

# Technical Advisory Council (TAC) Meeting

27 August 2024

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# Meeting information

- Meeting to begin at 5:00 pm Central European Summer Time
- Join the meeting at the link in your calendar in [LFX Individual Dashboard](#)
- 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 - 5:20 pm - Opening and General Updates
  - TAC member updates and project review date reminders
  - General updates
  - Project Security Focus updates
  - Confluence migration
  - TAC Evolution Plan Update
- 5:20 pm - 5:40 pm - Security Audit presentation for SEAPATH
- 5:40 pm - 6:00 pm - Request for Support in Ensuring Stable Energy Supply in Lviv
- 6:00 pm - 6:20 pm - Battery Data Alliance Review
- 6:20 pm - 6:25 pm - Marketing/PR/Events updates
- 6:25 pm - 6:30 pm - Closing and Next Meeting

# Opening and General Updates

5:00 pm - 5:20 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  
Google LLC



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



**Bryce Bartmann**  
Chief Digital  
Technology Advisor  
Shell International  
Exploration &  
Production, Inc.



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



**Maarten Mulder**  
PO Field Device  
Platforms  
Alliander



**Travis Sikes**  
Senior Data  
Scientist  
Recurve



**Yixing Xu**  
Microsoft  
Corporation

# LF Energy Hosted Project Leads

Project	Project Lead(s)
<b>PowSyBI</b>	Anne Tilloy, RTE
<b>OperatorFabric</b>	Frederic DIDIER, RTE
<b>OpenEEmeter</b>	Travis Sikes, Recurve
<b>GXF</b>	Maarten Mulder, Alliander
<b>SOGNO</b>	Antonello Monti, RWTH Aachen University (TAC Representative) & Fito Galeano, RWTH Aachen University
<b>CoMPAS</b>	Pascal Wilbrink Alliander & Sander Jansen, Alliander (TAC Representative)
<b>FledgePOWER</b>	Akli Rahmoun, RTE
<b>Hyphae</b>	Asimena Korompili, RWTH Aachen University
<b>openLEADR</b>	Stan Janssen, OpenADR
<b>SEAPATH</b>	Éloi Bail, Savoir-faire Linux
<b>Grid Capacity Map</b>	Harald Klomp, Vattenfall
<b>Shapeshifter</b>	Robben Riksen, Alliander
<b>OpenSTEF</b>	Frank Kreuwel, Alliander

Project	Project Lead(s)
<b>EVerest</b>	Marco Möller, PIONIX
<b>OpenGEH</b>	Nicolas Bernhardt, Energet
<b>FlexMeasures</b>	Nicolas Höning, Seita Energy Flexibility B.V.
<b>Arras</b>	David Chassin, SLAC
<b>Dynawo</b>	Marco Chiaramello, Benoît Jeanson, RTE
<b>OpenFIDO</b>	David Chassin, SLAC
<b>Power Grid Model</b>	Tony Xiang, Alliander
<b>Real Time Data Ingestion Platform (RTDIP)</b>	Bryce Bartmann, Shell
<b>Battery Data Alliance</b>	Gabe Hege, AMPLabs
<b>GRIP (Grid Resilience and Intelligence Platform)</b>	Alyona Teybar, MASc

# Project & Working Group Leads

Project	Project Lead(s)
CitrineOS	Thana Paris, S44
covXtreme	Sachin Bhakar, Shell
Synthetic Energy Data	Gus Chadney, Centre for Net Zero
OpenSCD	Sander Jansen, Alliander
NODE Collective	DeAndrea Salvador
InterConnect SIF (Semantic Interoperability Framework)	Milenko Tomic, VizLore Labs
OneNet Framework	

Working Group	Work Group Lead(s)
AI Working Group	Alexandre Pariost, The Linux Foundation
Archimate Working Group	Jonas van den Bogaard, Alliander
DSAS (Digital Substation Automation Systems)	TBD
ORES (Open Renewable Energy Systems)	Chris Xie, Futurewei



