



National
Open Source
Innovation
Summit

WELCOME!



Mission & Purpose

- Connect the Ecosystem
- Create Awareness / Showcase
- Increase Skills
- Remove Blockers

www.openirelandnetwork.com



Why we are here?

How can Open Source help... Our National Innovation Strategy

Why we are here?

How can Open Source help...

- Innovate Quickly
- Collaborate Better

With Thanks To...

GOLD SPONSORS



COMMUNITY SPONSORS



EVENT PARTNERS



| With Thanks To...

Open Ireland Network



Lessons Learned

Lesson 1:

Open Source is Everywhere...

| Open Source is Everywhere!

- **96%** of the world's software contains open source code
- **96%** of the world's top 1 million servers run on open source software
- **77%** of all code originates from open source software

Sources: Synopsys 2022 Open Source Security and Risk Analysis Report; Linux Foundation Annual Report 2021; Synopsys 2024 Open Source Security and Risk Analysis Report (OSSRA)

4 Freedoms of Open Source

Free to
Run (for
any purpose)



Free to
Share



Free to
Study &
Modify (is
accessible)



Free to
Distribute
Modified
Versions



Why Now?



Frictionless
Code Re-use



Pooled
Resources



Accelerated
Innovation



Shared
Risk



Economic &
Social Impact



Increased
Trust

Open Source AI

[D] Google "We Have No Moat, And Neither Does OpenAI": Leaked Internal Google Document Claims Open Source AI Will Outcompete Google and OpenAI

"DeepSeek has profited from open research and open source, e.g. PyTorch and Llama from Meta," LeCun said in a [LinkedIn post](#). "To people who see the performance of DeepSeek and think: 'China is surpassing the US in AI.' You are reading this wrong. The correct reading is: 'Open source models are surpassing proprietary ones.'"

Sam Altman Says OpenAI Has Been on "The Wrong Side of History" Regarding Open Source



A series of foundation models for transparent AI in Europe

TRULY OPEN

including data, documentation, training and testing code, and evaluation metrics; including community involvement

COMPLIANT

under EU regulations, OpenEuroLLM will provide a series of transparent and performant LLMs

DIVERSE

for European languages and other socially and economically interesting ones, preserving linguistic and cultural diversity

A consortium of **20 leading European research institutions**, companies and EuroHPC centres coordinated by Jan Hajič ([Charles University](#), Czechia) and co-led by Peter Sarlin ([AMD Silo AI](#), Finland) will build a family of performant, multilingual, large language foundation models for commercial, industrial and public services.



Lessons Learned

Lesson 1:

Open Source is Everywhere...

Lessons Learned

Lesson 2:

**... But the answer
is not always
Open Source!**

Lesson 3:

Open Source has Social & Economic Impact

Access and agency builds trust
and opens opportunities for all

European Commission Study on Open Source Impact

- Open source software contributes €65 - €95 billion to the EU's GDP
- +10% OSS contributions would generate +0.4% - +0.6% GDP and 600+ additional ICT start-ups

Lesson 3:

Open Source has Social & Economic Impact

Access and agency builds trust
and opens opportunities for all

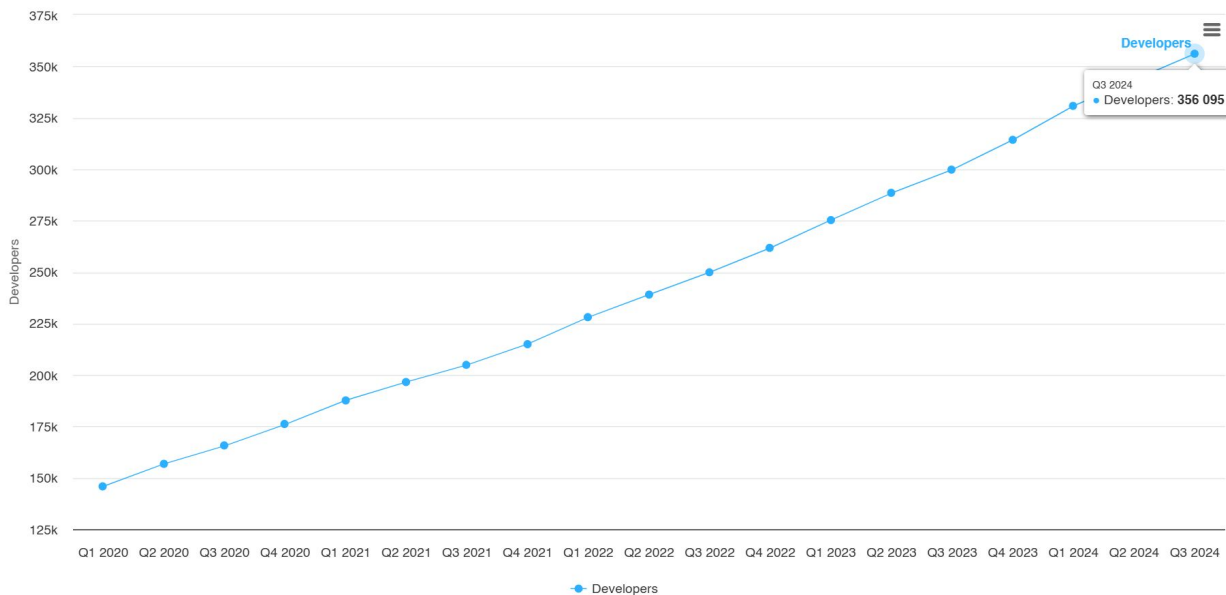
Lesson 4:

