





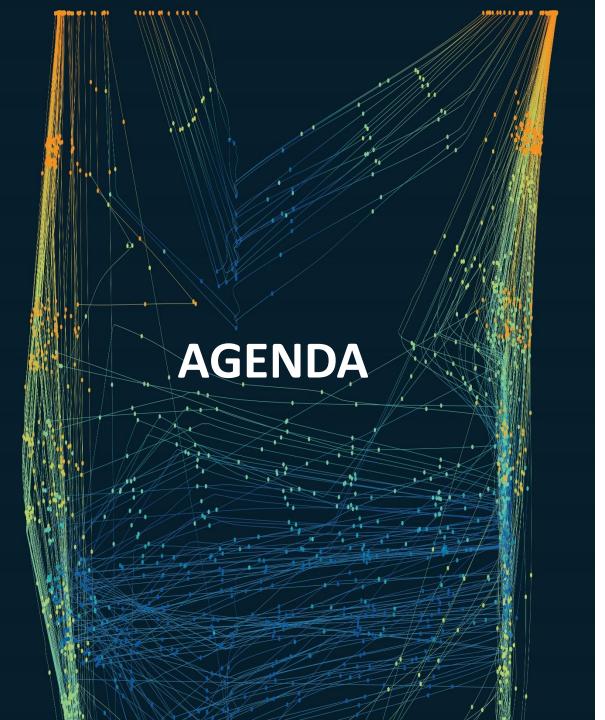
Webinar on OSPOs

Let's explore the role of Open Source Programme

Offices (OSPOs) in transforming public services with

open source.





OSOR presentation

1

2

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5

Presentation of the report on OSPOs

"Public Sector Open Source Program Offices - Archetypes for how to Grow (Common) Institutional Capabilities" Johan Linåker

OSPOs in action

- EC OSPO, by Miguel Diez Blanco
- MinBZK OSPO, by Boris van Hoytema
- CURIOSS, by Clare Dillon

Panel discussion

Johan Linåker, Miguel Diez Blanco, Boris van Hoytema, Clare Dillon

Closing and conclusions



What is OSOR



OSOR

The Commission Open Source Observatory



Free / Open Source Software News Articles on developments in the use of Open Source in public administrations and monthly OSOR newsletter



Community Events

OSOR community meets in workshops and events to exchange experiences, discuss common challenges, or share success stories

https://joinup.ec.europa.eu/collection/open-sourceobservatory-osor

Knowledge Centre

Reports, guidelines, research papers, case studies, and repositories useful for public administrations and for all users of FOSS

OSOR latest milestones

OSOR Awards, Open Source in public administrations Handbook, Study on the Progress and trends in the national open source policies and legal frameworks



Presentation of the OSPO report



Johan LINÅKER

Senior Researcher at RISE





Public Sector Open Source Program Offices Archetypes for how to Grow (Common) Institutional Capabilities

Johan Linåker (RISE)



Defining OSPOs

OSPO = Open Source Programme Office



TODO Group

"Centre of competency for an organisation's open source operations and structure"



OpenForum Europe

"An institutional organisational construct that supports and accelerates the consumption, creation, and application of open source software"



OSPO Alliance

"A cross-functional team to help define and steer an organisation's open source management strategy and organisational readiness"



RI. SE

Typical Challenges

KNOWLEDGE

Limited knowledge on what open source implies and how to consider it in established processes (e.g., public procurement)

CULTURE

Limited culture of sharing knowledge and intellectual property, as well as collaborating and communicating, both in public sector and open environments

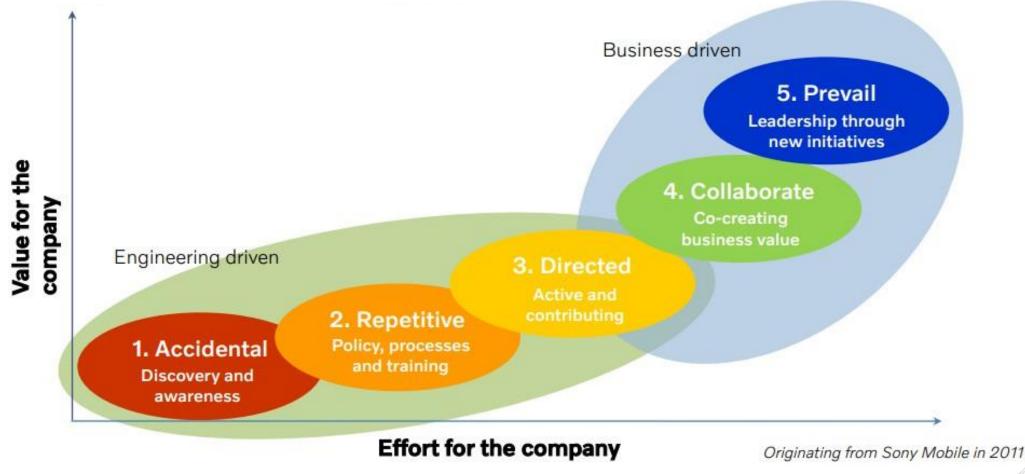
RESOURCES

European Commission

No or limited resources in terms of funding, nor human resources to enable consideration,

development, or collaboration on open source

Helps to mature the organisational readyness







How are OSPOs organised and structured in public sector organisations?







