

LF Research 2025 Sponsorship Prospectus



What is LF Research?

LF Research systematically investigates open source collaboration, communities, and industry dynamics to establish independent facts and reach new conclusions about the use and impact of open source in solving challenges around the world.

Explore areas of new systemic risks or opportunities Identify best practices and how to leverage open source Demystify the myths and misconceptions of open source value Provide expertise and data-driven paths forward



Frameworks for Analysis

Technology Domain

- Al, ML, Data & Analytics
- Blockchain
- CI/CD & Site Reliability
- Cloud
- Containers & Virtualization
- Cross-Technology
- DevOps
- IoT & Embedded
- Linux Kernel
- Networking & Edge
- Open Hardware
- Open Source Best Practices
- Safety-Critical Systems
- Security
- Storage
- System Administration
- System Engineering
- Web & Application Development

Industry Vertical





Ecosystem





What Makes LF Research Unique? "Open source first."

The Linux Foundation is at **the center of 100,000+ open source leaders, engineers and end users,** working at some of the world's most important companies.

Engaging our network of open source practitioners allows us to deliver primary research that creates:



A **richer, more complete understanding** of the uniqueness of open source development vs. product development

In-depth insight from our community's expertise that hones in on the critical topics.

Actionable conclusions to inform decision makers.

Open data available for other analysts to incorporate into their work.



Dozens of unique reports published since inception in April, 2021.

100s of deliverables.

1000s of open data points.









Web3 and Sustainability How We Can Reduce the Climate Impact of Blockchains, How Blockchains Can Help Reduce Our Own



ELINUX Research

A Road Map to Improve the Effectiveness and Impact of Enterprise Open Source Development

February 2023 Foreword by Jessica Marillo VP and Delivery Practice Leader, BM



AI_Dev Keynote, December 2023: "Organizations prefer open source GenAI technology."

2023 GENAI REPORT



Openness is important. 63% of respondents are extremely or moderately concerned by the openness of GenAl systems their companies are using or developing.





Open Source in Finance Forum, September 2024: "OSS delivers business value."

THE 2024 STATE OF OPEN SOURCE IN FINANCIAL SERVICES

84% of respondents agree that using OSS *delivers business value* to their organization.



The supply side (cost of creating the code) value of OSS is 4.15 billion very side (value of the code generated in the market from goods and servic value is 9.8 trillion Harvard Census II) Study (2022)

SHOW ME THE -MONEY- VAL

THE 2024 STATE OF OPEN SQURCE IN FINANCIAL SERVICES

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84% of respondents

business value to

agree that using OSS delivers

OSSEU Keynote, September 2023: "OSS is critical to European industries."



Open source is widely viewed to be vital to the future of industry sectors by 91% of survey respondents, 72% of which are outside of crossindustry IT vendors.

Reputational influence through research

A recent survey from Penta Research reveals the Linux Foundation comes out ahead of the tech industry & industry associations, influencing overall organizational reputation.



"Does the organization contribute accurate, reliable research & data?"



Benefits of Research





Driving Decision Making for Projects, Enterprises, & Governments

- Determining the next certification that **OpenSSF** should build to provide the most value to their community.
- Understanding **CNCF** project penetration rates to tune project development strategies and influence investment.
- Exploring how to best invest in, grow, and position the **OpenSearch** product to support the needs of its community.
- Ensuring market relevance of a **LF Education's** cybersecurity skills matrix
- Measuring ROI for **a leading chip manufacturer's** open source software involvement.
- Communicating the stark differences between **open and closed standards** and how organizations are pivoting to an open approach because of its ability to drive rapid innovation.



Engage Stakeholders & Test Hypotheses: Workshops & Executive Roundtables

intel

INVITES YOU TO A

Blockchain & Sustainability Roundtable

A virtual, invitation-only event in partnership with Research Research

FRIDAY, JULY 29 10:30 A.M. TO 12:30 P.M. EDT

OVERVIEW

This Roundtable brings together thought leaders from across the Web3 ecosystem who are 1) working towards making blockchains more sustainable and 2) implementing blockchain technology to help mitigate the effects of climate change (through carbon accounting, accountability, and offset verification).