# Project Review Cycle

2024 Reviews				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
Battery Data Alliance	Incubation	September 5, 2023		August 27, 2024
GXF	Early Adoption	February 4, 2020	September 26, 2023	September 17, 2024
Grid Capacity Map	Incubation	April 27, 2021	October 17, 2023	October 8, 2024
OpenEEmeter	Incubation	June 4, 2019	October 17, 2023	October 8, 2024
OpenSTEF	Incubation	September 21, 2021	October 25, 2022	October 29, 2024
FlexMeasures	Incubation	November 2, 2021	November 28, 2023	November 19, 2024
PowSyBI	Early Adoption	April 30, 2019	November 28, 2023	October 29, 2024
CitrineOS	Sandbox	November 28, 2023		November 19, 2024

2024 Reviews				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
SEAPATH	Early Adoption	October 6, 2020	December 19, 2023	December 10, 2024
covXtreme	Sandbox	December 19, 2023		December 10, 2024
OpenLEADR	Incubation	September 15, 2020	December 6, 2022	TBD
OpenGEH	Sandbox	October 12, 2021	October 4, 2022	TBD

Working Groups				
Group	Current Level	Initially Accepted	Last Review Date	Next Review Date
Archimate Working Group	Active	October 4, 2022	November 28, 2023	October 29, 2024
AI Working Group	Working Group	January 25, 2022		TBD
ORES (Open Renewal Energy Systems)	Working Group	March 12, 2024		March 25, 2025
Digital Substation Automation Systems (DSAS)	Working Group	April 2, 2024		April 15, 2025

# Project Review Cycle

2025 Reviews				
Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
Everest	Early Adoption	October 12, 2021	January 9, 2024	January 7, 2025
Synthetic Energy Data	Sandbox	January 9, 2024		January 7, 2025
OpenSynth	Sandbox	January 9, 2024		January 7, 2025
Dynawo	Sandbox	December 6, 2022	January 30, 2024	January 21, 2025
OpenFIDO	Sandbox	January 17, 2023	January 30, 2024	January 21, 2025
RTDIP	Sandbox	October 25, 2022	January 9, 2024	January 28, 2025
OpenSCD	Sandbox	January 25, 2024		January 28, 2025
Hyphae	Incubation	December 8, 2020	February 20, 2024	February 11, 2025
Power Grid Model	Sandbox	February 7, 2023	February 20, 2024	February 11, 2025
SOGNO	Early Adoption	October 27, 2020	March 21, 2023	March 25, 2025
NODE Collective	Sandbox	April 2, 2024		March 25, 2025
InterConnect SIF (Semantic Interoperability Framework)	Sandbox			April 15, 2025
Shapeshifter	Incubation	April 6, 2021	May 14, 2024	May 6, 2025
OneNet Framework	Incubation	May 14, 2024		May 6, 2025
OpenGEH	Sandbox	October 12, 2021	June 4, 2024	May 27, 2025
FledgePOWER	Incubation	February 11, 2021	June 4, 2024	May 27, 2025
CoMPAS	Incubation	May 5, 2020	June 25, 2024	June 17, 2025
OperatorFabric	Early Adoption	April 30, 2019	July 16, 2024	July 8, 2025
Arras	Sandbox	July 12, 2022	July 16, 2024	July 8, 2025

# Projects in LF Onboarding

- [Scope3E](#)
- [GridCal](#)

# TAC Evolution Plan update

- All new projects will go through new onboarding process
  - Main change - LF onboarding before presentation to the TAC
- Migrating from [wiki.lfenergy.org](https://wiki.lfenergy.org) to [tac.lfenergy.org](https://tac.lfenergy.org) for TAC materials
- Kicking off SIGs
  - EV Charging - [next meeting Aug 28th](#)
  - Grid Simulation and Modeling - [next meeting on Sept 4th at LF Energy Summit/remote](#)
  - Grid Operations - kickoff meeting held Aug 21st, [next meeting Sept 18th](#).
    - Plan to move GXF annual review to that meeting
  - DSAS - Kickoff planned at LF Energy Summit
  - Data Standards and Tooling - [kickoff Sept 12th](#)
- All SIG meetings are on the [public calendar at sigcalendar.lfenergy.org](https://sigcalendar.lfenergy.org).