Different archetypes available based on need and context





interoperable europe

National Government OSPOs

Hosting organisation

National administrations or ministries responsible for digital transformation and government (in general or for specific domains)

Primary goal

Build and scale capacity in national public sector in adopting and collaborating on OSS

Free Software Unit at the French Interministerial Digital Directorate

(Direction interministérielle du numérique - DINUM)



Developers Italia at the Department for Digital Transformation (Dipartimento per la Trasformazione Digitale)



Centre for Digital Sovereignty (Zentrum Digitale Souveränität)



Luxembourg House of Cybersecurity OSPO at the Ministry of the Economy *(Ministère de l'Économie)*







Spencer Davis | https://unsplash.com/fr/photos/veduta-aerea-del-colosseo-a-roma-italiakotRXopwRM

Case study: Italy

\bigtriangleup	
Ⅲ	
<u> </u>	

Law mandating public administrations to consider using OSS when procuring software solutions



Developers Italia, founded in 2017 and jointly managed by the Department for Digital Transformation and the Agency for Digital Italy



Educates and supports **development and growth** of processes, knowledge, and culture



Guides, catalogues, and interactive **support** provided for users in terms of finding, choosing, and collaborating on open source



Developer **community** spanning public and private sectors, academia, and civil society supporting efforts



interoperable europe

Institution-centric OSPOs

Hosting organisation

Internal departments responsible for IT service provisioning to the overarching institution

Primary goal

Build and scale capacity inside the institution in adopting and collaborating on OSS

European Commission OSPO at DG DIGIT (Directorate-General for Digital Services)



IT Department at the French Public Employment Service (Pôle Emploi)



Bureau Open Source Software at CTO's Office of Dutch Tax and Customs Administration (Belastingdienst)







Case study: European **Commission's OSPO**

 (\bigcirc) Resides within the Directorate-General for Digital Services





- Liaison between the EC's departments and external actors on
- **OSS** matters



External outreach and collaboration through European OSPO network



Promotes consumption and contribution through relaxed yet controlled processes for compliance and security



Guillaume Périgois | https://unsplash.com/photos/blue-flag-on-pole-near-building-during daytime-HL4LElyGEYU

intercerable europe

Local Government OSPOs

Hosting organisation

Departments responsible for IT service provisioning within local government (including municipalities, cities, and regions).

Primary goal

Enable adopting and collaborating on OSS in the digital transformation of the local government



IT Department at City of Paris, France



Department for Digital Services and Innovation at City of Bratislava, Slovakia



Digital Centre at City of Ventspils, Latvia







Martin Katler | https://unsplash.com/photos/aerial-photography-of-buildings-6PwyzRpf13w

Case study: City of Bratislava

- Part of the Department for Digital Services and Innovation, headed by the City's Chief Innovation Officer since 2019
- OSS highlighted through Digital Innovation policy and Bratislava 2030 policy



OSS **preferred** within the Department, but strong business case needed for other parts



Develops, maintains, and provides **OSS-based services**, including the City's e-service platform



Works actively with **stakeholders** and uses **metrics** to improve and guide development



interoperable europe

Association-based OSPOs

Hosting organisation

Associations with PSOs as members or owners

Primary goal

Enable members to initiate and collaborate on OSS projects addressing common needs

OS2 – Public Digitalisation Network, Denmark (OS2 – Offentligt digitaliseringsfællesskab)



Dutch Association of Municipalities, The Netherlands (VNG - Vereniging van Nederlandse Gemeenten)



Open Cities, Czech Republic *(Otevřená města)*







Case study: Open Cities

- ₿
- A Czech non-profit gathering 20+ cities in the Czech republic to support their digitalisation
- ⁶
 - Receives and hosts OSS projects initiated by public entities. Facilitates joint requirements engineering and planning, and performs the main development of the projects



Currently hosts six projects, including Cityvizor - an open source tool for transparent municipal management



- Collaborates with civic tech and hacker communities
- ₽
 - Actively engaged and driving efforts in creating a Czech national OSPO, and driving the European transformation through the Brno declaration



Martin Krchnacek | https://unsplash.com/fr/photos/ponte-di-cemento-grigio-vicino-agli-edifici-OyoaCpMCR0U

interoperable europe

Academic OSPOs

Hosting organisation

Institutions for higher education and scientific research

Primary goal

Provide support for development and dissemination of research outputs as OSS Technology Transfer Office at Trinity College Dublin, Ireland



OSPO at Lero - the Science Foundation Ireland Research Centre for Software, Ireland







Case study: Lero



Constituted by an internal community of subject matter experts



Supports and trains **researchers** in how to develop, collaborate and disseminate software-based researchoutputs as open source



Considers open source as an instrument for **open science**, with a broadening interest for other areas within



Ambition of extending the OSPO and open source as an instrument to the Technology Transfer Office, similar as to Trinity College Dublin

•	×'	

Rapid growth of Academic OSPOs in the USA



Joshua Hoehne | https://unsplash.com/fr/photos/cappello-accademico-blu-e-biancoigg/WDxHTAUQ

interoperable europe

Complementary support functions

Hosting organisation

Organisations independent of ownership or membership of any PSO, for example within the civil society

Primary goal

Build and scale capacity in national public sector in adopting and collaborating on OSS









Case study: Code for Romania



- National civic tech **non-profit** launched in 2016 with about 25 individuals on staff
- Aims is to equip civil society and PSOs with OSS tools and solutions to better public services. Prioritises 37 areas identified as critical
- ð
- Provides about **50 different applications** across areas such as education, citizen engagement, health care, environment, and social services



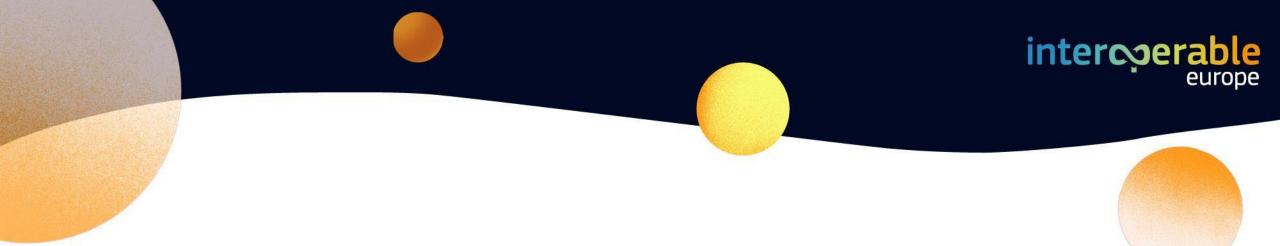
All applications are maintained and offered as **hosted services** primarily for PSOs within Romania



Structured process for initiating, developing, and hosting services, with research and close stakeholder **collaboration**



Nicole Baster | https://unsplash.com/fr/photos/arco-di-trionfo-jpKHStpvT1E



Which archetype to choose?







