

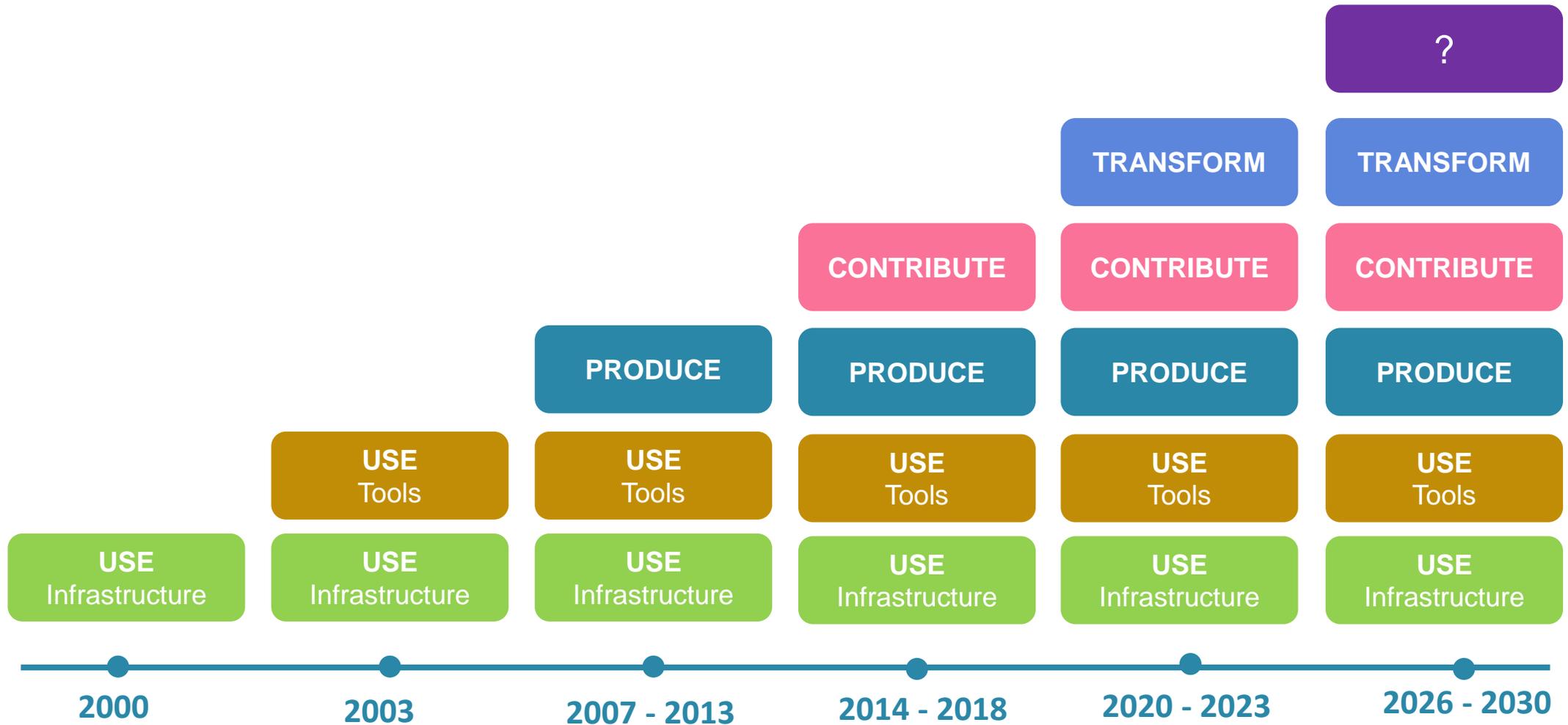


# Free/open source at the European Commission

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

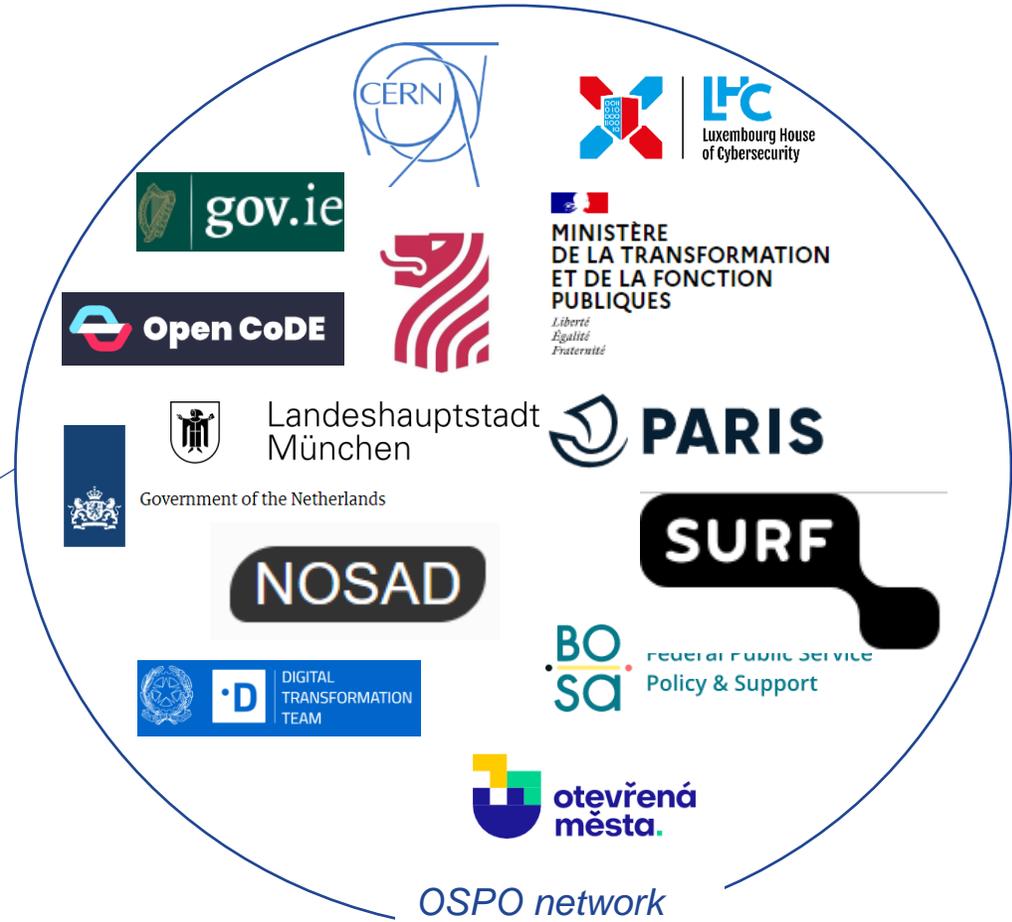


European Parliament

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.

PAGE CONTENTS

- Document details
- Download document
- More information about the document

<b>COMMISSION DECISION on the open source licensing and reuse of Commission software</b>
<i>Article 9</i>
<b>Contributions to external open source projects</b>
<b>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.</b>