# LF Energy Projects

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## SIG - Digital Substations (3)



## SIG - EV Charging (2)



## SIG - Grid Operations (8)



## SIG - Grid Simulation and Modeling (8)



## SIG - Data Standards and Tooling (6)



# Insights from initial SIG launches

- Generally solid first 12 month goals ( see next slide )
  - TAC should develop top level goals for all SIGs to compliment.
- Model of Chair/Vice Chair generally being embraced.
  - Each term one year, Vice Chair becomes next Chair, new Vice Chair elected
- Review of annual review structure to ensure SIGs are executing on these consistently.
- TAC needs to review liaison assignments relative to participation.
- Guidance needed on what voting representation is
  - SIG meetings are open to all, just like TSC/TAC meetings.
  - Project leads only? Can others be nominated?
  - Only really matters for Chairperson / Vice Chair roles and any project lifecycle change recommendations to the TAC.

**RECOMMENDATION: Working session in a future TAC meeting**

# 12 month goals for SIGS ( all DRAFT )

## **EV Charging SIG**

1. Identify other potential existing groups and projects to bring in.
2. Identify gaps in immediate relevant EV topics not covered by existing projects.
3. Finding areas of collaboration between SIG members that could be improved.
4. Be an exemplar to other SIGs on how to be an effective SIG.

## **Grid Simulation and Model SIG**

1. Identify other potential existing groups and projects to bring in.
2. Identify gaps in immediate relevant Grid Operations topics not covered by existing projects.
3. Identifying external groups/organizations/activities that align with this SIG, and seeing how to make connections and coordinate with them.
4. Collaboration with standards bodies on downstream implementations; both helping implement standards in projects but also upstream use-cases to standards bodies to improve the given standard.
5. Help projects get feedback on the suitability of their projects within DSOs/TSOs

## **Grid Operations SIG**

1. Getting an overview of how the projects in the SIG relate to one another.
2. Ensure the right projects are aligned with this SIG.
3. Identify missing projects that should work together
4. Identify areas where projects could work better together.
5. Establish what is in-scope and out-of-scope of this SIG.
6. See how projects could offer a blueprint or reference implementation that pulls together multiple projects that would be relevant to end-users.
7. Determine how to be most effective in working as a SIG.
8. Cross-project feedback of documentation for each project ( user docs, Archimate, roadmap, etc )

# Project Security Focus updates

- Ensure all projects up to date with OpenSSF Best Practices Badge per their maturity level
- Implement OpenSSF Scorecard for all projects to measure security posture.
- Review license scans and remedy open issues
- Security Audits for all 'Early Adoption' stage projects



## Early Adoption Projects

Must have a badge at the **silver** level.



openssf best practices **silver**



openssf best practices **silver**



openssf best practices **passing**



openssf best practices **silver**



openssf best practices **silver**



openssf best practices **in progress 73%**

## Incubation Projects

Must have a badge at the **passing** level.



