# "The OSPO and You"

#### Axel Naumann, CERN EP-SFT, for the CERN OSPO. 2023-11-29 OSPO Community Workshop



#### OSPO = Open Source Program Office



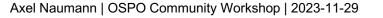
centre of **competency** for an organisation's open-source operations and structure. This can include setting code use, distribution, selection, auditing and other **policies**, as well as **training** developers, ensuring **legal** compliance and **promoting** and building **community engagement** that benefits the organisation strategically

TODO group

## OSPO = Open Source Program Office

- Common in industry, public administration, universities less in science labs
- Traditionally just for software, while CERN's OSPO also for Open-Source hardware

*¡ CERN's OSPO is less traditional !* 



#### OSPO as part of Open Science



© CERN

**Open Data** 

**Open Access** 

**Open Source** 

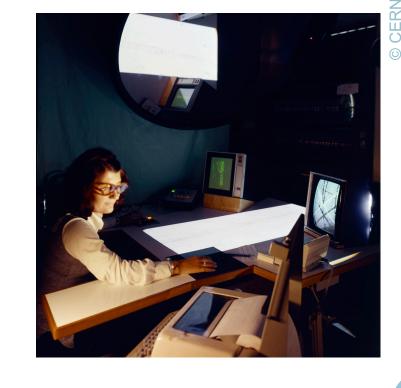
And more - see <u>https://openscience.cern/</u>



#### OSPO as part of Open Science

Open Source seen from a new (Open Science) angle!

Welcoming all motivations for Open Source



5

## Mandate 1/2

CERN OSPO develops and drives consistent organisational **practices** for Open-Source hardware and software.

With its operations the OSPO:

- promotes CERN as **contributor** to Open-Source development;
- asserts CERN as competent and conscious **user** of Open Source;
- enables CERN's due diligence related to Open Source.

#### Mandate 2/2

Entry point to CERN's expertise in Open Source.

**Open and inclusive service**, working internally across departments with and for the entire CERN community, and externally as a visible interface to potential partners and the interested public.

Events, communication, support, training throughout the year.

OSPO team is **integrated into community**; actively searches for and adjusts to feedback and needs from the community.



#### OSPO as Support Body

- To help Open Source at CERN
- $\rightarrow$  Less need for auditing or advocacy
- → But for tools, simplifying "things", documentation of procedures + best practices





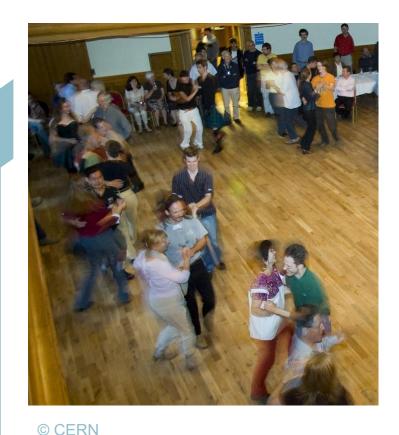
#### OSPO as Support Body

- By the community, for the community
- To provide answers and tools
- With simple, well-defined procedures





#### **OSPO** and Community



OSPO's "clients": CERN staff + experiments' users = CERN community

OSPO members from BE, EP, HSE, IT, KT, RCS-SIS, TE, TH - more to come!

 You should have an OSPO person near you!



#### **OSPO** and Community

OSPO learns about different environments' use / problems with Open Source

But generally, 0.1 FTE per department!





#### Automation, Streamlining

Little FTE means almost everything must be automatic and selfservice:

- Tools, Documentation, Procedures
- Re-use what exists; simple, common recommendations
- Where to put ©, open-source community how-to, what to do to publish Open Source: write down once!

#### OSPO as visible contact point from outside

Conferences participation: CERN as Open-Source lab (recruitment!)

Answer questions + requests coming from outside CERN, create (industry) partnerships

**Open Source catalogue** 





#### OSPO as visible contact point from outside

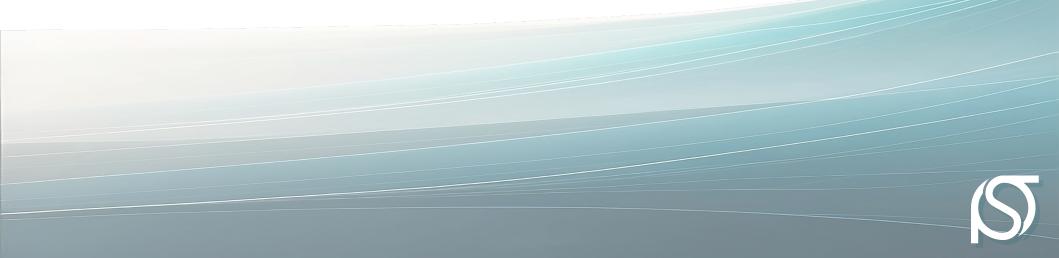
#### Yearly OSPO report:

- Surface CERN contributions to non-CERN open-source projects
- part of member states' open-source ecosystems





OSPO Plan of Work					Tools Metrics Internal			Support Training	
2023	2024				organisation		C	Communication	
Q4	Q1	Q2	Q3		Q4	Q1		Q2	
Inventory		Dependency	process/tool						
		Stakeholder				Annual			
Websites		engagement				report			
Launch									
events				1st b	oirthday				
Membership / other dept.									
	Metrics definition								
		Training prog definition	ramme						
Support								/	
Procedures									



We are all busy writing code (or designing hardware).

We know that the worst thing that can happen to a dev is less time to produce Open Source.

We are trying to help:

- reduce procedural uncertainty
- improve tooling
- provide recommendations
- give Open-Source projects more visibility and a stronger voice at CERN

We have a plan - is that a good plan?

We work for the community:

- Tell us what you need, most urgently!
- What are your problems we should solve?

We start the dialogue here!

https://opensource.cern/ Public-facing website https://ospo.docs.cern.ch/ Documentation (in 2024!)

<u>Open.Source@cern.ch</u> Your OSPO <u>https://ospo.web.cern.ch/</u> Discussion forum