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

Before decision

After decision

Download document

# 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  
  
216     mark_as  
217     else  
218     mark_a  
219     end  
220   end  
221  
  
ts.where(target_id: self.id, target_type: "Mer  
st  
  
s.where(target_id: self.id, target_type: "Mer
```

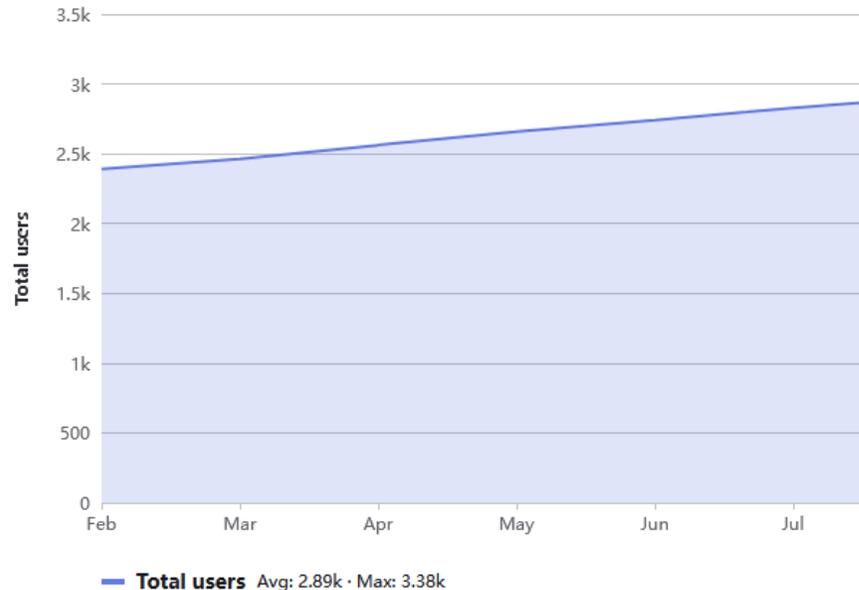
# We share more code externally

## 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



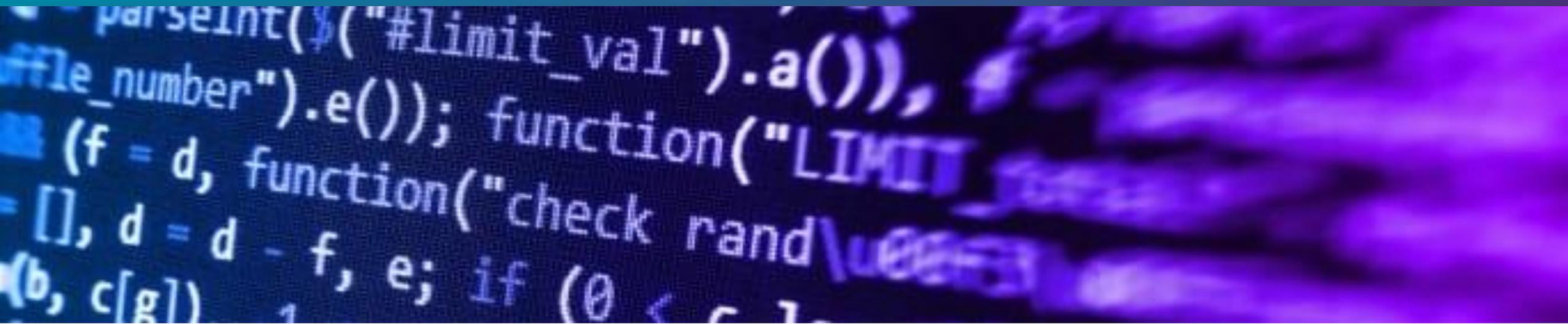
- Examples
- 1) VECTO <https://code.europa.eu/groups/vecto/-/wikis/home>
  - 2) LEOS <https://code.europa.eu/leos>
  - 3) eDelivery <https://code.europa.eu/edelivery>
  - 4) eSignature DSS <https://code.europa.eu/esignature-dss>
  - 5) ECB Graphs <https://code.europa.eu/european-central-bank/economics/ecbgraphs>
  - 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



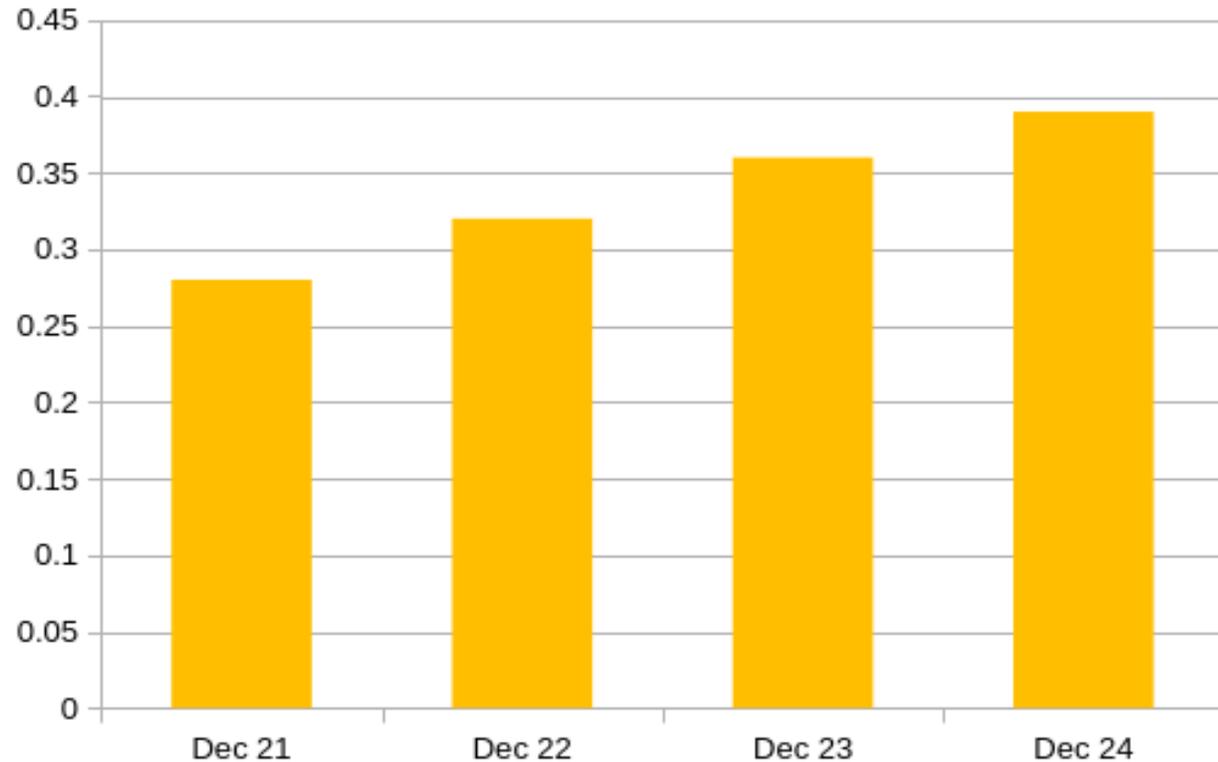
- Dedicated Drupal teams: **100+ Drupal consultants at EC including European agencies**