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 **passing**



openssf best practices **passing**

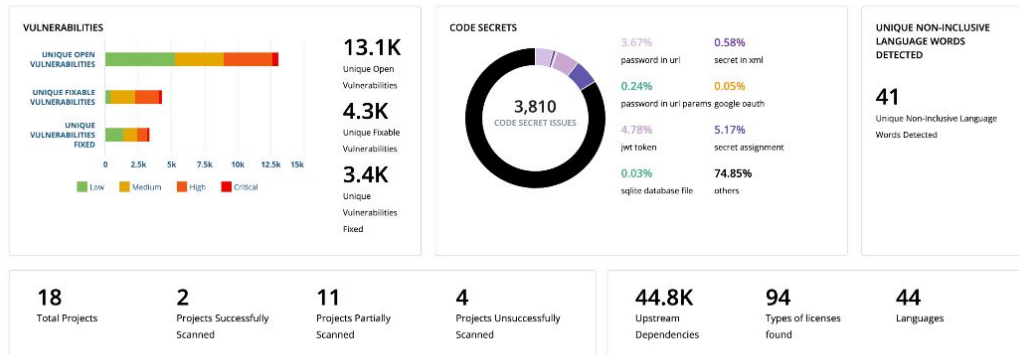


openssf best practices **passing**

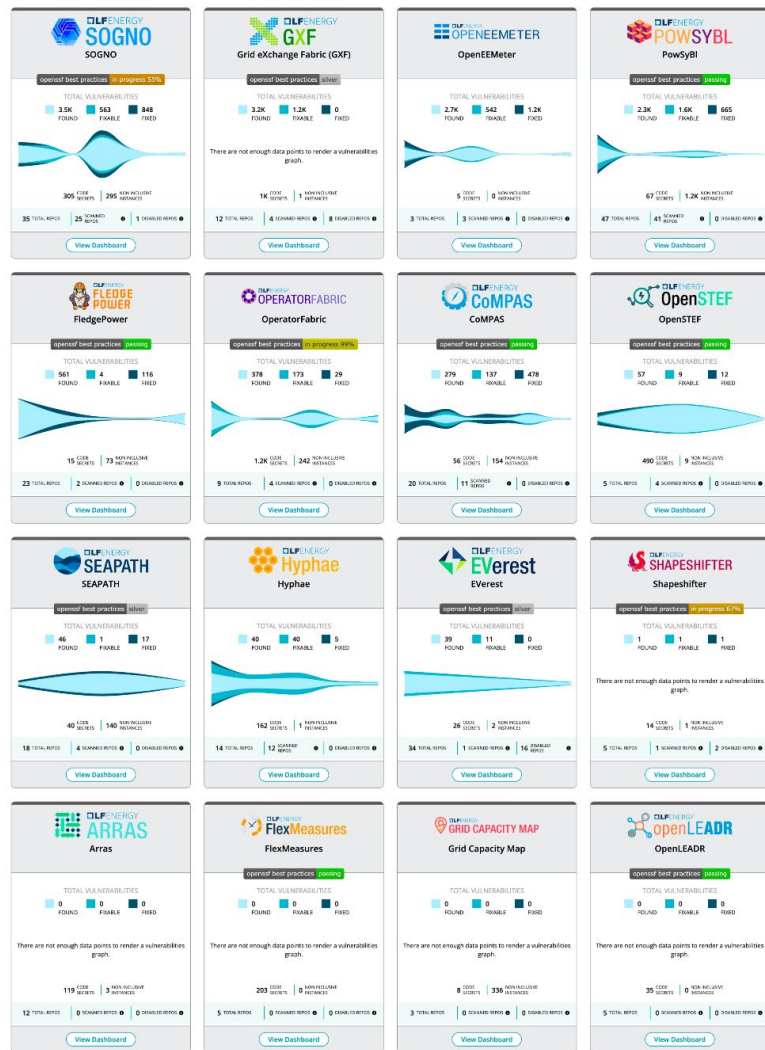
Current OpenSSF Best Practices Badge status ( 3 projects out of compliance )

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

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



**ACTION: John to review and debug issues.**



All current projects accepted before 12/1 had license scans done at the end of December

## ACTION: Review latest license scans sent from Jeff Shapiro and address open issues

JS

Jeff Shapiro <jshapiro@linuxfoundation.org>  
LF Energy - SEAPATH License Scan and Findings - Dec 2023  
To: SEAPATH-TSC <SEAPATH-TSC@lists.lfenergy.org> Cc: & 1 more

Details

Hi Team,

Here are the results from the December 2023 license scan of the SEAPATH project. The scan was performed using the Linux Foundation Fossology server. Licenses and copyrights were examined.

