TAC Meeting

25 October 2022

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Agenda

Opening (10 Minutes)

- **Landscape updates**
- **TAC Sponsors for projects**
- **Summary of last TAC meeting**

TAC Business (75 Minutes)

- Real Time Data Ingestion Platform Proposal
- OpenSTEF Annual Review
- Marketing for Projects

Closing and Next Meeting (5 Minutes)

TAC Voting Members

New members in **bold**

Full Name	Account Name	Appointed By
Boris DOLLEY	RTE (Reseau de Transport dElectricite)	Vote of TSC Committee - OperatorFabric
Anne Tilloy	RTE (Reseau de Transport dElectricite)	Vote of TSC Committee - PowSyBl
Carmen Best	Recurve	Vote of TSC Committee - OpenEEmeter
Jonas van den Bogaard	Alliander	Membership Entitlement
Maarten Mulder	Alliander	Vote of TSC Committee - GXF
Benoît Jeanson	RTE (Reseau de Transport dElectricite)	Membership Entitlement
Antonello Monti	RWTH Aachen University	Vote of TSC Committee - SOGNO
Art Pope	Google	Membership Entitlement
Avi Allison	Microsoft	Membership Entitlement
Bryce Bartmann	**Shell**	**Membership Entitlement**

LF Energy Hosted Project and Working Group Leads

Changes in **bold**

Project	Project Lead(s)
PowSyBl	Anne Tilloy, RTE
OperatorFabric	Boris Dolley, RTE
OpenEEmeter	Carmen Best, Recurve
GXF	Maarten Mulder, Alliander
SOGNO	Antonello Monti, RWTH Aachen University
CoMPAS	Frederic Fouseret, RTE & Sander Jansen, Alliander (TAC Representative)
FledgePOWER	Akli Rahmoun, RTE
Hyphae	Asimenia Korompili, RWTH Aachen University
openLEADR	Lonneke Driessen & Stan Janssen, OpenADR
SEAPATH	**Aurelien Watare, RTE**
Grid Capacity Map	Per Lysemose Hansen, Energinet
Shapeshifter	Jelle Wijnja, Alliander
OpenSTEF	Frank Kreuwel, Alliander
EVerest	Marco Möller, PIONIX
OpenGEH	Per Lysemose Hansen, Energinet
FlexMeasures	Nicolas Höning, Seita Energy Flexibility B.V.
OCPP Cloud Connector	Rebecca Wolkoff, Chargenet
GridLab-D	David Chassin, SLAC
Full Architecture WG (FAWG)	Benoît Jeanson, RTE
Carbon Data Specification Consortium (CDSC)	TBD

Landscape now with more project info!

We are using the LF Energy Landscape to showcase more project information:

- Mailing List/Slack Channel
- LFX Insights
- SBOM
- Wiki
- TSC Meeting Notes
- Calendar
- Contribution Guidelines

ACTION: Project leads please review your entry and ensure it is accurate; issue PR for any changes needed.

	more... total: 52		
Crunchbase	crunchbase.com/organization/lf-energy		
LinkedIn	linkedin.com/company/lf-energy		
Twitter	@LFE_Foundation	Latest Tweet	this week
First Commit	5 years ago	Latest Commit	3 weeks ago
Contributors	35	Headcount	1-10
Headquarters	San Francisco, California		
Mailing List	https://lists.lfenergy.org/g/sogno-discussion		
Slack Channel	#sogno		
LFX Insights	https://insights.lfx.linuxfoundation.org/projects/lfenergy%2Fsogno		
Wiki Page	https://wiki.lfenergy.org/display/HOME/SOGNO		
SBOM	https://github.com/lfscanning/spdx-lfenergy/tree/main/sogno		
TSC Meeting Notes	https://github.com/sogno-platform/tsc/tree/master/tsc/meetings		
Calendar	https://lists.lfenergy.org/g/sogno-tsc/calendar		
Contribution Guidelines	https://github.com/sogno-platform/tsc/blob/master/CONTRIBUTING.md		

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."