Ireland has an Unsung Open Source Story

Many examples of Irish Open
Source Success & Leadership

Ireland's Unsung OSS Story

Developers // Ireland [🔗](#)



GitHub
Developer
Accounts
356,095

Ireland #6 Devs per Capita in EU

Country / Region	Devs Per 1K Working Age Capita
Estonia	133.803254
Netherlands	133.493728
Sweden	125.816284
Denmark	116.452684
Finland	116.136313
Ireland	115.325654
Latvia	107.91802
Luxembourg	103.249222
Malta	92.3948805
Lithuania	91.9008357
Portugal	83.1751903
Belgium	79.2277389
France	77.3137403
Austria	73.7962254
Germany	72.8944588
Slovenia	69.4424018

Lessons Learned

Lesson 4:

Ireland has an Unsung Open Source History

Many examples of Irish Open
Source Success & Leadership

Lesson 5:

Open Source has Grown Up

“Move Fast and
Break Things”



“Move Fast with
Guardrails”

Lesson 6:

Open Source is more than code

It's as much about
people & process

Lesson 7:

Open Source is more than code (2)

Only scratching the surface of
Open Source Hardware

Lesson 8:

Open Source is more than code (3)

Learning by Doing
Learning by Lurking

Lessons Learned

Lesson 9:

Open Source is not free!

Economic efficiency comes
from shared investment

Lessons Learned

Lesson 10:

**If you're going to do it,
do it right! Right?**

Help is at hand!

Today...

AGENDA - PART 1		
OPENING ADDRESSES Presentations from global and local experts exploring how open source is currently impacting government, large and small businesses, academia. Speakers will give a brief overview of the regulatory landscape now impact the global ecosystem and the potential open source has for economic and social impact.		
09:00 - 11:00	 National Open Source Innovation Summit	Clare Dillon, Open Ireland Network Barry Lowry, Irish Government CIO Anne Lanigan, Enterprise Ireland Leslie Hawthorn, Red Hat Gabriele Columbro, MD Linux Foundation Europe, ED of FINOS Omar Mohsine, United Nations Sachiko Muto, OpenForum Europe , Research Institutes of Sweden Kathryn Lynch, Innovate Island
11:00-11:30	BREAK	
	MAIN SESSIONS Stay in the main room to hear expert speakers examine themes from the opening addresses in more detail, with a focus on exploring why open source is important for collaborative innovation.	OPEN SOURCE 101 In this breakout, speakers will cover related business models, responsibly and securely managing OSS, choosing the right projects, and how large organisations manage their open source
	Open Source in Academia Sayeed Choudhury, Carnegie Mellon University, Director of Open Forum for AI	Open Source Business Basics Malcolm Bain, Across Legal
	Open Source at IBM Bill Higgins, IBM	Setting Up Your OSS Management Process Martin Callinan, Source Code Control Joel Ratnosothy, Interneuron
	PANEL: The Open Source Collaboration Opportunity for Ireland Dermot Casey, IRDG Clare Dillon, Open Ireland Network John Durcan, IDA Kathryn Lynch, Innovate Island	How to Assess OSS Project Health Daniel Izquierdo, Bitergia
	Open Source Program Offices - an overview Duane O'Brien, Capital One	
12:50 - 13:10		
13:10 - 14:10	LUNCH	

Opening
Addresses

Building
on the
themes

Intros to
some best
practices

Today...