There is a need for growing common institutional capabilities





Growing stronger... Together

RI. SE Those more capable fill an important role in leading OSS initiatives and adoption

There is a will and need to support each other in the collective adoption of OSS Association-based OSPOs enable less capable PSOs, especially at the local government level, to collaborate and initiate OSS solutions by addressing common needs

Civil society specifically fills a gap in enabling the use of OSS and in helping to organise PSOs



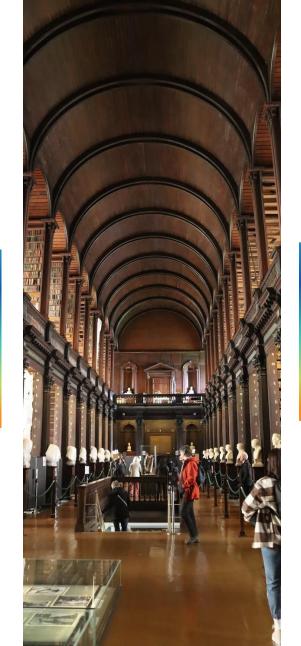
Bridging and growing common communities







Public sector

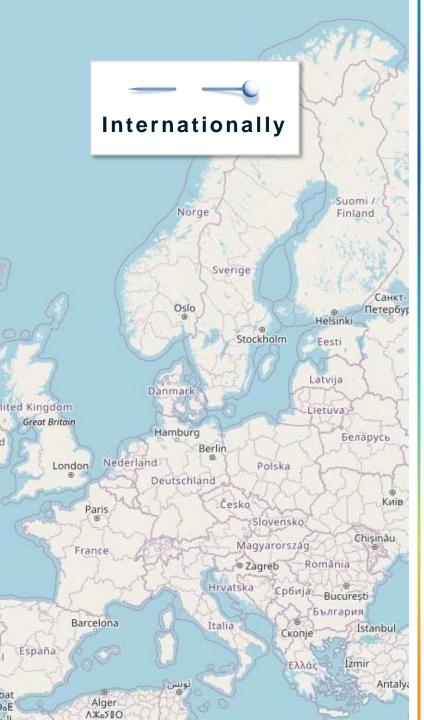


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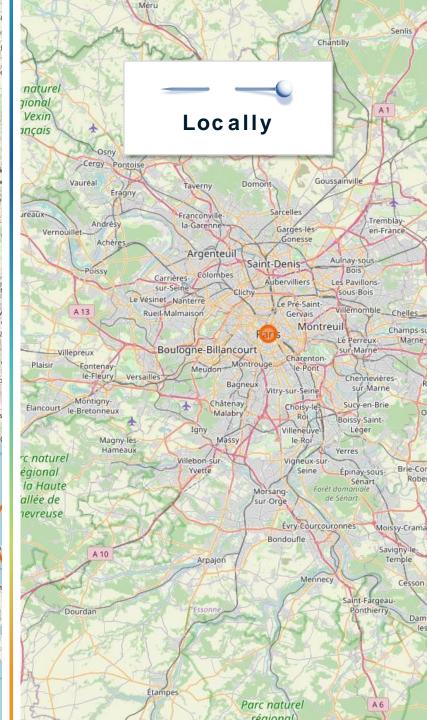
Civil Society



Industry European Commission







intercoerable europe

Looking forward



The OSPO constitutes a change agent and policy enabler



OSPOs will continue to play a pivotal role going forward



Helps enable a more digitally sovereign, interoperable, and innovative society



"Open Source" will expand beyond code and software towards open technologies in society at large





Thank you!



Do you have any questions?