ASK: Volunteer to be a TAC sponsor for a project

Project	Current Level	TAC Sponsor
CoMPAS	Incubation	
Carbon Data Specification Consortium	Standards	
EVerest	Incubation	
FledgePOWER	Incubation	Benoît Jeanson
FlexMeasures	Incubation	
Full Architecture Working Group (FAWG)	Working Group	
Grid Capacity Map	Incubation	
GridLab-D	Sandbox	Antonello Monti
GXF	Early Adoption	Jonas van den Bogaard
Hyphae	Incubation	Antonello Monti
OCPP Cloud Connector	Sandbox	
OpenEEmeter	Incubation	Carmen Best
OpenGEH	Incubation	
OpenLEADR	Incubation	
OpenSTEF	Incubation	Jonas van den Bogaard
OperatorFabric	Early Adoption	Boris Dolley
PowSyBl	Early Adoption	Anne Tilloy
SEAPATH	Incubation	Benoît Jeanson
Shapeshifter	Incubation	Jonas van den Bogaard
SOGNO	Early Adoption	Antonello Monti

Interest in Energy DevRoom at FOSDEM

Nico Rikken and Boris Dolley amongst others have been having a conversation on hosting an Energy DevRoom. If you are interested, please contact them and/or join #fosdem2023 on LFE Slack.

Move from Slack to Discord?

We are seeing a number of our project communities move from Slack to Discord, as it scales better with communities.

Key differences between both tools include:

- Free tier on Discord has no message history limit, Slack is 10,000 messages
- Discord is more “open” for people to join by default, Slack requires inviter service

DISCUSSION: Should LF Energy consider moving from Slack to Discord?

Summary of Last TAC Meeting

- Meeting notes and deck at https://wiki.lfenergy.org/display/HOME/Technical+Advisory+Council#TechnicalAdvisoryCouncil-MeetingMinutes

Updates from the Board

Agenda

Opening (10 Minutes)

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TAC Business (75 Minutes)

- **Real Time Data Ingestion Platform Proposal**
- **OpenSTEFAnnual Review**
- **Marketing for Projects**

Closing and Next Meeting (5 Minutes)

Real Time Data Ingestion Platform Proposal

OpenSTEF Annual Review

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 ⅔ 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 Kreuwel – frank.kreuwel@alliander.com

TSC Members and Affiliations:

Jan Maarten van Doorn - Alliander

Jonas van den Bogaard - Alliander

David Swinkels - Eneco

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]

Mailing lists: -

CII Badge URL: 

Contributions

Add/Update project on LFX - OpenSTEF #10

Closed FrankKr opened this issue on 10 Dec 2021 · 1 comment

FrankKr commented on 10 Dec 2021

Please add the project OpenSTEF to the LFX.

Thank you!

Add tasklist

jmertic commented on 18 Mar

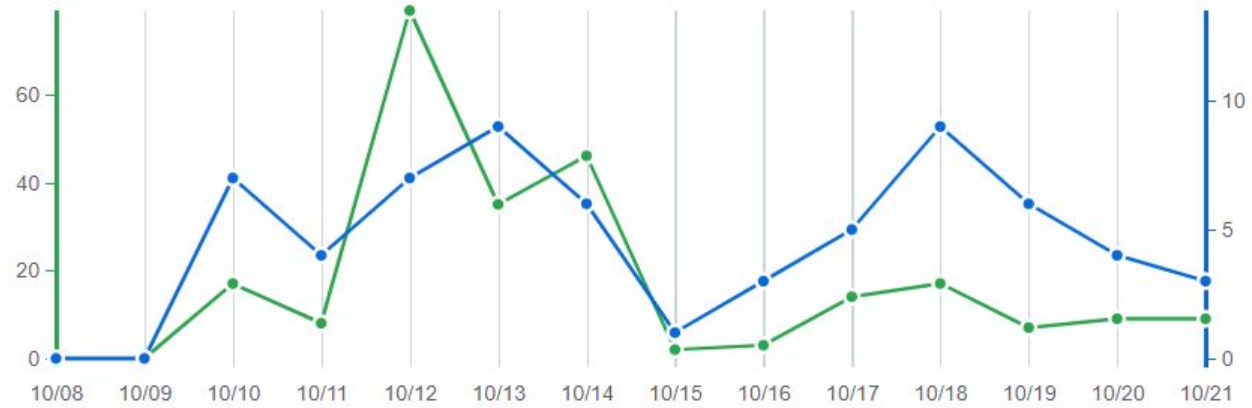
This is in queue, but we are blocked on adding new projects until June. Closing for now.