4 Tracks

AGENDA - PART 2

	BUSINESS TRACK This track covers why and how open source is used across tech, financial services, and the automotive industry. Panel sessions will look at open source from different lenses, including related opportunities for Irish SMEs.	GOVERNMENT TRACK Join this track to hear how open source is being used in Irish Public Service today and the potential for the future. Speakers will share local and global case studies, and panels will cover how open source can fuel our national innovation strategy.	ACADEMIC TRACK Open source is a critical part of open research. This track will showcase some world-class open source projects in the areas of scientific research and education. Panels will discuss the Irish skills landscape and national open research strategy.	OPEN SOURCE AI TRACK Come along to this track to hear the latest on how open source AI is key to the current AI revolution. Speakers will cover latest trends, the regulatory landscape, and associated opportunities from both a global and local perspective.
14:10 - 14:40	Open Source for the Enterprise Amanda Casari, Google	Open Source in DAFM Lousie McKeever, DAFM	Bioconductor: A Case Study in Open Source Innovation and Social Impact in Life Sciences Dr Maria Doyle, Lero	Open Source AI Definitions & Regulatory Overview Stefano Maffulli, OSI Ciaran O'Riordain, OFE
14:45 - 15:15	Unlocking Value with Open Source AI: A Sustainable and Secure Path Forward - Paul Bradley, AIB Conor O'Neill, ServisBot	Open Source Building Blocks for Government Dr Tony Shannon, OGCI0	Semesters of Code - Building Essential OSS Skills Stephen Walli, Microsoft	5 Ways Open Source is Critical to the Future of AI Sayeed Choudhury, CMU, OFAI
15:20 - 16:00	PANEL: Why Open Source is Essential for Modern Businesses Gabriele Colombo, FINOS Michelle Kearns, Boots Bill Higgins, IBM Colm Harte, NearForm Oisín Hurley, Chunky Labs	PANEL: How Open Source Can Build Better Public Services Clare Dillon, Open Ireland Network Gar Mac Criosda, HSE Sachiko Muto, OpenForum Europe, RISE Dr Tony Shannon, OGCI0 Martin Woodward, GitHub	PANEL: How Ireland Can Address the Global OSS Skills Gap Danese Cooper, InnerSource Commons Ivan Jennings, Red Hat Michael Meagher, Open Ireland Network Stephen Walli, Microsoft	PANEL: Exploring the Global Open Source AI Opportunity Sayeed Choudhury, CMU, OFAI Leslie Hawthorn, Red Hat Duane O'Brien, Capital One Phil Weir, Flax and Teal Anton Whalley
16:05 - 16:35	A Vision of Open Source at Mercedes-Benz Dr Wolfgang Gehring, Mercedes-Benz	Modern App Dev for Governments with Open Source Martin Woodward, GitHub	The Turing Way Malvika Sharan, Alan Turing Institute	Industry Vertical AI Collaborations in Europe Martin Hickey, IBM
16:40 - 17:20	PANEL: Open Source for SME Competitiveness Oisín Hurley, Chunky Labs Kathryn Lynch, Innovation Island Phil Weir, Flax and Teal John Whelan, TCD	PANEL: Open Source and National Innovation Ecosystems Sayeed Choudhury, CMU Jane Dillon, Enterprise Ireland John Durcan, IDA Mike Gifford, CivicActions Joan Mulvihill, Siemens	PANEL: Open Source and Open Research Michelle Doran, NORF Michael Meagher, Open Ireland Network Prof Noel O'Connor, INSIGHT Malvika Sharan, Alan Turing Institute	PANEL: Open Source AI in Ireland Paul Browne, Enterprise Ireland Liam Cronin, RDI Hub Clare Dillon, Open Ireland Network Edmond O'Connor, ADAPT Centre Conor O'Neill, ServisBot
17:30	Conference WRAP-UP			
17:30 - 19:00	RECEPTION			

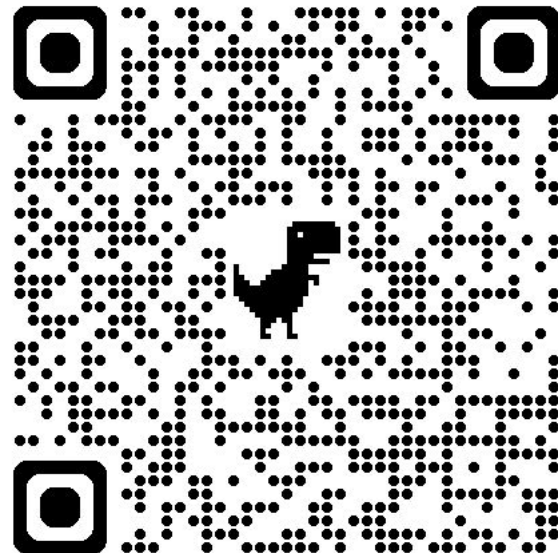
Subject to
Change!

Breaks in
between

Reception
at 5:30pm

| **After the event...**

This is just the start!





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ENJOY!



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Lessons Learned

1. Open Source is everywhere
2. .. But Open Source is not always the answer!
3. Open Source has social & economic impact!
4. Ireland has an unsung open source history
5. Open Source has grown up
6. Open Source is ...people & process
7. Open Source is ...also for hardware
8. Open Source is ...learning
9. Open Source is not free!
10. If you're going to do it, do it right! Right?