OSPOs in action

3





Speakers



Miguel DIEZ BLANCO

Team Lead – Interoperability Enablers and Open Source



Boris VAN HOYTEMA

Kwartiermaker MinBZK OSPO



Clare DILLON

CURIOSS Community Lead & PhD Researcher



Miguel DIEZ BLANCO

Discover the EC OSPO







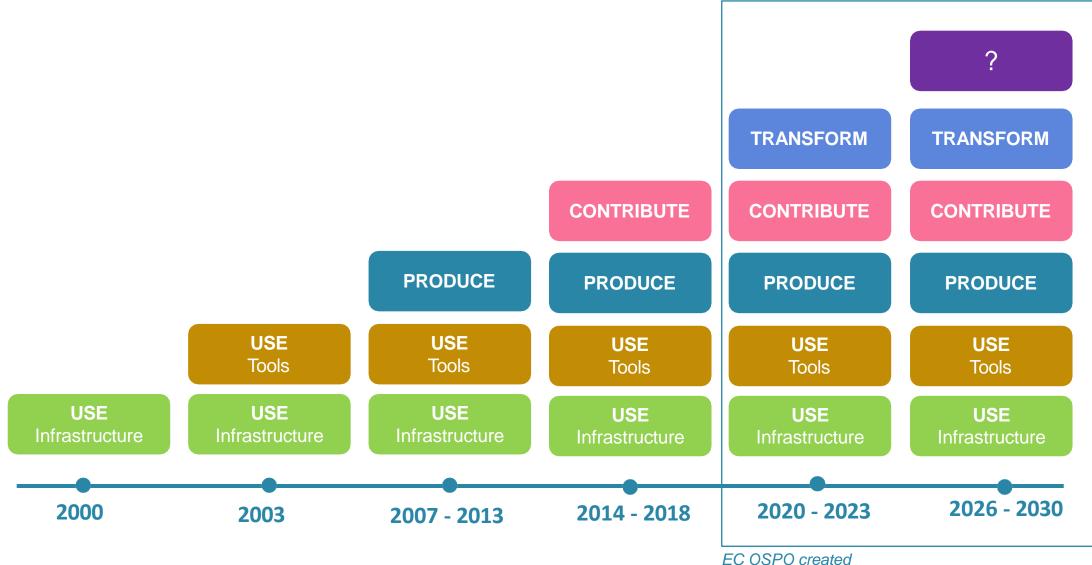


Open source at the European Commission

OSOR Webinar 22 May 2025

Miguel Diez Blanco – EC OSPO

Commission open source journey



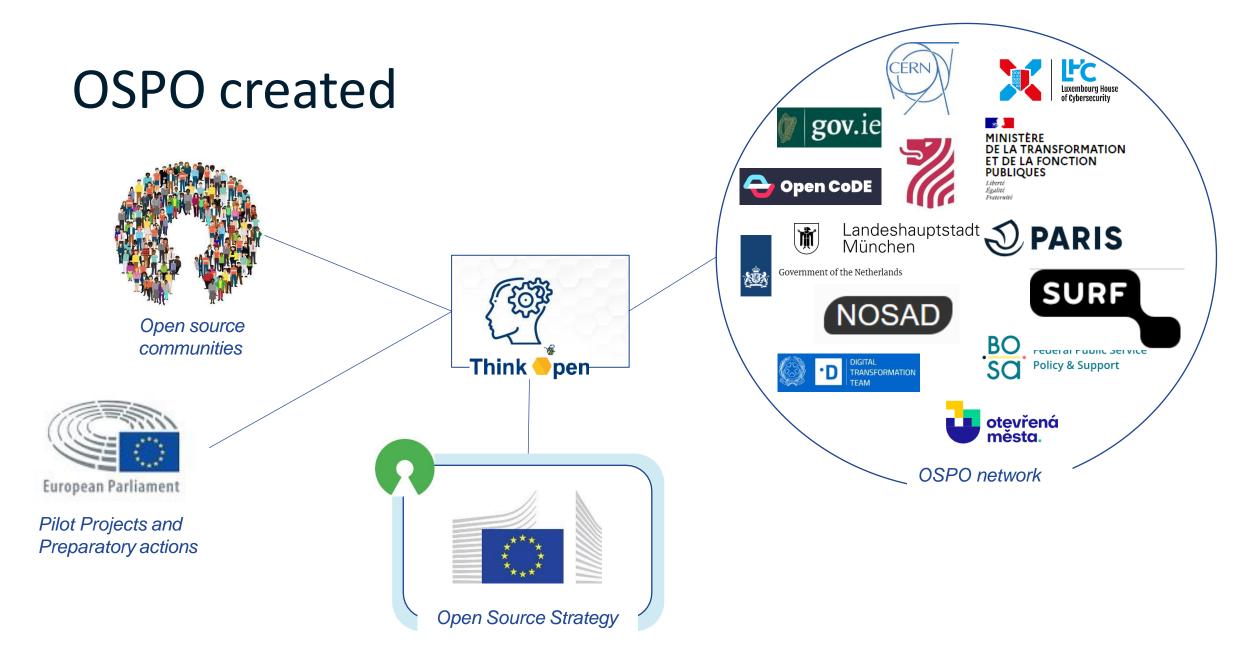
Action Plan

	Action		
1	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		











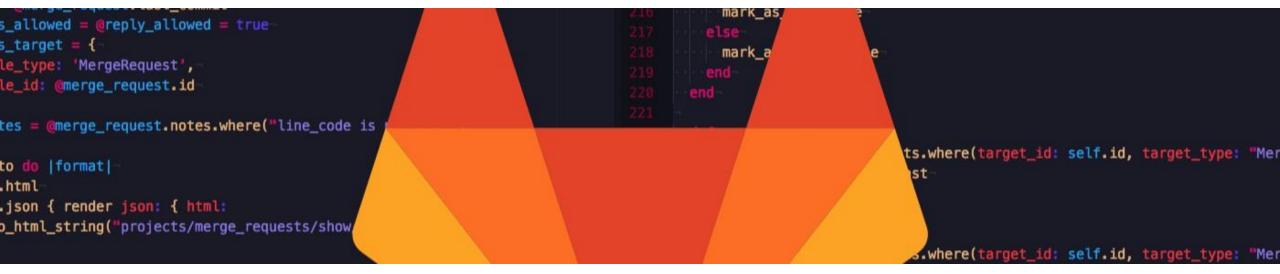




We can publish our code faster

European Commission		🗊 English		Search		
Home > Transparency > Register of Co	mmission Documents > Search > (C(2021)8759				Time needed to get approval
Register of Comm	ts	Before decision		for publishing the code as open source		
Here you can find various types communications, delegated and minutes of meetings held by the	implementing acts and othe	er Commission decisions, ag		After decision		
PAGE CONTENTS Document details Download document	COMMISSION Commission s		open source licensing	and reuse of		
More information about the document	Document type	Decision	Article 9			
	Reference Date	C(2021)8759 08/12/2021	Contributions to e	xternal open sou	rce projects	
	Responsible service	Joint Research Centre	Joint Research Centre Commission services shall be allowed to take part in and contribute to external open source			
	Download doc	ument	projects deemed t Union or of one of	o be in the intere	sts of the	