The key findings (if any) and license summary can be found in the HTML report, the list of files in the spreadsheet, and also find the SPDX file listed below:  
NOTE: I recommend that SPDX license identifiers be added to ALL source file headers. [see <https://spdx.dev/learn/handling-license-info> for examples]  
NOTE: There are high priority key findings, please address these as soon as possible:

Finding #1  
Priority: High  
These files have an Apache-2.0 notice, but they also contain a comment indicating that they contain code from a third-party GPL v2 project.  
The GPL v2 license is generally understood as prohibiting GPL v2 code from being incorporated into another work under a different license. The GPL v2 code from the upstream project should likely be removed and rewritten without using that project's code.  
4 files

Finding #2  
Priority: High  
These files indicate that they contain content (or refer to a 3rd party dependency) under a version of the LGPL, typically seen as a weak copyleft license. Although LGPL content can be used in compatible ways with Apache-2.0 projects, its code should not be intermingled with code that needs to remain Apache-2.0, and it imposes some requirements that users of an Apache-2.0 project may not expect. The project may want to remove these files and replace them with permissively-licensed alternatives if that is feasible.  
4 files

Finding #3  
Priority: High  
These recipes appear to contain some patches and code files that are under GPL-2.0, a strong copyleft license which is typically seen as incompatible with Apache-2.0 in many instances.  
This may be okay, to the extent that the recipe is patching a GPL-2.0 project. However, for the patches / files that are GPL-2.0, will these be interacting with the project's Apache-2.0 code?  
14 files

Finding #4  
Priority: High  
These files are under a GPL license which may conflict with your project license, especially if they are source code that is integrated with other code. Unless they are 100% separate and stand-alone, they need to be removed from your repo.  
12 files

REPORTS:

lfenergy/seapath, code pulled 2023-12-23  
- report: <https://lfscanning.org/reports/lfenergy/seapath-2023-12-23-1eed5565-a64d-4d91-a21f-645536f1a512.html>  
- xlsx: <https://lfscanning.org/reports/lfenergy/seapath-2023-12-23-1eed5565-a64d-4d91-a21f-645536f1a512.xlsx>  
- spdx: <https://github.com/lfscanning/spdx-lfenergy/tree/master/seapath/2023-12/seapath-2023-12-23.spdx>

Please feel free to contact me with any questions about the scan results. Be sure to reply to me directly as I may not get an email sent directly to the distribution list.

Thanks, Jeff

## Security Audits through Open Source Technology Improvement Fund.

Priority Focus for 'Early Adoption' projects

In progress:

- SEAPATH - complete!
- OperatorFabric - finishing remediations
- PowSyBL - holding till Q4
- EVerest - holding till Q4

TODO:

- GXF
- 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.

# Other updates

- LFX Meeting Management Transition - 16 projects transition, 4 to go ([#39](#))
  - FledgePOWER
  - Grid Capacity Map
  - Grid eXchange Fabric
  - OpenEEmeter
  - Will start transitioning off previous lists.lfenergy.org calendar after LF Energy Summit.
- Add 'lfeoperations' as owner on PyPi accounts ( [#172](#) )

# Security Audit presentation for SEAPATH

5:20 pm - 5:40 pm

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# Support in Ensuring Stable Energy Supply in Lviv

5:40 pm - 6:00 pm

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# Battery Data Alliance Annual Review

6:00 pm - 6:20 pm

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# Annual Review for Battery Data Alliance

Sustainable open source software and best practices for the battery industry

Presented by: Gabe Hege



**Design:** One key challenge arises from the lack of open source battery data and a standardized method to access existing datasets. As a result, companies often find themselves engaged in redundant efforts concerning data collection and conversion.

**Testing:** Many companies manually configure their testing equipment. There is a gap in the market between available testing standards and the actual execution of tests.

**Manufacturing:** Variations in battery data structures across manufacturers lead to unnecessary complexities in schema design and data conversion leading to inefficiencies and barriers for collaboration.

**Telemetry:** The area of battery telemetry remains largely unexplored from an open-source perspective. There is untapped potential for development and growth in this area.

