

# Technical Advisory Council (TAC) Meeting

7 November 2023

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# Meeting information

- Meeting to begin at 5:00 pm Central European Time
- Join the meeting by going to <https://zoom-lfx.platform.linuxfoundation.org/meeting/95214651568?password=eda16f17-bdd1-4a9f-a594-0947a1433153>
- Any problems with connectivity, you can contact John Mertic from the Linux Foundation at +1 234-738-4571
- Previous TAC Meeting notes, deck, and recording, at <https://wiki.lfenergy.org/display/HOME/Technical+Advisory+Council#TechnicalAdvisoryCouncil-MeetingMinutes>

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# Agenda

All Times in Central European Time Zone

- 5:00 pm - 5:10 pm - Opening and General Updates
  - TAC member updates and project review date reminders
  - General updates
- 5:10 pm - 5:30 pm - OpenSTEF Annual Review
- 5:30 pm - 5:50 pm - Project Security Focus
- 5:50 pm - 6:10 pm - OpenLEADR Annual Review
- 6:10 pm - 6:15 pm - Marketing/PR/Events updates
- 6:15 pm - 6:20 pm - Closing and Next Meeting

# Opening and General Updates

5:00 pm - 5:10 pm

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# TAC Voting Members

You can update your headshot/title at [openprofile.dev](https://openprofile.dev).



**Antonello Monti**  
Chair  
Professor  
RWTH Aachen  
University



**Anne Tilloy**  
Project manager  
RTE (Reseau de  
Transport  
dElectricite)



**Art Pope**  
Member of  
Technical Staff at  
Google LLC



**Avi Allison**  
Program Manager,  
Energy,  
Sustainability  
Microsoft  
Corporation



**Boris DOLLEY**  
Director of  
Sustainable IT  
Strategy  
RTE (Reseau de  
Transport  
dElectricite)



**Bryce Bartmann**  
Chief Digital  
Technology Advisor  
Shell International  
Petroleum Company



**Jonas van den  
Bogaard**  
Open Source Office  
Lead  
Alliander



**Maarten Mulder**  
PO Field Device  
Platforms  
Alliander



**Travis Sikes**  
Senior Data  
Scientist  
Recurse

# LF Energy Hosted Project and Working Group Leads

Changes in bold



Project	Project Lead(s)
PowSyBI	Anne Tilloy, RTE
OperatorFabric	Frederic DIDIER, RTE
OpenEEMeter	Travis Sikes, Recurve
GXF	Maarten Mulder, Alliander
SOGNO	Antonello Monti, RWTH Aachen University
CoMPAS	Aliou Diaite, RTE & Sander Jansen, Alliander (TAC Representative)
FledgePOWER	Akli Rahmoun, RTE
Hyphae	Asimonia Korompili, RWTH Aachen University
openLEADR	Lonneke Driessen & Stan Janssen, OpenADR
SEAPATH	Éloi Bail, Savoir-faire Linux
Grid Capacity Map	Per Lysemose Hansen, Energinet
Shapeshifter	Robben Riksen, Alliander
OpenSTEF	Frank Kreuwel, Alliander
EVerest	Marco Möller, PIONIX
OpenGEH	Per Lysemose Hansen, Energinet
FlexMeasures	Nicolas Höning, Seita Energy Flexibility B.V.
Arras	David Chassin, SLAC
Dynawo	Marco Chiamello, Benoît Jeanson, RTE
OpenFIDO	David Chassin, SLAC
Power Grid Model	Tony Xiang, Alliander
Real Time Data Ingestion Platform (RTDIP)	Bryce Bartmann, Shell
TROLIE	Christopher Atkins, MISO Energy
Battery Data Alliance	Gabe Hege, AMPLabs
GRIP (Grid Resilience and Intelligence Platform)	Alyona Teybar, MASc