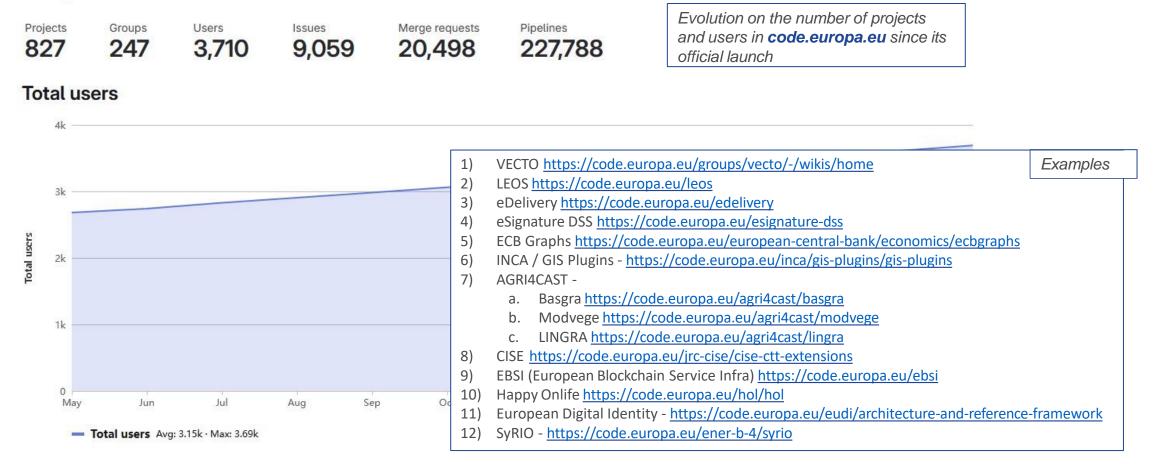




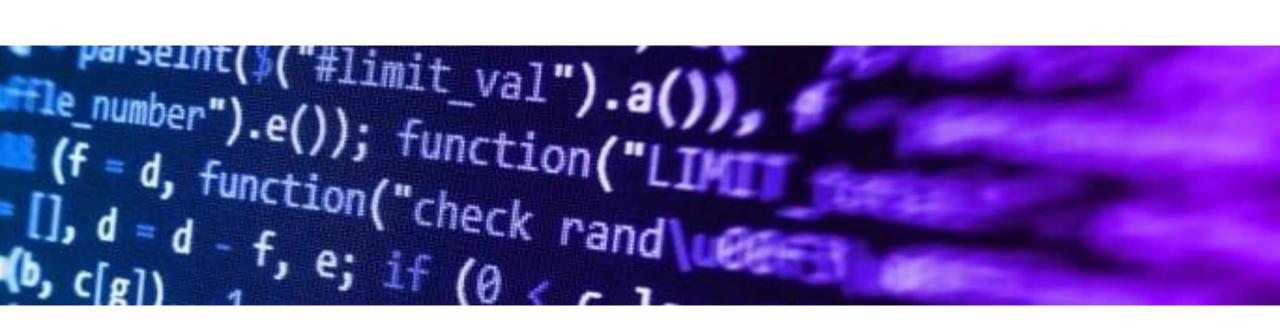


We share more code externally

Usage trends

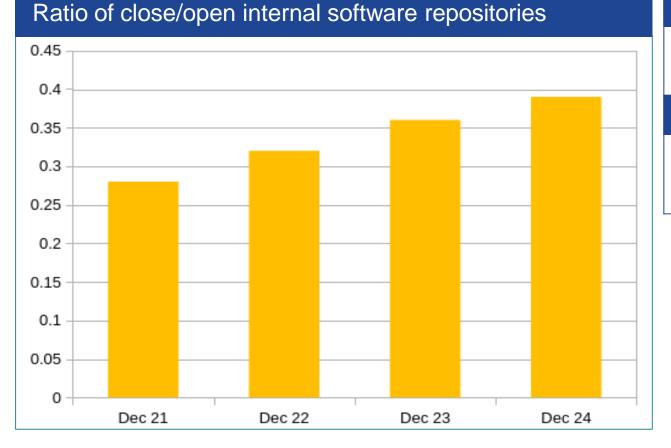








We share more code internally

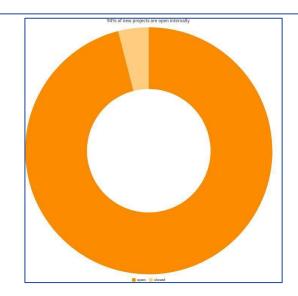


Achievements

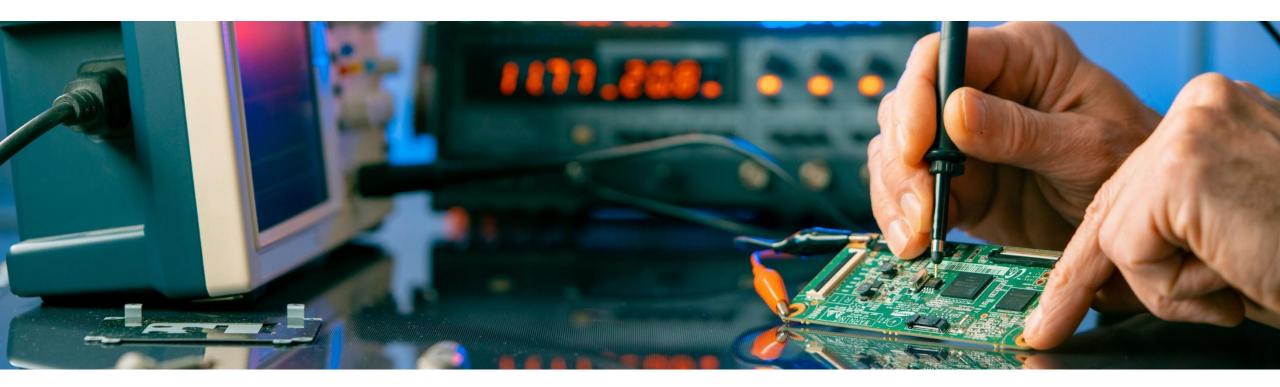
More than 30% of internal repositories open (3x increase compared to 2021)