- **90 People in Drupal.org**
- **Developers, BAs and Designers, Devops, Support teams**

# Inner Sourcing



# We share more code internally

## Ratio of close/open internal software repositories

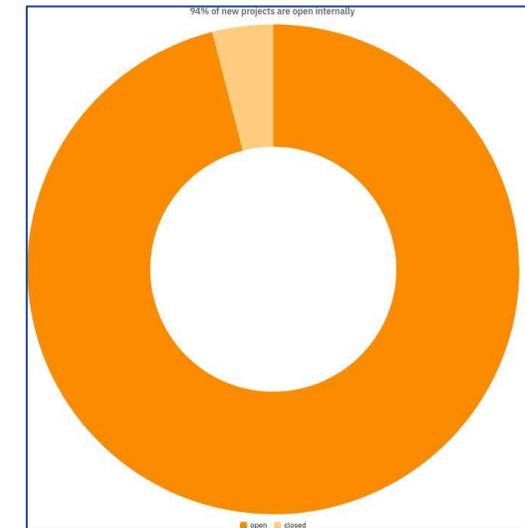


## Achievements

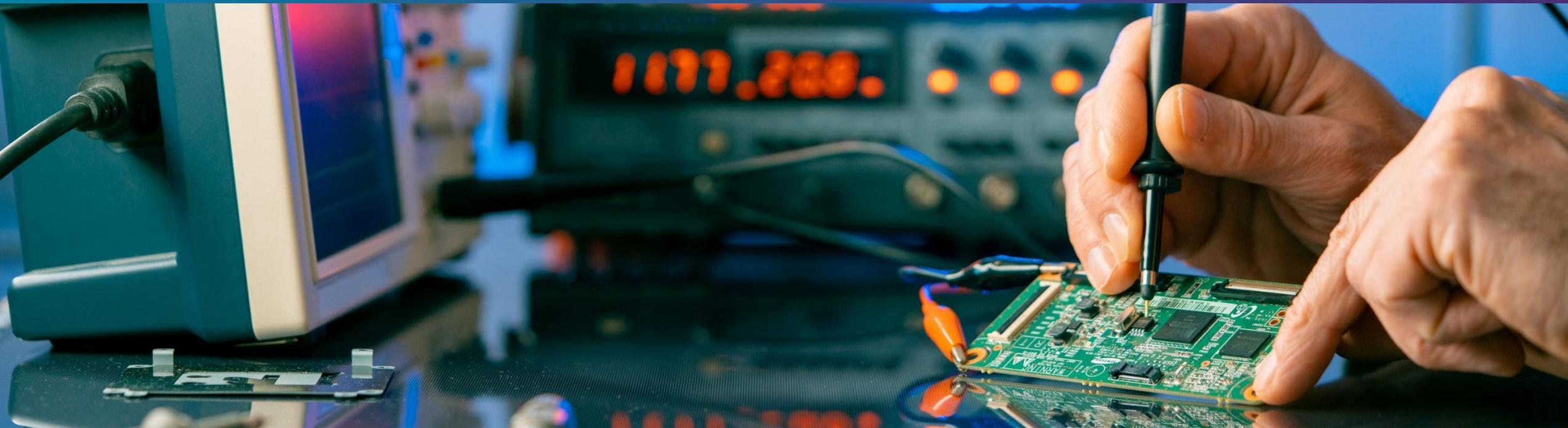
- More than 30% of internal repositories open (3x increase compared to 2021)

## Objectives for the years to come

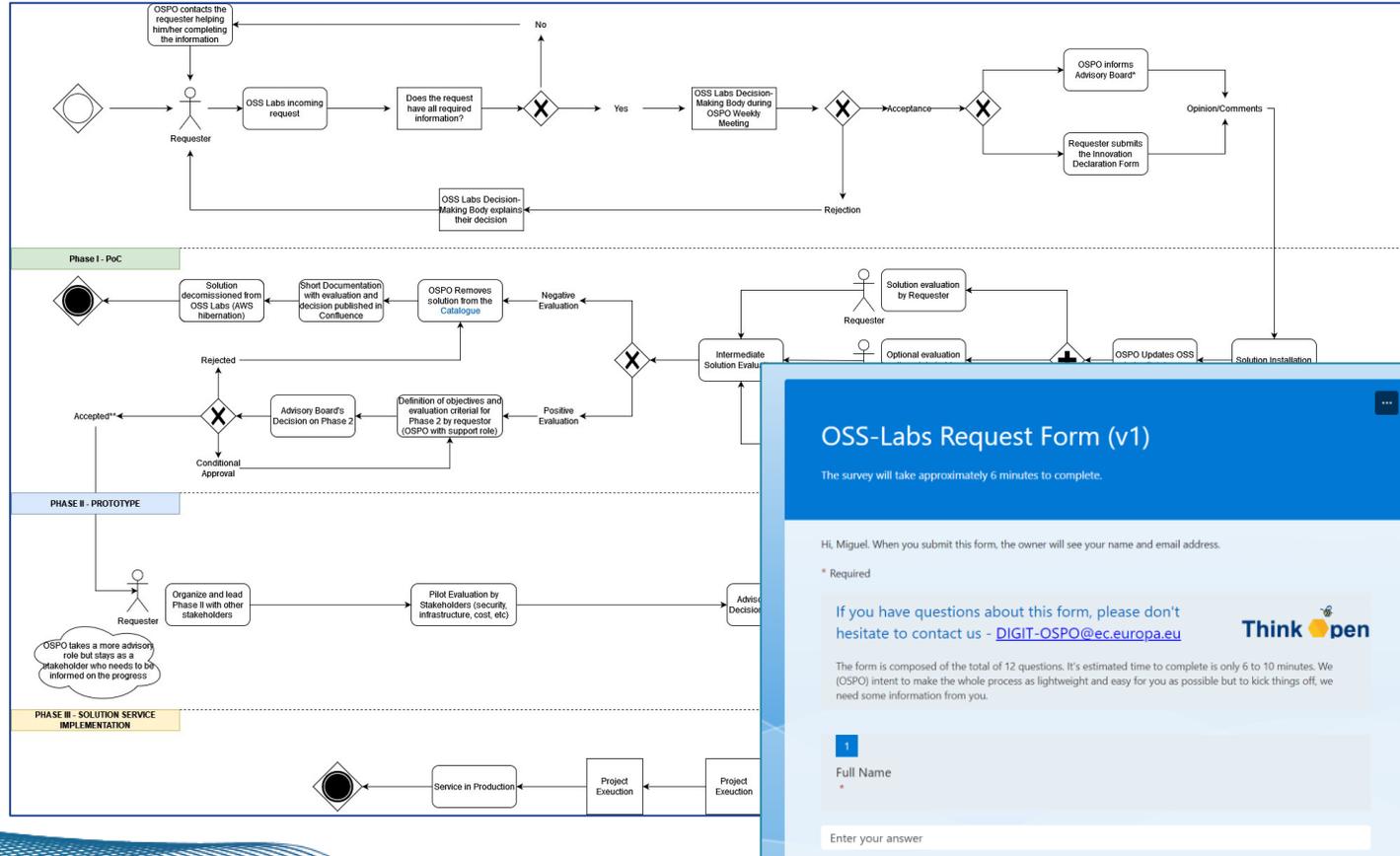
- Continue monitoring projects for inner sourcing
- Increase 5% every year until we get to 90%



# 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

OSS-Labs Request Form (v1)  
The survey will take approximately 6 minutes to complete.

Hi, Miguel. When you submit this form, the owner will see your name and email address.

\* Required

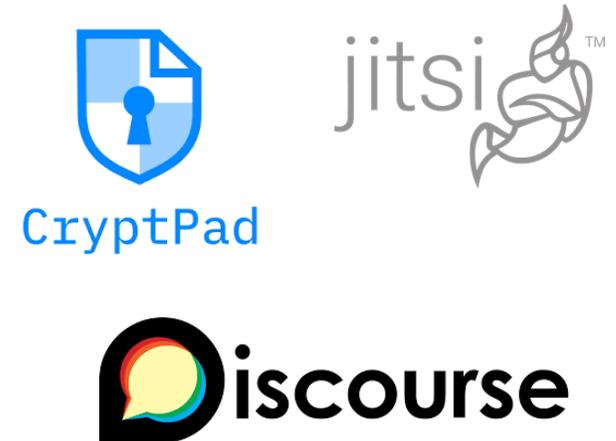
If you have questions about this form, please don't hesitate to contact us - [DIGIT-OSPO@ec.europa.eu](mailto:DIGIT-OSPO@ec.europa.eu) **Think open**