# Project Review Cycle

updating

## 2023 Upcoming Reviews

Project	Current Level	Initially Accepted	Last Review	Next Review
<i>Grid Capacity Map</i>	<i>Incubation</i>	<i>April 27, 2021</i>	<i>July 12, 2022</i>	<i>October 17, 2023</i>
<i>OpenEMeter</i>	<i>Incubation</i>	<i>June 4, 2019</i>	<i>September 13, 2022</i>	<i>October 17, 2023</i>
<i>OpenCEH</i>	<i>Sandbox</i>	<i>October 12, 2021</i>	<i>October 4, 2022</i>	<i>October 17, 2023</i>
<b>OpenSTEF</b>	<b>Incubation</b>	<b>September 21, 2021</b>	<b>October 25, 2022</b>	<b>November 7, 2023</b>
<b>OpenLEADR</b>	<b>Incubation</b>	<b>September 15, 2020</b>	<b>December 6, 2022</b>	<b>November 7, 2023</b>
FlexMeasures	Incubation	November 2, 2021	November 15, 2022	November 28, 2023
RTDIP	Sandbox	October 25, 2022		November 28, 2023
PowSyBI	Early Adoption	April 30, 2019	November 15, 2022	November 28, 2023
Dynawo	Sandbox	December 6, 2022		December 5, 2023
Everest	Early Adoption	October 12, 2021	December 6, 2022	December 19, 2023

## 2024 Future Reviews

Project	Current Level	Initially Accepted	Last Review	Next Review
OpenFIDO	Sandbox	January 17, 2023		January 9, 2024
SEAPATH	Early Adoption	October 6, 2020	January 17, 2023	January 9, 2024
Hyphae	Incubation	December 8, 2020	February 7, 2023	February 20, 2024
Power Grid Model	Sandbox	February 7, 2023		February 20, 2024
FledgePOWER	Incubation	February 11, 2021	March 21, 2023	March 12, 2024
SOGNO	Early Adoption	October 27, 2020	March 21, 2023	March 12, 2024
Shapeshifter	Incubation	April 6, 2021	April 11, 2023	April 23, 2024
CoMPAS	Incubation	May 5, 2020	July 13, 2022	June 25, 2024
Arras	Sandbox	July 12, 2022	July 25, 2023	January 30, 2024
OperatorFabric	Early Adoption	April 30, 2019	July 25, 2023	July 16, 2024
TROLIE	Sandbox	September 5, 2023		September 3, 2024
Battery Data Alliance	Sandbox	September 5, 2023		September 3, 2024
GRIP (Grid Resilience and Intelligence Platform)	Sandbox	September 26, 2023		September 17, 2024
GXF	Early Adoption	February 4, 2020	September 26, 2023	September 24, 2024

## Working Groups

Group	Current Level	Initially Accepted	Last Review	Next Review
Archimate Working Group	Active	October 4, 2022		11/28/2023

# TAC Sponsors for Projects

As part of the benefit for LF Energy projects, the TAC has a sponsor for each project.

*“Appointment of an existing TAC member by the TAC that will act as a sponsor of the project and provide recommendations regarding governance best practices.”*

**ACTION:** Review assignments, let John or Yarille know if there are issues

Project	Current Level	TAC Sponsor
Archimate Working Group	Working Group	Maarten Mulder
Arras	Sandbox	Antonello Monti
Battery Data Alliance	Sandbox	
CoMPAS	Incubation	Bryce Bartmann
Dynawo	Incubation	Art Pope
EVERest	Early Adoption	Bryce Bartmann
FledgePOWER	Incubation	
FlexMeasures	Incubation	Maarten Mulder
Grid Capacity Map	Incubation	Boris Dolley
GRIP (Grid Resilience and Intelligence Platform)	Sandbox	
GXF	Early Adoption	Jonas van den Bogaard
Hypphae	Incubation	Antonello Monti
OpenEEmeter	Incubation	Travis Sikes
OpenFIDO	Sandbox	Avi Allison
OpenGEH	Sandbox	Avi Allison
OpenLEADR	Incubation	Anne Tilloy
OpenSTEF	Incubation	Jonas van den Bogaard
OperatorFabric	Early Adoption	Boris Dolley
PowSyBl	Early Adoption	Anne Tilloy
Power Grid Model	Sandbox	Jonas van den Bogaard
Real Time Data Ingestion Platform (RTDIP)	Sandbox	Art Pope
SEAPATH	Early Adoption	
Shapeshifter	Incubation	Jonas van den Bogaard
SOGNO	Early Adoption	Antonello Monti
TROLIE	Sandbox	