Objectives for the years to come

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

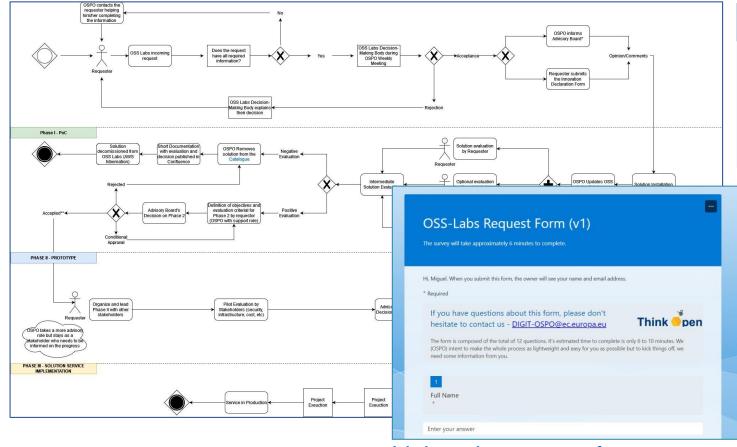








We have a framework to test open source



Link to the request form

Achievements

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



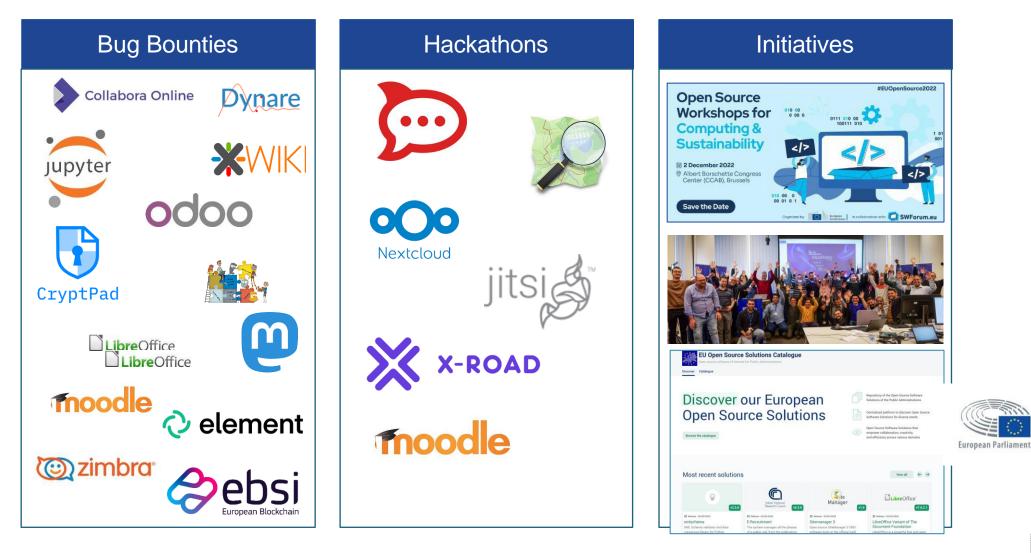




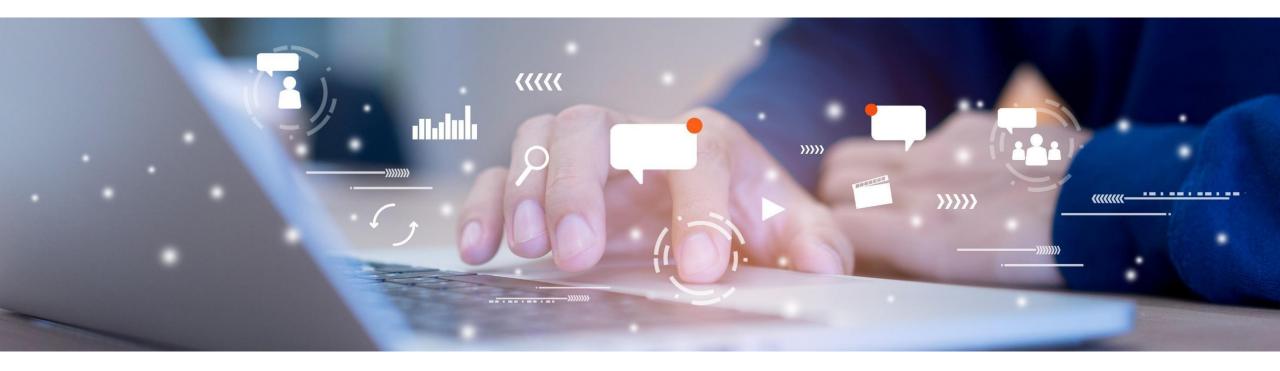




Commission present in open source ecosystem









Open source present in our IT governance

Openness and transparency <how be="" designed="" ensure="" solution="" that="" the="" the<br="" to="" will="">data can be shared with other IT systems or made open to the public, <u>e.g.</u> published on the Open Data</how>	The solution itself will be designed and impleme open access policy Commission and therefo	ented to support the of the European ore will only host open		
Portal or using open-source standards? Will the solution increase transparency of information to other		^ Stakeholders GOV		
stakeholders?>	(CO₂) emissions certification ons from trucks, buses,	Primary Owner - DG Primary Provider - DG Secondary Provider(s) - DG	CLIMA JRC DIGIT	
		^ Infrastructure		
PROJECT MANAGEMENT METHODOLOGY		Hosting Mode	DIGIT	<u> </u>
		Open Source Related Practices	Use open source components/infrastructure Contribute with fixes/improvements to open	
		^ Security		

European Open Source Solutions Catalogue

interoperable	Policy Solutions Support C	SOURCE CA	ATALOGUES		Features			
EU Open Source Solutions Catalogue Solutions created by and for European Public Services			oodi.fi (1) 👔		Implements publiccode.yml data standard			
Welcome Search	- Describer of the C		me CodeGouvFr (18) 🕧		 Fetches data from national catalogues 			
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Source Softwar	e Open Source Softw collaboration, creat domains		oer Overheid (35) 🕧					
Browse the catalogue			pers Italia (435) 👔					
Most recent solutions			Show more N	- [Developers			
i it	ign 高い ABC		CopenCity ITALIA Servizi digitali		Developer Portal Eén plek voor developers die voor of met de overheid ontwikkelen			
I am the app of public services A com	prehensive library of components We	via to app to simplify data science irronment setup on Kubernetes	3.13.0-re.5 OpenCity Italia - La Stanza del Cittadino Personal area, digital services and appointment booking. Also available in Saa		Code.europa.eu Mission logiciels libres https://code.gouv.fr >			
					🔶 Open CoDE			



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!

DIGIT-OSPO@ec.europa.eu

Follow us on the Fediverse: <u>@ec_ospo@ec.social.network.europa.eu</u>



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Boris VAN HOYTEMA

Discover the MinBZK OSPO









Opensourcewerken

De vrijblijvendheid voorbij



opensource @Min**BZK**.nl OSOR OSPO webinar 20 may 2025

Boris van Hoytema

17 april 2020

Beleidsbrief vrijgeven van de broncode van overheidssoftwar

derlandse Digitaliseringsstrategie wil het kathinet des intermetie oorzieningen en nieuwe technieken voor liedereen aantaanse eter investeert het kabinet in innovatie en eensemmente inter

n de markt.² Het vrijgeven van die brohming wat en

doelen een belangrijke piperinge worken

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and any other states

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Open source at BZK/VRO

783 repo's

— oss.developer.overheid.nl/repositories

opensource@minBZK.nl 20 may 2025 Developer Overheid Ontwikkelen voor de overheid doen we samen

Home API's Repository's API Design Rules Statistieken Over

Open source repository's

Overzicht van open source projecten van (semi-)overheidsorganisaties, of die hun API's gebruiken.