Learn more at

<https://lfenergy.org/projects/battery-data-alliance/>

Contributions by



# Incubation Project review criteria

To be considered for the Incubation Stage, the project must meet the following requirements:

- Have an open and documented technical governance, including:
  - ~~A LICENSE file in every code repository, with the license chosen an [OSI approved license](#).~~
  - ~~A README file welcoming new community members to the project and explaining why the project is useful and how to get started.~~
  - ~~A CONTRIBUTING file explaining to other developers and your community of users how to contribute to the project. The file should explain what types of contributions are needed and how the process works.~~
  - A CODEOWNERS or COMMITTERS file to define individuals or teams that are responsible for code in a repository; document current project owners and current and emeritus committers. (In Progress)
  - ~~A CODE\_OF\_CONDUCT file that sets the ground rules for participants' behavior associated and helps to facilitate a friendly, welcoming environment. By default projects should leverage the [Linux Foundation Code of Conduct](#) unless an alternate Code of Conduct is approved prior.~~
  - A RELEASE file that provides documentation on the release methodology, cadence, criteria, etc.
  - A GOVERNANCE file that documents the project's technical governance.
  - A SUPPORT file to let users and developers know about ways to get help with your project.
- ~~Complete and approve the Technical Charter and agree to transfer any relevant trademarks to The Linux Foundation or its affiliate, LF Projects, LLC, and to assist in filing for any relevant unregistered ones.~~

# Incubation Project review criteria ( continued )

- Have achieved and maintained an [OpenSSF Best Practices Badge](#) at the '[Passing](#)' level.
- ~~Have had a successful license scan with any critical issues remedied.~~
- ~~Have a defined project mission and scope~~
- The project's functional architecture is built out in the [LF Energy ArchiMate tool](#).
- An overview of the project's architecture and features defined.
- The project roadmap defined, which should address the following questions. (in progress)
  - What use cases are possible now?
  - What does the next year look like in terms of additional features and use cases covered?
- Community and contributor growth assessment
  - ~~The current number of contributors and committers, and the number of different organizations contributing to the project.~~
  - Demonstrate a sustained flow of commits / merged contributions
  - A credible plan for developing a thriving user community, in particular expanding the number of committers and contributors?
  - An outline of the plan for the project to complete the requirements for the Early Adoption stage
- Receive the affirmative majority vote of the TAC.

# Contributions

3 Donated Repositories, 1 more in progress  
38 Stars  
6 Contributors

**BattDB (from BattGenie)**

**BattETL(in progress from BattGenie)**

**pyadmiral – Wrapper to Control Admiral Squidstat**

**pyctiarbin - Controls Arbin Cyclers (donated by BattGenie)**

**pymacnet - Controls MACCOR Cyclers (donated by BattGenie)**

**BDAOntology - Integration with BattInfo - Battery Ontology**

Setup BDA on LFX Insights – In Progress ([Support](#))

Organizations contributing and/or using in production



**AmpLabs**



**SINTEF**

**M.A.P.L.E. Lab**

Modeling, Analysis and Process control Laboratory  
for Electrochemical systems



# Instructions (REMOVE SLIDE IN FINAL)

Please use this deck in preparation for your project's annual review. Depending upon your project's stage, the review will have different points.

Incubation project:

- Review of progress towards Early Adoption Stage

Early Adoption project:

- Review of progress towards Graduated Stage

Graduated project:

- Review of project maintaining positive growth and adoption

Please use the appropriate section in this deck for building the review deck. Add additional slides for addressing specific review points.

Each project has 20 minutes for both their presentation and Q/A, so plan your presentation accordingly.

# ArchiMate Architecture Diagram

Pull diagram from <https://github.com/lfenergyarchitecturemodel>



# Key Achievements in the past year

Admiral donated test unit to help support battery-data-interface development

M.A.P.L.E Lab donated lab space to house test unit and support volunteer access.



**M.A.P.L.E. Lab** Modeling, Analysis and Process control Laboratory  
for Electrochemical systems



Exciting News in Battery Technology!

We are thrilled to announce that Admiral Instruments, a leading expert in precision electrochemical measurement equipment, has made a significant contribution to the Battery Data Alliance—an initiative under LF Energy dedicated to advancing the energy storage industry.

Admiral Instruments has generously provided their state-of-the-art Squidstat Cyclier, a groundbreaking battery testing technology, to support our mission within the Battery Data Alliance. This contribution aligns perfectly with our commitment to driving innovation within the energy storage sector.