# General Updates

- Yarille will be reaching out to project/working group leads to update slide in HL overview deck.
- We'd like to schedule guest speakers/topics that would be of interest to TAC members and TSC leads.
  - **ACTION: Let us know what would be of interest at <https://github.com/lf-energy/tac/issues/31>.**
- Plan to move all projects to using LFX PCC Meeting Management by end of the year; current status at <https://github.com/lf-energy/tac/issues/39>
  - **ACTION: Projects lead to work with John on transitioning: EVERest, FledgePOWER, Grid Capacity Map, Grid eXchange Fabric, Hyphae, OpenEEmeter, PowSyBl, openLEADR, OpenSTEF, Archimate WG**
- Future of Slack; revisit looking at alternatives. Zulip has been suggested at <https://github.com/lf-energy/tac/issues/48>
  - **DISCUSSION: Revisit Slack and alternatives.**

# OpenSTEF Annual Review

5:10 pm - 5:30 pm

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Annual Review for  
OpenSTEF

# Incubation Project review criteria

To be accepted into the Early Adoption stage, a project must meet all the requirements of the Incubation stage plus:

- Demonstrate growth in the project's community, including
  - Growth in the number of commits to the project, number of project committers, and organizational diversity of contributions and committers.
  - Production or planned production use of the project by at least two independent end users which, in the TAC's judgement, are of adequate quality and scope.
- Technical Governance of the project is operational, as measured by:
  - A Technical Steering Committee with at least 5 members and a chairperson elected by the members, holding regular open meetings.
  - Achievement of the Core Infrastructure Initiative Best Practice badge at the 'Passing' Level
- Development of a growth plan, to be done in conjunction with their project mentor(s) at the TAC. This plan should address the following points:
  - Release plans for the next 18 months.
  - Target end-users.
  - Identification of any regulatory or standards body requirements for deployment, and plans for implementation.
  - Plans for growth of project contributors and committers to support the growth plan.
    - Since these metrics can vary significantly depending on the type, scope and size of a project, the TAC has final judgement over the level of activity that is adequate to meet these criteria.
- Identification of any infrastructure resources needed to fulfill the growth plan.
- Presentation to the TAC of the project's growth, technical governance, and growth plan.
- Receive the affirmative majority vote of the TAC and Governing Board

## Early Adoption/Graduation Project review criteria

To be accepted into the Graduation stage, a project must meet the Early Adoption stage requirements plus:

- Have a defined governing body of at least 5 or more members (owners and core maintainers), of which no more than 1/3 is affiliated with the same employer. In the case there are 5 governing members, 2 may be from the same employer.
- Have fulfilled or are on track to complete the growth plan defined in the Early Adoption stage proposal.
- Have a healthy number of contributions or committers from at least three organizations, with any one organization not composing more than 50% of the contributions or committers. Committers must be identified within the project in a COMMITTERS file.
- Have a public list of project adopters for at least the primary repo (e.g., ADOPTERS.md or logos on the project website).
- Achievement of the Core Infrastructure Initiative Best Practices badge at the Gold level.
- Present to the TAC and the Governing Board on the fulfillment of these requirements.
- Receive a 2/3 majority vote from the TAC and majority vote of the Governing Board to move to Graduated stage. Projects can move directly from Incubation to Graduated status if they can demonstrate sufficient maturity and have met all requirements.

# OpenSTEF

## Brief Description:

OpenSTEF provides a complete software stack which forecasts the load on the electricity grid for the next hours to days. Given a timeseries of measured (net) load or generation, a fully automated machine learning pipeline is executed which delivers a probabilistic forecast of future load. This works for energy consumption, (renewable) generation or a combination of both. OpenSTEF performs validation on the input data, combines measurements with external predictors such as weather data and market prices, trains any scikit-learn compatible machine learning model, and delivers the forecast via both an API and an (expert) graphical user interface.