Fork 10 Starred 28

Popular content

Content	Views	Unique visitors
OpenSTEF/openstef: Automated M...	66	37
openstef/openstef at main	21	7

Visitors



246 Views 46 Unique visitors

LF AI & DATA

Organizations contributing and/or using in production

- Alliander

- RTE

- (Sogno)

Growth plan

- Increasing contributions from existing collaborators and interested parties.

-> Go-live at RTE
-> Knowledge sharing sessions at Enexis / Stedin
-> Project proposal with TenneT

- Improving ‘getting started’ and ‘architecture’ guides.

Growth plan

2022-05-16 TSC 06

Created by Frank Kreuwel, last modified on Jul 11, 2022

Attendees:

Jonas, Jan Maarten, David, Maxime, Frederik, Frank

2min	Promoting/outreach OpenSTEF	Frank/Jonas	Interview published: 
	Next Steps Promotion/Outreach	Jonas	Jonas: We could consider making another project interview but deepdive into a specific topic or organize a webinar (more technical how-to-use). Maxime: OpenSTEF is as-of-yet not easy to see how you can use it. Would be helpful if there is more documentation and getting-started. As an example; pyDeps can provide an overview of how different components interact. Frederik: If I would be working at another DSO and be asked to check-put OpenSTEF, I would prefer code/guide/examples more than a movie. We already have the openstef-offline-examples, perhaps we can have a look how we can improve those Maxime: For example you have different definitions (task, pipeline, model, modelspecs, predictionjob, ...) a page with a clear overview of those aspects would be helpful. Also data models and flow and reference implementation database-schema's. There was some picture in the past, but can't find it anymore. We have documentation at our internal wiki, but not at github.com/openstef. Let's see what we should move to there (and update it) → Lets focus on the getting-started guides and conceptual documentation. Interview/movie after that.

2022-09-05 TSC 10

Created by Frank Kreuwel, last modified on Sep 07, 2022

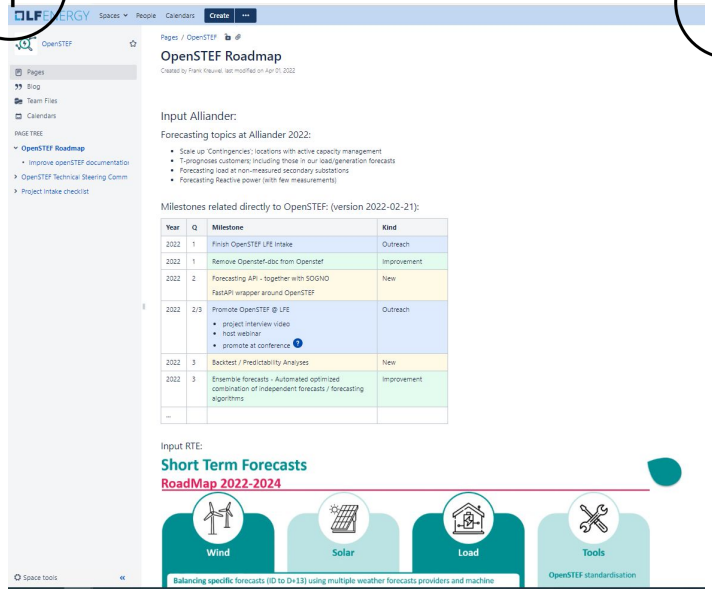
Attendees:

Jonas, Maxime, Jan Maarten, Frank

Improved Architectural Docs	Frank	Improvements by David: Welcome to the documentation of OpenSTEF! — OpenSTEF documentation Plan for next steps: Improve openSTEF documentation