RSVP BY FRIDAY, JULY 15







Roundtable Report Deliverable

LINUX Research

Web₃ and Sustainability

How We Can Reduce the Climate Impact of Blockchains, How Blockchains Can Help Reduce Our Own



Web3 gives us a **new way** of organizing and incentivizing the work of society where individuals own and control their assets.



A neutral dashboard running on a public blockchain could help the industry align incentives and confirm claims about recycling practices.



The read-write-own Web3 is about asserting rights of personhood, privacy, and property of open and trustworthy data ecosystems.

Project success relies on removing silos, taking an interdisciplinary approach, and developing policy in parallel.



Foreword by Scott Chamberlin

Download the report here:



https://www.linuxfoundation.org/research/web3-and-sustainability?hsLang=en

Examples of Commissioned Research from Companies, Governments, & Projects



AWS: Awareness & Perception of OpenSearch





AWS

Download at https://www.linuxfoundation.org/research/opensearch-awareness-study-2024?hsLang=en

Intel: Open Source Software Developer Report



OPEN SOURCE SOFTWARE DEVELOPER REPORT 2024

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82% of respondents believe **Open Source** Summits and conferences are important for career development.

OPEN SOURCE SOFTWARE DEVELOPER REPORT 2024



Almost all respondents (99%) believe that **learning new skills** is an important strategy for career growth.

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The most significant value from attending professional events is **finding inspiration and motivation**.



Download at https://www.linuxfoundation.org/research/open-source-developer-survey-2024?hsLang=en





59% of respondents perceive value in keeping up with open source ecosystems by **attending professional events**.

OPEN SOURCE SOFTWARE DEVELOPER REPORT 2024

Natural Resources Canada: Energy Interoperability



OPEN SOURCE AND ENERGY INTEROPERABILITY

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Standards and Collaboration: There is a need for industry-wide standards to facilitate interoperability and reduce silos.

OPEN SOURCE AND ENERGY INTEROPERABILITY

 Promise of Open Source:
Open source technology shows the greatest promise to accelerate the transition to clean energy.

OPEN SOURCE AND ENERGY INTEROPERABILITY

Data Sharing Importance: Open source platforms enable better long-term planning through transparent and real-time data sharing.

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OPEN SOURCE AND ENERGY INTEROPERABILITY

Open Source Benefits: Open source platforms reduce costs, enhance interoperability, and improve integration across energy systems.





Download at https://www.linuxfoundation.org/research/canadian-energy-interoperability?hsLang=en

Futurewei: Open Source Opportunity for Microgrids

LINUX Research

The Open Source Opportunity for Microgrids

and Overcome Market Barriers

ELEENERGY IE intentional futures

S FUTUREWE

Open source accelerates microgrid design and time-to-market. enabling better modularity, efficiencies, and open data sharing.



Data standardization. application modularity, demonstration of cost benefits, and market **coordination** will support greater microgrids interoperability.

Open source enables market innovation toward energy resilience at scale via open source-enabled business models, security, talent pipelines, and cost reductions.



Collaborative and consistent policymaking is needed to revamp energy regulation

that is outdated, fragmented,

and favorable to centralized

grid infrastructure.



Download at https://www.linuxfoundation.org/research/open-source-opportunity-for-microgrids?hsLang=en

CNCF: Kubernetes Turns 10

We studied different aspects of the awareness and impact of Kubernetes in celebration of the project's 10th anniversary, revealing positive perceptions & creating opportunities for constructive feedback.

KUBERNETES TURNS 10 REPORT



The top challenges for Kubernetes are the **learning curve** (59%), **security** (44%), and **talent shortage** (36%).

KUBERNETES TURNS 10 REPORT

90% of organizations believe that Kubernetes **improved their software development processes.**





Download at https://www.linuxfoundation.org/research/kubernetes-turns-10?hsLang=en

TODO: The Impact of OSPOs on Management & Strategy

Our latest study from the TODO Group & LF Research shows the **significance of OSPOs** once again, in terms of their impact on open source use, contribution, and organizational open source strategy.