## TSC Chairperson:

Frank Kreuvel – [frank.kreuvel@alliander.com](mailto:frank.kreuvel@alliander.com)

## TSC Members and Affiliations:

Frank Kreuvel - Alliander

Jan Maarten van Doorn - Sigholm

Jonas van den Bogaard - Alliander

Frederik Stoel - Alliander

## Contributed by:

*Alliander N.V.*

## Key Links:

**Github:** <https://github.com/OpenSTEF>

## Website:

<https://wiki.lfenergy.org/display/OS/OpenSTEF>

**Artwork:** [.github/artwork at main · OpenSTEF/.github](https://github.com/OpenSTEF/artwork)

## Mailing lists: -

## CII Badge URL:

openssf best practices **passing**



# Contributions

2022

Fork 10

Starred 28

2023

Fork 19

Starred 63



## Total Contributors

The count of the total number of technical contributors across commits, pull requests/changesets, issues and documentation aggregated since the start of the project.



## Organizations contributing and/or using in production

- Currently:



- Outlook: applied research project submitted (including LFE members)

### AI for the Future Energy System (AIFES)

Planned start date : 1 January 2024

Planned duration : 3 (three) years 2024-2026

Contributing organization: Alliander, Stedin, Tennet, MFFBAS, Giga Storage, Vandebron, withthegrid, Repowered, Shell, Microsoft, ML6, CWI, HvA, TU Delft

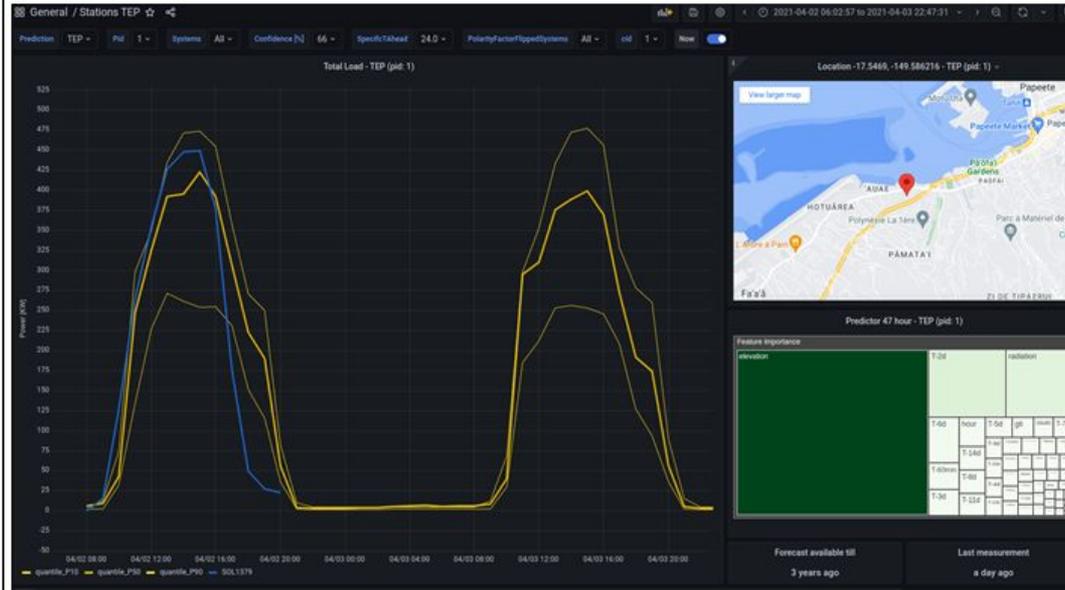
Non-contributing organization: Provincie Noord-Holland

*A1.3 Implementation of novel AI forecasting techniques in open-source forecasting package used in the energy sector: OpenSTEF, and applied on concrete use cases by consortium partners. Deliverables:*

- D1.3a: Implementation of novel AI-based code in OpenSTEF
- D1.3b: Report on effectiveness of implemented software in concrete use cases.