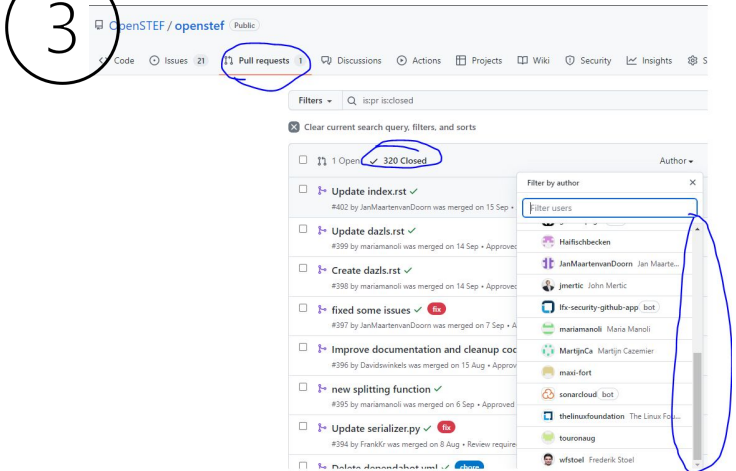
Key Achievements in the past year

1



2

3



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

LF AI & DATA

Project Review Cycle

Project	Current Level	Initially Accepted	Last Review Date	Next Review Date
~~***OpenSTEF***~~	~~***Incubation***~~	~~***September 21, 2021***~~		~~***October 25, 2022***~~
SEAPATH	*Incubation*	*October 6, 2020*	*November 23, 2021*	*Rescheduling*
FlexMeasures	Incubation	November 2, 2021		November 15, 2022
PowSyBl	Early Adoption	April 30, 2019	August 31, 2021	November 15, 2022
EVerest	Incubation	October 12, 2021		December 6, 2022
OpenLEADR	Incubation	September 15, 2020	November 23, 2021	December 6, 2022
Hyphae	Incubation	December 8, 2020	December 14, 2021	January 17, 2023
Full Architecture Working Group (FAWG)	Working Group		January 25, 2022	January 17, 2023
Data Architecture Working Group (DAWG)	Working Group		January 25, 2022	January 17, 2023
FledgePOWER	Incubation	February 11, 2021	February 15, 2022	February 28, 2023
SOGNO	Early Adoption	October 27, 2020	March 8, 2022	March 21, 2023
OCPP Cloud Connector	Sandbox	March 8, 2022		March 21, 2023
Shapeshifter	Incubation	April 6, 2021	April 19, 2022	April 11, 2023
Grid Capacity Map	Incubation	April 27, 2021	July 12, 2022	June 18, 2023
OperatorFabric	Early Adoption	April 30, 2019	June 21, 2022	June 20, 2023
CoMPAS	Incubation	May 5, 2020	July 12, 2022	June 20, 2022
OpenEEmeter	Incubation	June 4, 2019	September 13, 2022	September 26, 2023
GXF	Early Adoption	February 4, 2020	October 12, 2021	October 4, 2022
OpenGEH	Incubation	October 12, 2021		October 4, 2022

Marketing for Projects

Marketing and PR Updates

dbrown@linuxfoundation.org
+1 415-420-7880

- Digital transformation readiness research survey is currently in the field through Oct 31
  - Please help us promote this- marketing kit available here
- Recent media coverage:
  - VentureBeat - How open source is accelerating electric sustainability
  - ComputerWeekly - Oil giant Shell lends support to LF Energy in its open source power networks push
  - OpenSourceForU - Oil Giant Shell Offers Support To LF Energy To Push Open Source Power Networks
  - TheNewStack - How Can Open Source Help Fight Climate Change?
- Virtual member event to take place November 17, 2022 at 8am PT/11am ET/5pm CET - register here
- Planning also in progress for in person LF Energy Summit in Amsterdam, April 20-21, 2023
- Please reach out to me directly with any content you would like our help in promoting or with ideas for announcements, blogs, etc.
- Case study submission form now available for members and end users
  - Feel free to submit your stories or encourage your end users to do so at https://www.lfenergy.org/case-study/submit

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Next TAC Meeting

The next meeting of the LF Energy TAC is scheduled for 15 November 2022 at 8:00 am US Pacific Time/11:00 am US Eastern Time/5:00 pm Central European Time.

NOTE: *New meeting invite for series titled 'LF Energy TAC meeting (2022)' from 'LF Energy (LFE) - Meetings <meetings@lfx.linuxfoundation.org>'.* Register for meeting at: https://zoom-lfx.platform.linuxfoundation.org/meeting/98588947265
Please remove all other meeting invites.

Agenda will include:

- Recap of last TAC and Governing Board Meeting
- KDE Eco Proposal
- OpenFIDO Proposal
- FlexMeasures Annual Review
- PowSyBl Annual Review

Thank you!