There is still room for growth. Our study shows that **while 77% of large organizations have an OSPO, only 19% of small organizations have one**. Implementing an OSPO is key for **awareness** of **open source software use and dependencies**, and they can **improve license compliance** and increased **transparency**. The report advocates for greater adoption to capitalize on these benefits.



How Research Benefits Different Stakeholders

Government: educating policymakers on the value and adoption of open source

Enterprise: capturing and communicating the business case for open source

Society: promoting open technology projects for sustainable development

2024 GENERATIVE AI SURVEY

OPEN SOURCE IN EUROPE'S PUBLIC SECTOR



Outdated procurement processes, limited technical competences, and a lack of managerial buy-in are preventing the public sector from realising the full potential of OSS.



64% of respondents report increased business value from OSS use in 2024, and 56% report increased benefits from OSS contributions.



82% of respondents agree that **open source AI is critical for a positive AI future.**



Research Deliverables as Marketing Collateral



Confidential Computing Consortium 1,838 followers 2w · Edited · 🕥

+ Follow ...

🖋 Just Released: The Case for Confidential Computing! 🖋 Real Stories, Real Success: Explore the Confidential Computing Use Case Report and discover how Confidential Computing enables organizations to securely leverage enterprise data.

Grow your business, improve service, tackle data challenges, and meet regulatory compliance.

Thanks also to Vini Jaiswal, Sal Kimmich, CSM Anna Hermansen, Riaan Kleinhans, Suzanne Ambiel, Hilary Carter, @Kate George and many others for their support.

Read the full report: https://hubs.la/Q02F sp40

#ConfidentialComputing #DataSecurity #AI #MachineLearning **#BusinessGrowth #Compliance**





6.180 followers 2w . 🕤

A new report, "Open Source and Energy Interoperability" from LF Research and LF Energy thanks to sponsorship from Natural Resources Canada (NRCan), explores how open source solves the issue of ...more

ECUNDATION Research

DLFENERGY

Open Source and Energy Interoperability

Opportunities for Energy Stakeholders in Canada

Resecurces naturalles

Mike Dover August 2024

Report prepared for



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LF Research Marketing Reach

- LF email distribution: ~1,000,000
- LF Research email subscribers: 2,500
- Average number of downloads: 500
- X followers: 566,000
- LinkedIn followers: ~350,000

*reports are published under CC-BY-ND and are available for publication on any website.





Latest Startups Venture Apple Security Al Apps | Events Podcasts

Paul Sawers

Linux Foundation report highlights the true state of open source libraries in production apps

There are many metrics to track the prevalence of open source components, such as GitHub stars and downloads, but they don't paint the full picture of how they're being used in production codebases.

<u>Census III of Free and Open Source Software: Application Libraries</u> leans on more than 12 million data points from software composition analysis (SCA) and application security tools such as <u>Black Duck</u>, <u>FOSSA</u>, <u>Snyk</u>, and <u>Sonatype</u>, which have been deployed at more than 10,000 companies.

tomorrow belangu to those who embrace it oday trending tech innovation business security advice buying guider

/ innovation

Home / Innovation / Artificial Intelligence

Nearly half of Gen Al adopters want it open source - here's why

A new report explores the frequently awkward relationship between open source and artificial intelligence.

Written by Steven Vaughan-Nichols, Senior Contributing Edito Nov. 21, 2024 at 3:00 a.m. PT

THENEWSTACK

Show Me the Data: the FINOS 2024 Survey

FINOS and the Linux Foundation surveys the financial services community every year to gauge open source adoption and key challenges.

The authors of the report discussed the results of the survey at the conference, including Tosha Ellison, strategic advisor at FINOS, Colin Eberhardt, CTO Scott Logic, Hillary Carter, SVP Linux Foundation, and Cara Delia, senior principal community architect at Red Hat.