## Collaborator interaction

We have been using OpenSTEF here at RTE international for the past month, and we have created a proof of concept for solar power forecasting in French Polynesia. Here's a little preview:



As you can see, we've successfully used OpenSTEF as well as the OpenSTEF-DBC stack, and we're interested in chatting with you about OpenSTEF.

## Growth plan

- Increasing contributions from existing collaborators and interested parties.
- Improving 'getting started' and 'architecture' guides, organizing User Workshops -> colleague started at Alliander for this

-> Go-live at RTE

-> Contributor feedback sessions (RTE-I, Vandebbron)

-> AIFES project proposal & consortium members

## Key Achievements in the past year

- AI for the Future Energy System proposal submitted (13 parties)
- Presented OpenSTEF at FOSDEM
- Presented OpenSTEF at Swedish DSOs
- Implementation at Firan (OpenSTEF in own architecture)
- Implementation at RTE-I (OpenSTEF-reference implementation)
- Radboud University New Method implemented in OpenSTEF
- 4 new colleagues started at Alliander working with OpenSTEF

Areas the project could use help on

Adoptation of opensource at other DSO/TSOs

After demo's a lot of enthousiasm, but difficult to follow through

Feedback on working with LF Energy

-N/A

## TAC Open Discussion

# Project Security Focus

5:30 pm - 5:50 pm

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# Focuses

- Ensure all projects up to date with OpenSSF Best Practices Badge per their maturity level
- Clean up LFX Security to ensure it's accurate
- Promote SBOM scanning
- Security Audits for all 'Early Adoption' stage projects
- Security strategy developed by TAC ( response standards, CVE response )