The Squidstat Cyclier offers precise and comprehensive data collection capabilities, enabling researchers and engineers to gain deeper insights into battery performance and durability. With this advanced equipment, we are one step closer to creating a more sustainable and efficient energy future.

We want to express my gratitude to Admiral Instruments for their dedication to advancing battery technology. Together, we are fostering collaboration and sharing critical battery data insights that will shape the future of energy storage solutions.

To learn more about Admiral Instruments and the Squidstat Cyclier, visit [\[https://lnkd.in/dqf2vUdM\]](https://lnkd.in/dqf2vUdM).

For details about the Battery Data Alliance, visit [\[https://lnkd.in/dtk4AAzy\]](https://lnkd.in/dtk4AAzy). To ask questions about the Squidstat cyclers, please use the Battery Data Alliance Discourse here: [\[https://lnkd.in/dG5wpg3v\]](https://lnkd.in/dG5wpg3v)

Let's continue working together to power a greener, more sustainable world!

[#BatteryTechnology](#) [#EnergyStorage](#) [#Innovation](#) [#Sustainability](#) [#Battery](#)  
Teddy Szemberg O'Connor and 28 others 2 comments · 7 reposts

# Key Achievements in the past year

BattGenie donated 3 Software Repos including pyctiarbin, pymacnet, BattDB with BattETL on the way.

The logo for BattGenie, featuring the word "Batt" in dark blue and "Genie" in teal, with a small lightning bolt icon integrated into the "t" of "Batt".

**BattGenie.**

# Key Achievements in the past year

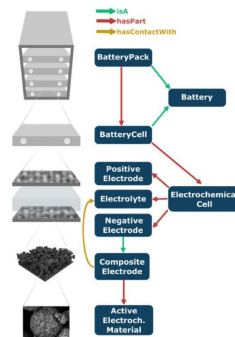
- Alignment with SINTEF Battery Ontology Work
- BattINFO Battery Ontology
- Linked Data Primer ([slides](#))
- **Takeaway:** If we can map each cyclier format to the ontology, we will inherit the value of 'conversion'



## How to link data

### 2. Use open, controlled vocabularies

**BattINFO:** a machine-readable description of concepts in batteries and electrochemistry.



Concepts are organized as a network:

**Nodes:** Battery Concepts

**Edges:** relations among concepts

Provides:

- The vocabulary to index battery data
- The connections representing battery knowledge

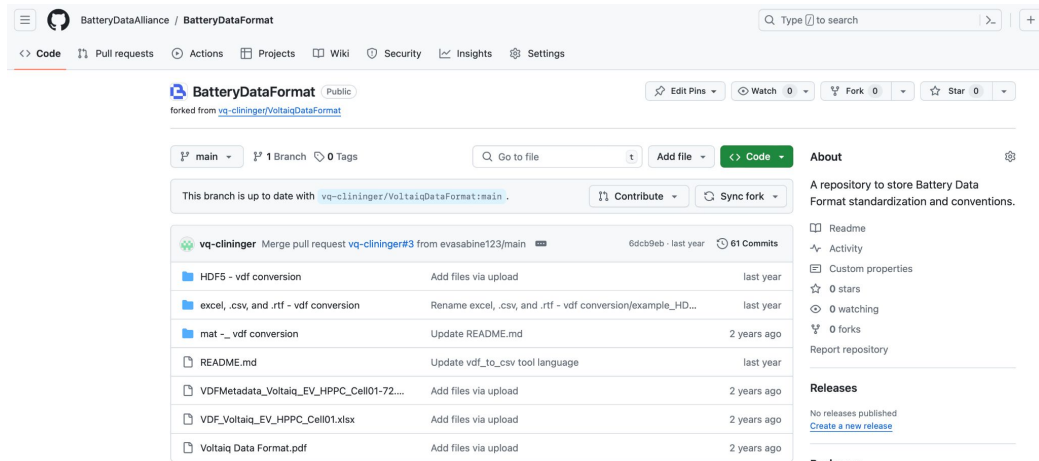
# Key Achievements in the past year

Alignment from Voltaiq to leverage VDF as basis for Battery Data Format

Forked from Voltaiq Data Format (MIT License)

BDA can use this format if one is needed as reference for industry use cases

Propose changes upstream



# Areas the project could use help on

How to encourage Software Engineers to participate?