The form is composed of the total of 12 questions. It's estimated time to complete is only 6 to 10 minutes. We (OSPO) intent to make the whole process as lightweight and easy for you as possible but to kick things off, we need some information from you.

1 Full Name \*

Enter your answer

[Link to the request form](#)

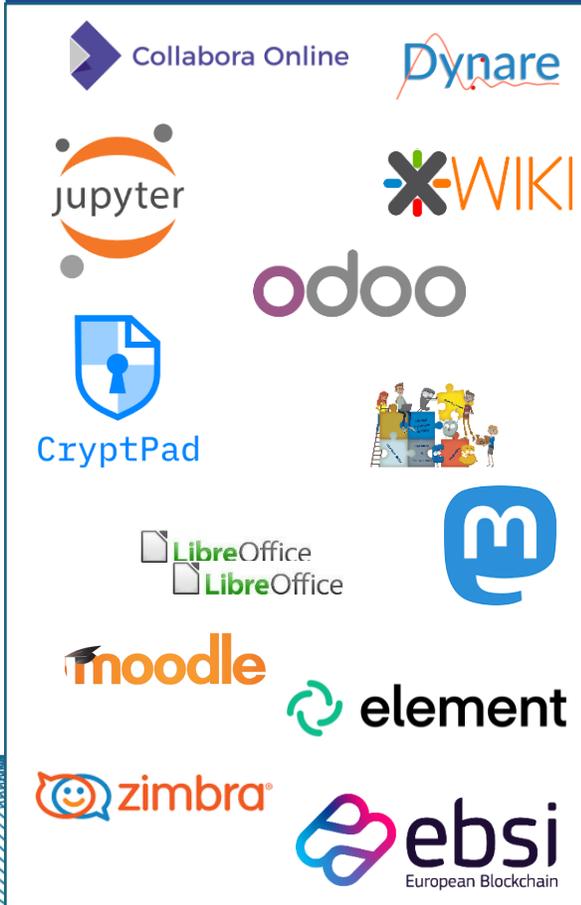


# Outreach



# Commission present in open source ecosystem

## Bug Bounties



## Hackathons



## Initiatives



# Integrate open source in IT Governance



# Open source present in our IT governance

## Openness and transparency

<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?>

operations. The platform will not store any sensitive data.

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



(CO<sub>2</sub>) emissions certification  
ons from trucks, buses,

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	
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# European Open Source Solutions Catalogue

The screenshot shows the top navigation bar with 'interoperable europe' and links for 'Policy', 'Solutions', and 'Support Centre'. Below is the title 'EU Open Source Solutions Catalogue' and a subtitle 'Solutions created by and for European Public Services'. A search bar is present. The main content area features a large heading 'Discover our European Open Source Software' and three key features: 'Repository of the Open Source Solutions of European Public Administrations', 'Centralized platform for Open Source Solutions for diverse domains', and 'Open Source Software collaboration, creating new 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

- Avoinkoodi.fi (1) *i*
- Awesome CodeGouvFr (18) *i*
- Code Europa EU (13) *i*
- Developer Overheid (35) *i*
- Developers Italia (435) *i*

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>



# 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](https://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!

[DIGIT-OSPO@ec.europa.eu](mailto:DIGIT-OSPO@ec.europa.eu)



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