Centralized platform Solutions for diverse domains', and 'Open Source Software collaboration, creating domains'. A 'Browse the catalogue' button is at the bottom. The 'Most recent solutions' section displays four cards: 'IO' (version 3.0.0-rc.1), 'IO Design System' (version v5.0.0), 'Onyxia' (version v10.8.14), and 'OpenCity Italia - La Stanza del Cittadino' (version 3.13.0-rc.5).

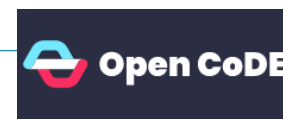
SOURCE CATALOGUES

- ☐ Avointkoodi.fi (1)
- ☐ Awesome CodeGouvFr (18)
- ☐ Code Europa EU (13)
- ☐ Developer Overheid (35)
- ☐ Developers Italia (435)

Show more

Features

- Implements publiccode.yml data standard
- Fetches data from national catalogues
- Possible to add projects manually



Developer Portal

Eén plek voor developers die voor of met de overheid ontwikkelen



Mission logiciels libres

<https://code.gouv.fr>



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Impact for Commission

- Now, we consider open source at the early stages of a project
- The software we develop is becoming more secure
- Developers start looking/reusing code from other projects internally
- Development teams can now open their code easily (no legal barriers)
- We start receiving third party code contributions
- Cost savings: GitLab Ultimate used for code.europa.eu at €0 cost license
- Improved compliance: more software IP assets declared in our registry



The Open Source Strategy is already having an effect

Efforts will be pursued in the next strategy iteration

Thank you!

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