LF Research in the News

< TechRepublic

Only 29% of Companies Laid Off IT Staff in 2023, Reveals Linux Foundation Study

The 2024 State of Tech Talent Report from the Linux Foundation revealed that just 29% of organizations reduced their technical headcount last year.

May 2, 2024

Forbes

The banking sector has expanded its approach to open source, from implementing new rules on how to use data with open banking to contributing to full open-source banking platforms. According to the most recent Fintech Open Source Foundation (FINOS) report, the number of contributions by fintech and banking contributors to opensource projects has from 429,258 contributions in 2021 to 595,860 contributions in 2023.



The Linux Foundation's <u>Open source maturity in Europe report</u> paints a robust picture, stating that between 2022 and 2024, "more than half of the respondents each year reported seeing an increased business value from using OSS compared to the previous year".

Recognizing Research Engagement: Credly Badges



Contributor badges are issued to individuals in the open source community who have supported the research development process, as:

- Author / co-author / ghostwriter
- Foreword author
- Survey author
- In-kind contributor
- Data analyst

Localization Partner badges are issued to individuals who have assisted in the localization of surveys and reports.

Badges appear on LFX <u>individual dashboards</u> to illustrate engagement.

25

How to Collaborate



Commissioning a Study: Questions to Consider

Objective setting:

- What is the goal of the research?
- Who is the target audience for the research?
- What is the hypothesis to be tested, or headlines desired from research?
- When is the research to be launched and published?

Methodology & logistical considerations:

- Survey, qualitative, dataset analysis, or a combination?
- Access to stakeholders & subject matter experts?
- Budget & timelines?

Get started! Complete the <u>LF Research Brief</u> to scope your study.





Data Collection: LF Research Forum

The <u>Linux Foundation Research Forum (LFRF)</u> was founded in 2024 and brings together Linux Foundation subscribers, members, and partners who have a common interest in open source and are willing to share their knowledge by participating in surveys, interviews, or other research activities. LFRF was created to reduce our frequent shortfall in data collection and reliance on 3rd party panel providers, and attribute panel response cost savings to support LF travel scholarships.

Data collection by LFR across the LF community (multiple lists, multiple attempts), research partners, and LFRF members is on a best efforts basis.

- Data collection from the LF community is managed by LFR at no cost to the project.
- Data collection from partners is orchestrated by the sponsor and managed by LFR at no additional cost
- Shortfalls in data collection based on target sample size can often be addressed by purchasing completes from a 3rd party panel provider typically \$24 to \$30 based on region and quality. Data collection from 3rd party panel providers is negotiated and managed by LFR but the cost is borne by the sponsor. There is no LFR markup.



Pricing Scale: Survey-Based Research Commissions (custom)

The following table shows how LF Research prices track based on common volumes of questions, completes, and insights.

Changes to # question, # completes, #insights all offer opportunities to reduce price.

| Vendor | # Questions | Target # Completes | # Insights | \$ Questions | \$ Completes | \$ Charts | \$ Insights | Total \$* Based on LF completes |
|-------------|----------------|-----------------------|---------------|-----------------|--------------------|--------------|----------------|---|
| LF Research | 15 | 150 | 15 | \$10,125 | \$2,800 - \$5,600 | \$2,000 | \$10,125 | \$25,050 - \$27,850 |
| LF Research | 20 | 200 | 20 | \$13,500 | \$2,800 - \$5,600 | \$3,000 | \$15,188 | \$34,488 - \$37,288 |
| LF Research | 30 | 250 | 30 | \$20,250 | \$4,200 - \$8,400 | \$4,000 | \$20,250 | \$48,700 - \$52,900 |
| LF Research | 40 | 300 | 45 | \$27,000 | \$5,600 - \$11,200 | \$6,000 | \$30,375 | \$68,975 - \$74,575 |
| LF Research | 50 | 350 | 60 | \$33,750 | \$7,000 - \$14,000 | \$8,000 | \$40,500 | \$89,250 - \$96,250 |

*3rd party panel completes are charged separately. LF Research will distribute surveys to generate completes on a best efforts basis. Does not include travel should presentation at events be requested, or sample from 3rd party panel providers.