openssf best practices silver



openssf best practices silver



openssf best practices in progress 99%



openssf best practices passing



openssf best practices silver



openssf best practices in progress 73%



openssf best practices passing



openssf best practices passing



openssf best practices passing



openssf best practices passing



openssf best practices passing



openssf best practices passing



openssf best practices in progress 72%



openssf best practices passing

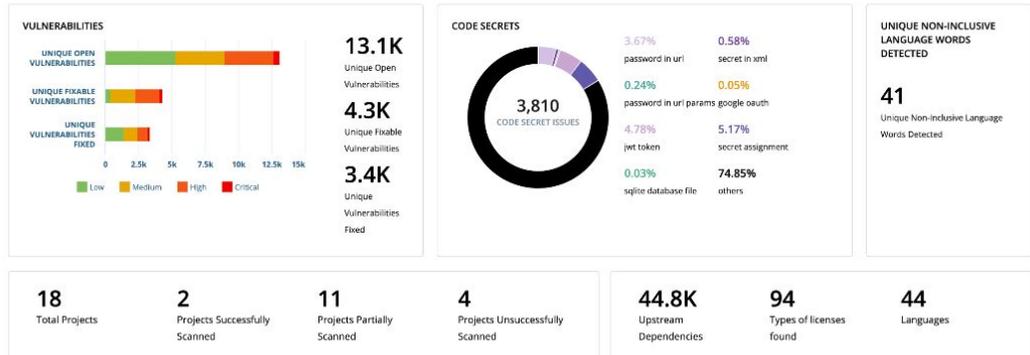


openssf best practices passing

Current OpenSSF Best Practices Badge status

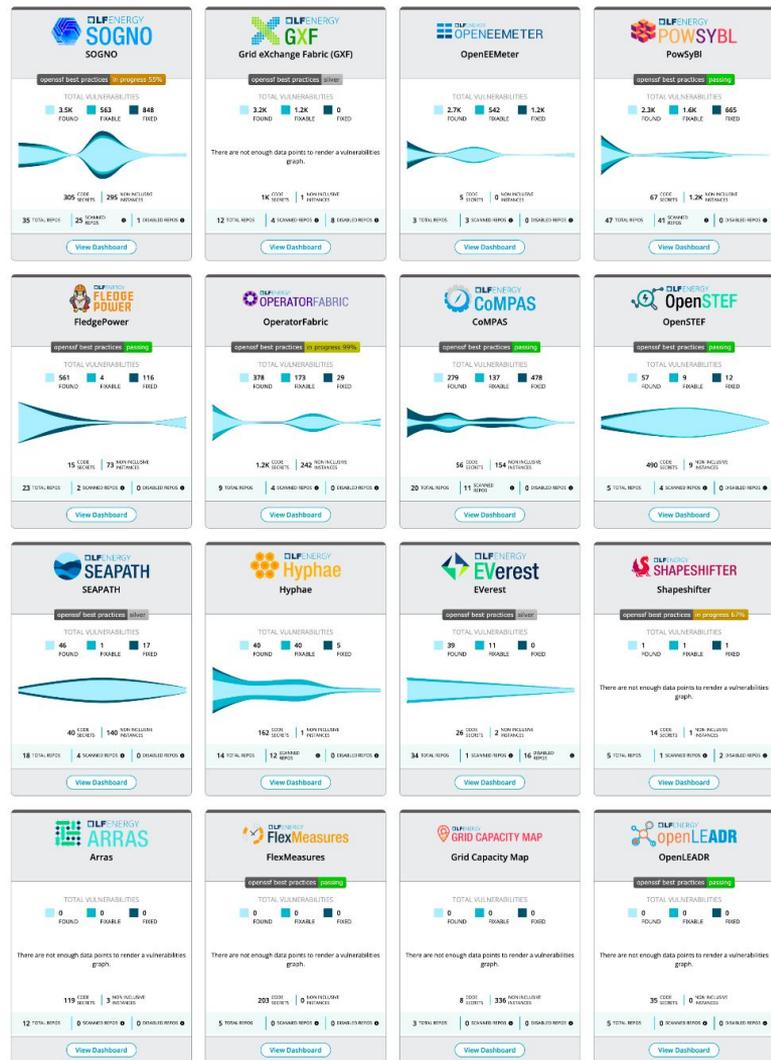
**ACTION: Projects in red boxes need review (source**

**[https://tac.lfenergy.org/projects\\_with\\_bestpractices](https://tac.lfenergy.org/projects_with_bestpractices))**



- 16 of 20 projects on LFX Security
- 6 projects with no successful scans
- Only 2 projects with a full scan

**ACTION: Project leads to review LFX Security and resolve issues/disable repos that shouldn't be scanned.**



18 projects having license scans and SBOMs being generated.

GOAL: All project scanned every quarter

Carbon-Data-Spec	add SPDX file for Carbon-Data-Spec from 2023-07 Fossology scan	2 months ago
EVerest	add SPDX file for EVerest from 2023-07 Fossology scan	2 months ago
FledgePOWER	add SPDX file for FledgePOWER from 2023-07 Fossology scan	2 months ago
GridCapacityMap	add SPDX file for GridCapacityMap from 2023-07 Fossology scan	2 months ago
OCPPCloudConnector	add SPDX file for OCPPCloudConnector from 2022-12 Fossology scan	8 months ago
OpenGEH	add SPDX file for OpenGEH from 2023-07 Fossology scan	2 months ago
OpenSTEF	add SPDX file for OpenSTEF from 2023-07 Fossology scan	2 months ago
RTDIP	add SPDX file for RTDIP from 2023-07 Fossology scan	2 months ago
Shapeshifter	add SPDX file for Shapeshifter from 2023-07 Fossology scan	2 months ago
compas	add SPDX file for compas from 2023-07 Fossology scan	2 months ago
em2	add SPDX file for em2 from 2022-07 Fossology scan	last year
flexmeasures	add SPDX file for flexmeasures from 2023-07 Fossology scan	2 months ago
gxf	add SPDX file for gxf from 2023-07 Fossology scan	2 months ago
hyphae	add SPDX file for hyphae from 2023-07 Fossology scan	2 months ago
openeemeter	add SPDX file for openeemeter from 2023-07 Fossology scan	2 months ago
openleadr	add SPDX file for openleadr from 2023-07 Fossology scan	2 months ago
operatorfabric	add SPDX file for operatorfabric from 2023-07 Fossology scan	2 months ago
powsybl	add SPDX file for powsybl from 2023-07 Fossology scan	2 months ago
riaps	add SPDX file for riaps from 2023-07 Fossology scan	2 months ago
seapath	add SPDX file for seapath from 2023-07 Fossology scan	2 months ago
sogno	add SPDX file for sogno from 2023-07 Fossology scan	2 months ago

Security Audits through Open Source  
Technology Improvement Fund.