Vind repository's

Q Voer een zoekterm in

Organisatie

293 repository's

W/

樾

 Binnenlandse Zaken en Koninkrijksrelaties (55)
 Centraal Justitieel Incassobureau (26)

Dienst ICT Uitvoering (8)

 Dienst voor het kadaster en de openbare registers (99)

Directeur-generaal van de Statistiek (5)

Gemeente Amsterdam (314)

Gemeente Haarlem (7)
Gemeente Nijmegen (37)

Gemeente 's-Hertogenbosch (8)

Gemeente Súdwest-Fryslân (7)

Justitie en Veiligheid (15)

Koninklijk Nederlands Meteorologisch Instituut (58)

Logius (139)

Provincie Noord-Holland (10)
Provincie Zuid-Holland (20)
Rijksinstituut voor

Volksgezondheid en Milieu (32)

Rijkswaterstaat (5)
Stichting Geonovum (194)

Stichting ICTU (90)

Tweede Kamer der Staten-

Generaal (1) Vereniging van Nederlandse Gemeenten (231)

Volksgezondheid, Welzijn en Sport (70)

Technologie

ActionScript ↔
 AGS-Script ↔
 AGS-Script ↔
 ANTLR ↔
 API-Blueprint ↔
 Assembly ↔

● Rust 0☆0₽2⊙113 ③2uur geleden bijgewerkt

digilab.overheid.nl / research / event-sourcing / **backend** Binnenlandse Zaken en Koninkrijksrelaties

Geen beschrijving ingevuld ● Rust 0☆0₽5⊙011 ⊙3 uur geleden bijgewerkt

Logius-standaarden / Digikoppeling-Algemeen



Binnenlandse Zaken en Koninkrijksrelaties

 Geen beschrijving ingevuld

 ● Gherkin
 2 1 2 2 2 0 0 6 11
 3 uur geleden bijgewerkt

Logius-standaarden / API-Design-Rules

API Designrules (normative standard for the design of APIs for the Dutch Public Sector) logius standaarden adr api ● HTML 9☆ 6₽ 0⊙ 511 ⊙34 uur geleden bigewerkt

Logius-standaarden / publicatie



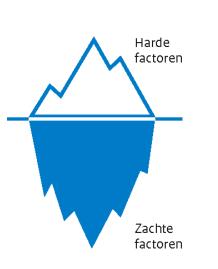
- > Components
- > Connectors
- > Software
- > Standards
- > Reference implementations
- > Experiments
- > Policies

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- > Be an example, enable others
- > Use open source working for strategic goals
- <u>Rapport Opensourcewerken de</u> <u>vrijblijvendheid voorbij</u>

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Opensource strategy

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20 may 2025

- > Hard factors
 - An OSPO
 - Policies
 - Agreements
 - Roles
 - Monitoring
- Soft factors
 - Stories
 - Culture
 - Communications
 - Innovation
 - Training

— <u>Rapport Opensourcewerken de</u> <u>vrijblijvendheid voorbij</u> Het uitgangspunt van het afwegingskader is 'oper uitzonderingsgronden. Het afwegingskader is van Het moment waarop het afwegingskader wordt in genee, verschilt. Bij nieuwe als bestaande software. Afwegingskader integraal meegenomen in de besluitvorming en de vormgeving van het project. In geval van bestaande software is een proces van beoordeling en prioritering over het gehele applicatielandschap nodig. In hoofdstuk 4 gaan we nader op deze aspecten in.

In onderstaande figuur zijn deze vijf stappen weergegeven:



- 1. **Bepalen toepassing.** De wijze waarop het werken met open source invulling krijgt, wordt voor een belangrijk deel bepaald door de toepassing in kwestie.
- 2. **Uitzonderingsgronden.** De 'open, tenzij' is gelegen in de uitzonderingsgronden die ook in de Wet open overheid (Woo) zijn vastgelegd.
- Bepalen opensourcevariant. Vervolgens is het van belang vast te stellen welke opensourcebenadering voor de software in kwestie het meest passend is. Bijvoorbeeld betrokkenheid van de

Decision making framework for open source

- arranizatio indericht to tiin am doad mat anan course to kunnan warken

Afwegingskader open source

de eerste stap is.



In de hiernavolgende paragrafen lichten we deze stappen nader toe. We hebben het kader toegepast op

Beleidsprioriteiten Specifiek

- Critical resources
 - > Quantumtechnology
- > Fotonics
 - > Semiconductors
 - > Network technology
 - > Open Source Software
- 🗅 > Cloud
- Ai > AI

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Сů Ш

- > Cybersecurity
 - > Office software

opens 20 ma, ____



Agenda Digitale Open Strategische Autonomie

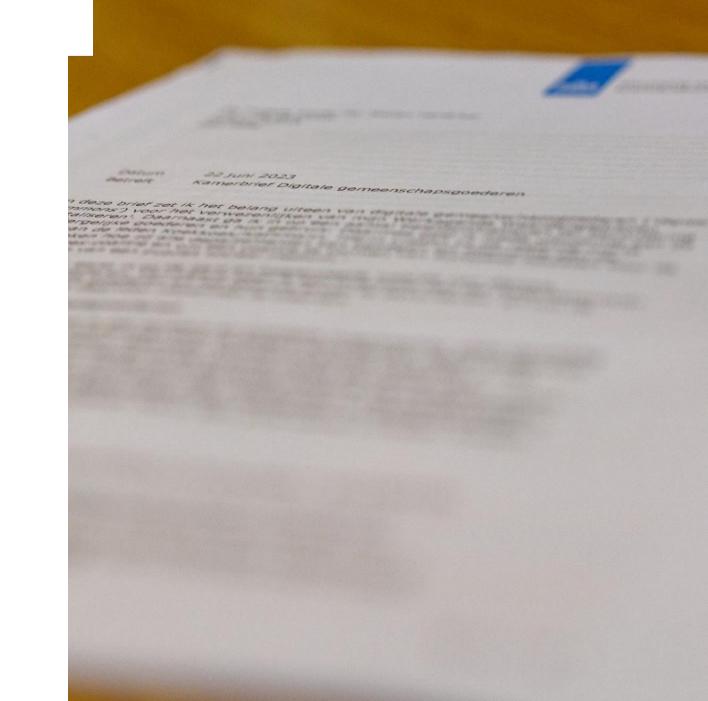
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OSPO BZK/VRO



Communication (Kamerbrief) Digital commons

- "The goal of the OSPO is to remove internal barriers to and impediments around open source.
- Next to that collaboration will be sought with other OSPO's, public administrations, companies and developers."