Still looking for large corporate sponsor to support and anchor the effort

# Feedback on working with LF Energy

Thank you for the support as we get Battery Data Alliance off the ground

# Marketing/PR/Events Updates

6:20 pm - 6:25 pm

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# Marketing and PR Updates

- Webinars
  - [CDSC webinar](#) took place 20 June
  - [Digital substation automation webinar](#) took place 25 July
  - [CitrineOS webinar](#) scheduled for 26 September (originally 28 Aug but postponed)
- Content
  - [Open source for vertical industries white paper](#) published
  - [RTE/FledgePOWER case study](#) published
- [LF Energy Summit 2024](#) - 5-6 Sept, Marriott Grand Place Brussels
  - 224 registrations as of 26 August - for reference, we had 151 in person in Paris in 2023
  - [View the agenda](#)
  - General foundation/project momentum press release planned for the event
- [Event tracker](#) - please review and add any additional opportunities
- Use this [form](#) to submit any comms/marketing support requests



# Upcoming Event CFPs

## North America

- [EPRI AI and Digital Transformation Electric Power Summit - January 7-9, 2025 - Submission deadline September 6](#)
- [ARPA-E Energy Innovation Summit](#) - March 17-19, 2025 - Washington, DC - Rolling submission deadline - email [speakinginquiry@eventpowersupport.com](mailto:speakinginquiry@eventpowersupport.com) to apply to speak
- [IEEE Conference on Technologies for Sustainability \(SusTech 2025\) - April 20-23, 2025 - Los Angeles - Submission deadline November 1](#)
- [Energy Thought Summit - May 19-22, 2025 - San Antonio, TX - Rolling submission deadline](#)

## Europe

- [Climate Tech Show - November 27-28, 2024, London - Rolling submission deadline](#)
- [e-world Energy & Water - February 11-13, 2025 - Essen, Germany - Submission deadline September 10](#)
- [Energy Tech Summit - April 9-10, 2025 - Bilbao, Spain - Submission deadline September 30](#)
- [CIRED - June 16-19, 2025 - Geneva - Submission deadline September 13](#)
- [MOVE - June 18-19, 2025 - London - Rolling submission deadline](#)

# Closing and Next Meeting

6:25 pm - 6:30 pm

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# Next TAC Meeting

The next meeting of the LF Energy TAC is scheduled for 17 September 2024 at 8:00 am US Pacific Time/11:00 am US Eastern Time/5:00 pm Central European Time. Agenda will include:

- General Updates
- AI SIG Annual Review
- 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>

# APPENDIX

Marketing and PR Updates

# Recent Media Coverage

- [TFIR - Hydro-Québec joins LF Energy](#)
- [TFIR - Code quality and security are crucial for open source projects | Nico Rikken, Alliander](#)
- [TFIR - Open source foundations to accelerate the energy transition | Alex Thornton – LF Energy](#)
- [TFIR - LF Energy's SEAPATH project aims to drive the next generation of energy management](#)
- [TFIR - What are the unique challenges in the energy sector?](#)
- [EnergyCentral - How French Transmission System Operator, RTE, Leverages Open Source to Build Next-Gen Substation Monitoring and Controls](#)
- [TFIR - LF Energy's role to accelerate decarbonization in the energy sector](#)
- [EC&M - Open-Source Platform EVerest to Advance Electric Vehicle Charging Interoperability](#)
- [Electronic Design - This Week in PowerBites: Open-Source EV Charging, Solid-State Circuit Protection](#)
- [TFIR - Open source drives technical transformation of vertical industries: Linux Foundation Report](#)
- [Solar Builder - Solving public EV charging issues with open-source software](#)
- [TFIR - LF Energy's role in global decarbonization and grid standardization](#)
- [Electronic Design - Open-Source EV Charging: Linux-Based Platform Simplifies Interoperability](#)
- [TFIR - United States is ready to tackle Climate Crisis with the help of Open Source | Boris Dolley](#)



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