Priority Focus for 'Early Adoption'  
projects

In progress:

- EVerest
- SEAPATH

TODO:

- GXF
- OperatorFabric
- PowSyBL
- SOGNO

Next focus is on Incubation projects.

**ACTION: Remaining 'Early Adoption'  
projects get lined up for scans; identify  
any 'Incubation' projects next.**

OSTIF.org



The Open Source Technology Improvement Fund is a corporate non-profit dedicated to **securing open source apps** that we all depend on. Securing software isn't easy, and we know what it takes to succeed. By facilitating security audits and reviews, OSTIF makes it easy for projects to significantly improve security.

# Security Strategy

TAC take the lead on developing a common set of security expectations and infrastructure for all hosted projects.

Besides the aforementioned topics, the TAC should provide guidance on:

- Base security policy for projects
- Standards for security response and responsible disclosure (CVE)
- Anything else industry specific to consider

**ACTION: TAC to discuss forming a group to focus on building out security strategy**

# OpenLEADR Annual Review

5:50 pm - 6:10 pm

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# Marketing/PR/Events Updates

6:10 pm - 6:15 pm

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# Marketing and PR Updates

[dbrown@linuxfoundation.org](mailto:dbrown@linuxfoundation.org)  
+1 415-420-7880

- Grants
  - EU Horizon grant application submitted 10 October - topic is P2P energy sharing tool. LFE is part of a consortium led by Anto which will build the tool if the grant is awarded.
  - Ford Foundation grant application for a research paper on open source AI for energy was not awarded; we were invited to apply again in January
  - Tentatively approved for Natural Resources Canada grant to produce a report on what Canadian utilities need to do to meet the goals of the energy transition - currently going through due diligence
- Cybersecurity for energy systems white paper draft has been completed and is with the design team
  - Anticipate releasing in mid-November
- Linux Foundation annual report - Submitted content prominently highlighting LF Energy
- Developing Seeed ReCharger case study and webinar with EVerest project (jointly with LF Zephyr project which is also used in the product) - kickoff call took place 2 November
- Developing plan for engagement with standards bodies (IEC, IEEE, etc.)
- Use this [form](#) to submit any comms/marketing support requests

# Recent Media Coverage

- [TFIR - OpenSTEF: Forecasting The Load On An Energy Grid](#)
- [Power Electronics - Developments in Power Grid Operations with Linux Foundation's CoMPAS](#)
- [CodeZine \(Japan\) - エネルギー業界のデジタル化状況は？ 日本語版「2023 エネルギートランスフォーメーション準備状況」をLF Energyが公開](#)
- [TFIR - Meet Pranav Myana, The Visionary Recipient Of Shuli Goodman Memorial Fund](#)
- [TFIR - How Open Source Is Helping Fight Climate Change | Jonas van den Bogaard](#)
- [ERP Today - Linux Foundation Energy powers-up & opens wider](#)
- [EnergyPortal.eu - LF Energy Announces Recent Momentum in Decarbonization Efforts](#)
- [Renewable Energy Magazine - Linux Foundation Energy announces new software releases, research and deployments](#)
- [TechZine.eu - Open Source Summit Europe 2023: Defined structures & diversified industries](#)
- [Smart Energy International - Linux Foundation introduces significant software releases](#)
- [TFIR - Without Energy, You Don't Have Technology | Dan Brown – LF Energy](#)
- [Databricks - Databricks and Shell collaborate to simplify industrial time series data analytics on the Lakehouse](#)
- [Chinchilla Squeaks \(Podcast\) - OSS Summit Energy and Sustainability](#)
- [TFIR - LF Energy's Power Grid Model Project Tackles Complex Grid Calculations Efficiently](#)

# Events

## Recent Events

- Chris Xie Futurewei represented LF Energy and participated OSS China and [GOSIM conference](#) in China, and distributed marketing materials and explored membership opportunities in China, introduced prospective memberships during OSS EU.
- Sander Jansen of Alliander presented LF Energy at the Smart Grid Forum event in Amsterdam.
- Christophe Villemer of Savoir-Faire Linux presented the SEAPATH project to an ABB event in Finland.