Pricing Scale: Qualitative Research Commissions (custom)

The following table shows how LF Research prices track based on number of interviewees, word count, and localization requirements.

Changes to # of SME interviews, # of words, #languages all offer opportunities to reduce or increase price.

| Vendor | # SME Interviews | Word Count | Second language localization | Total \$* | |
|-------------|--------------------------------|---------------------|---------------------------------|---------------------|--|
| LF Research | 4 to 6 | 1,500 to 3,000 | \$2,000 | \$25,000 - \$35,000 | |
| LF Research | 6 to 8 | 3,000 to 7,500 | \$2,500 | \$35,000 - \$50,000 | |
| LF Research | 8 to 12 | 7,500 to 10,000 | \$3,000 | \$50,000 - \$75,000 | |
| LF Research | arch 12 to 20 10,000 to 15,000 | | \$3,500 | \$75,000 - \$95,000 | |
| LF Research | 20 to 30 | 15,000 words and up | \$5,000 and up | \$95,000 + | |

*Minimum total costs assumes stakeholder engagement / introductions to preferred interviewees.

Does not include travel should presentation at events be requested. Does not include hiring outside subject matter experts as authors or coordination of research-related workshops.



Bespoke Workshops and Roundtables: Starting at USD 75K

LF Research supports:

- Research / program design & planning
- Coordination with sponsor facilitators and/or subject matter expert speakers
- Hiring keynote speakers (costs extra)
- Invitation design
- Invitation brainstorming & support on outreach
- Recording & transcription (if LF hosted)
- Drafting of report (authorship)
- Report production, publication, & distribution

Sponsor benefits:

- Agenda input
- Speaking opportunities
- Coordination input
- Opportunity to review the research report prior to publication
- Logo placement on event and research deliverables
- About sponsor mention in report
- Embargo pitching of report

Additional considerations:

- Virtual / in-person event hosting costs
- Engaging the LF Events team



| Co-Branding Research: World of Open Source Series, OSPOs, Tech Talent, ++ | Leadership | Innovation | Support |
|---|------------|------------|---------|
| Logo placement | Tier 1 | Tier 2 | Tier 2 |
| Acknowledgement in report | x | х | x |
| Branding recognition in survey announcement and other shareables | x | x | x |
| Planning committee & early access to research findings | x | х | |
| Add up to 3 questions during instrument development (survey, interview guide) | x | | |
| Opportunity to write the report foreword | x | | |
| Company bio and social media links on back page of report | x | | |
| Cost (in USD) | \$15,000 | \$5,000 | \$2,500 |



In-Kind Partnerships

Receive **brand recognition** for helping to distribute surveys and generate qualified respondents, as well as **acknowledgement** of your support in the survey deliverables and on the report inside back cover.

- Distribute unique survey collector links on email & social media
- Introduce subject matter experts, as prospective interviewees
- Conduct peer reviews of research findings
- Actively participate in the report distribution and promotion





Learn more! Visit https://www.linuxfoundation.org/research



LINUX FOUNDATION RESEARCH

We're investigating the impact of open source collaboration to solve the world's most pressing challenges.



SUBSCRIBE TO MAILING LIST



"To us, LF Research is an invaluable program that brings together thought leaders and produces high-quality, strategic open source research. This work paves the way for many groundbreaking open source projects, driving innovation and collaboration across industries as a direct result of their visionary insights." **Chris Xie, Head of Open Source Strategy, Futurewei Technologies Inc.**

"Collaborating with Linux Foundation Research on multiple open source research projects has been a valuable experience. Their expertise has provided us with relevant, in-depth insights and actionable data, enhancing our understanding of trends in the open source landscape." **Melissa Evers, Vice President, Intel**

"LF Research reports are pure gold for understanding better how hashtag#opensource is evolving and changing the European tech landscape now and in the future." **Paolo Mainardi, CTO, SparkFabrik**

#Research



To sponsor a research project, email us at <u>research@linuxfoundation.org</u>

To receive new research reports and surveys, <u>subscribe</u> today!