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Who is in the OSPO

- > OSPO is part of the CTO-cluster
- > The kwartiermaker is the coordinator of the OSPO
- > Small tech team
- > Looking to expand
- > Network

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Service

Fixer

Kwartiermaker



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20 may 2025

Guarding policy and quality

Supporting, connecting and facilitating

Training and enthusing



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20 may 2025

What this means on a day to day basis

 Supporting open source use, development and contributions

- Central point of contact and advice for all things open source
- Identifing and mitigating risks around open source
- Institutionalise and represent open source
- Responsibility for the open source policy
- Monitoring open source use, quality and adoption
- Publicationplaces and tools
- Maintaining contact with governments, vendors and developers



Leadership-top on open source

For public administrations and the education sector



Bus to OSOR event

With 40 colleagues to Brussels

Contact

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Events

Opensourcewerken: veilig, efficiënt en transparant

→ Lees meer over de basis van open source



Artikelen: blogs, nieuws en meer





Log in Registreer

х





Vacatures

open source	Q Zoeken	▼ Filter vacatures (1)	
Vacature			
Er zijn 1.471 zoekresultaten voor jou gevonden	Sorteer	op: Plaatsingsdatum 🗸	
Vacature	Plaatsings	Plaatsingsdatum: 23 november 2024	
Linux beheerder Nederlands Forensisch Instituut			



3



opensource@minBZK.n 20 may 2025



Boris van Hoytema Kwartiermaker

Open source programme office

opensource
@MinBZK.nl

Boris.Hoytema@MinBZK.nl

Clare DILLON

Discover CURIOSS and the academic OSPOs







Academic OSPOs What are they & Why we need them!

Clare Dillon

clare@curioss.org www.linkedin.com/in/claredillon/



2 CURIOSS

OSPO Overview

What is an Open Source Program Office?

66



"center of competency for an organization's open source operations and structure" "a cross-functional team to help define and steer an organization's open source management strategy and organizational readiness"



"an institutional organizational construct that supports and accelerates the consumption, creation, and application of Open Source software"

– OpenForum Europe

- TODO Group

– OSPO Alliance

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Academic OSPOs

	Open Source Excellence	 Open Source License Guidance 	 Open Source Best Practices in university context
Control	Research Impact	 Working with Technology Transfer Offices 	 Working with communities
	Skills & Education	 Supporting open source skills in curricula 	 Student Programs (e.g. internship programs, hackathons)
	Operations & Outreach	 OSPO operations, tools & infrastructure 	 Outreach – internally & to open source ecosystem

2 CURIOSS

Community for University & Research Institute **OS**POs



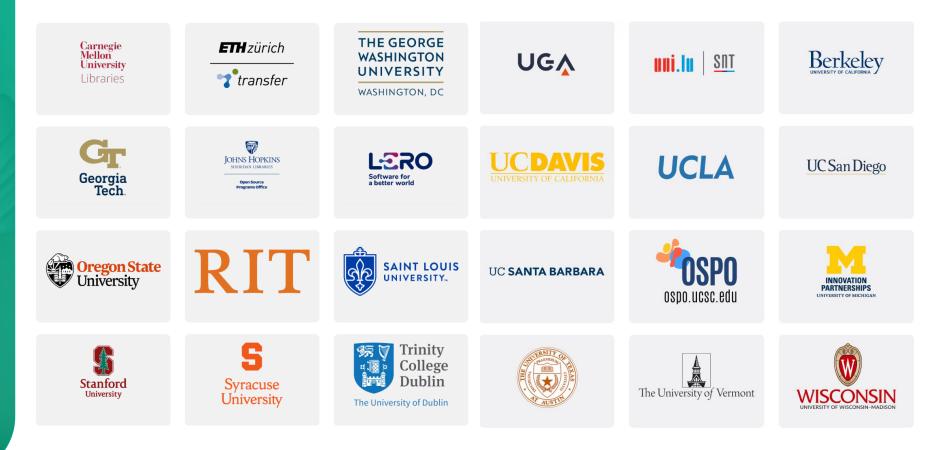
We aim to facilitate the networking and collaboration between OSPO representatives from universities and research institutions worldwide.

CURIOSS was set up in 2023 with the support of a grant from the Alfred P. Sloan Foundation

www.curioss.org

CURIOSS Members

50+ members from 24 institutions



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Academic OSPO Locations

No two OSPOs are the same...

- Library
- Office of Research / Research Centre
- Centre of Excellence
- Central IT
- Comp Sci Department
- Technology Transfer Office

CURIOSS Goals

Dedicated spaces for shared learning & collaboration

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Share, adapt, and co-create relevant resources & tools

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Partner & collaborate with other related organizations & communities

Promote awareness of academic OSPOs



RESOURCES

bit.ly/curioss-resource-list

PATTERNS

bit.ly/curioss-patterns

DEEP DIVES

bit.ly/curioss-deepdives

Academic OSPO Activities



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https://doi.org/10.5281/zenodo.13910683

Thank you! Please connect with me if you would like to learn more



Clare Dillon

clare@curioss.org www.linkedin.com/in/claredillon/





Panel discussion







Johan LINÅKER

Senior Researcher at RISE



Boris VAN HOYTEMA

Kwartiermaker MinBZK OSPO



Miguel DIEZ BLANCO

Team Lead – Interoperability Enablers and Open Source



Clare DILLON

CURIOSS Community Lead & PhD Researcher



1. What are the **key success factors** to set up an OSPO? What advice would you give to public organisation considering setting up an OSPO?



2. Do you measure the impact of your OSPO? If so how



3.

What are your **ambitions for the future** as an OSPO? Considering the current legislative (e.g. Interoperable Europe Act) and geopolitical context, **how do you see the role of OSPOs evolving over the next five years**?



Closing and conclusions

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Thank you



inter erable europe

ovtech ∞ community innovation

Stay in touch



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You Tube

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https://joinup.ec.europa.eu/collection/open-source-observatory-<u>osor</u>