## Upcoming Events

- IEEE SA Open SOSH Conference - 1-2 Nov 1-2 (Event maybe rescheduled)
  - Chris Xie to present on Open Source Microgrid and LF Energy
- Canadian Open Data Summit - 23-24 November
  - LF Research will present our recent reports
  - CDSC will present on the work that community is doing
- Enlit Europe - 28-30 November
  - RTE and Savoir-Faire Linux will exhibit and present at the event; collateral materials were provided to them to pass out
- EETimes PowerUp - 13 December
  - Anto will be presenting LF Energy generally, along with a SOGNO case study
- LF Energy Summit 2024
  - Developed preliminary budget
  - We've been offered free space by the ITU in Geneva, but only available dates are 9-13 December 2024. Thoughts on these dates for this event?
  - Aim to release a sponsor prospectus by mid-November
- FOSDEM 2024 - 3-4 Feb, Brussels
  - Energy devroom proposal has been submitted
  - Also plan to partner with LF Europe on an application to host a stand at the event
- [Event tracker](#) - please review and add any additional opportunities

# Upcoming Event CFPs

- [e-world Energy & Water - Feb 20-22, 2024 - Rolling submission deadline](#)
- [FOSS Backstage Berlin - March 4-5, 2024 - Submission deadline Nov 15](#)
- [Carbon Tracking & Reporting - March 26-27, 2024 - Rolling submission deadline](#)
- [Energy Thought Summit - April 15-18, 2024 - Rolling submission deadline](#)
- [CIREC Vienna - June 19-20, 2024 - Submission deadline Dec 8](#)
- [MOVE London - June 19-20, 2024 - Rolling submission deadline](#) (for this one, we should email [cormac.martin@terrapinn.com](mailto:cormac.martin@terrapinn.com) with speaking proposals)
- [IEEE PES General Meeting Seattle - July 21-25, 2024 - Submission due Nov 8](#)
- [The Smarter E Europe Conferences Munich \(4 co-located conferences\) - June 18-21, 2024 - Submission due Jan 10](#)

# Training Course

## Introduction to Open Source for Energy Stakeholders

- Online, self-paced course
- No cost to enroll
- Will pull from existing LF Training courses around open source introduction and best practices
- Need to build additional content specific to energy and LFE projects
- Require a primary SME to lead content development
- Volunteer committee can also assist, but a primary is required

Please share any recommendations for a primary SME with Dan.

# Ambassador Program

- Looking at standing up an Ambassador Program for 2024. Examples from other LF projects can be seen at:
  - <https://www.cncf.io/people/ambassadors/>
  - <https://openmainframeproject.org/about/ambassadors/>
- Initially target a group of 10 ambassadors
  - Potential ambassadors will submit an application to be reviewed by the TAC
- Requirements
  - Be active in at least one LF Energy project
  - Conduct at least one activity per quarter to remain an active ambassador
    - Speaking engagements, webinars, videos, blogs, etc.
- Would the TAC like to consider these applications as a whole, or appoint a subcommittee to do so?

# Closing and Next Meeting

6:15 pm - 6:20 pm

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# Next TAC Meeting

The next meeting of the LF Energy TAC is scheduled for 28 November 2023 at 8:00 am US Pacific Time/11:00 am US Eastern Time/5:00 pm Central European Time. Agenda will include:

- Annual Review - OpenLEADR [#24](#)
- Annual Review - OpenSTEF [#25](#)
- General Updates
- Marketing/PR/Events update

To add agenda items, go to <https://github.com/lf-energy/tac/issues/new/choose>.

You can review the TAC Agenda at <https://github.com/orgs/lf-energy/projects/2/views/1>



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