

Technical Advisory Council (TAC) Meeting

02 May 2023

OLFENERGY

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Agenda

Opening (15 Minutes) 5:00 - 5:15 pm

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

TAC Business (75 Minutes) 5:10 - 6:25 pm

- Archimate Architecture Requirement Discussion - 5:15 - 5:35 pm
- Standards Projects lifecycle - 5:35 - 5:55 pm
- Marketing for Projects - 6:15 - 6:25 pm

Closing and Next Meeting (5 Minutes) 6:25 - 6:30 pm

Project Review Cycle

Working Groups

Group	Current Level	Initially Accepted	Last Review	Next Review
Archimate Working Group	Active	October 4, 2022		October 17, 2023
Carbon Data Specification Consortium (CDSC)	Standards	January 25, 2022		TBD
SAM (Super Advanced Meter)	Standards	March 29, 2022		March 21, 2023* TBD

2024 Future Reviews

Project	Current Level	Initially Accepted	Last Review	Next Review
OpenFIDO	Sandbox	January 17, 2023		January 9, 2024
SEAPATH	Incubation	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

Upcoming Reviews

Project	Current Level	Initially Accepted	Last Review	Next Review
CoMPAS	Incubation	May 5, 2020	July 12, 2022	June 20, 2023
OperatorFabric	Early Adoption	April 30, 2019	June 21, 2022	June 20, 2023
Arras	Sandbox	July 12, 2022		July 18, 2023
Grid Capacity Map	Incubation	April 27, 2021	July 12, 2022	July 18, 2023
OpenEEMeter	Incubation	June 4, 2019	September 13, 2022	September 26, 2023
GXF	Early Adoption	February 4, 2020	October 4, 2022	October 17, 2023
OpenGEH	Sandbox	October 12, 2021	October 4, 2022	October 17, 2023
RTDIP	Sandbox	October 25, 2022		November 7, 2023
OpenSTEF	Incubation	September 21, 2021	October 25, 2022	November 7, 2023
FlexMeasures	Incubation	November 2, 2021	November 15, 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
OpenLEADR	Incubation	September 15, 2020	December 6, 2022	December 19, 2023

TAC Voting Members



Antonello Monti
Chair
Professor at
RWTH Aachen
University



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



Art Pope
Member of
Technical Staff at



Avi Allison
Program
Manager, Energy,
Sustainability at
Microsoft
Corporation



Benoît Jeanson
Enterprise
Architect at RTE
(Reseau de
Transport
dElectricite)



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



Bryce Bartmann
NA at Shell
International
Petroleum
Company



carmen best
VP of Policy &
Emerging Markets
at Recurve



Jonas van den
Bogaard
Solution Architect
at Alliander



Maarten Mulder
Technical Lead
PO Field Device
Platforms at
Alliander

You can update your headshot/title at openprofile.dev.

LF Energy Hosted Project and Working Group Leads

Changes in bold



Project	Project Lead(s)
PowSyBI	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	Asimonia Korompili, RWTH Aachen University
openLEADR	Lonneke Driessen & Stan Janssen, OpenADR
SEAPATH	Aurelien Watere, RTE
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 Chiaramello, Benoît Jeanson, RTE
OpenFIDO	David Chassin, SLAC
Power Grid Model	Tony Xiang, Alliander
Super Advanced Meter (SAM)	Mark Nigge-Uricher, Alliander
Real Time Data Ingestion Platform (RTDIP)	Bryce Bartmann, Shell
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.



LF Energy Early Adoption

LF Project

Open Source Software

License Mozilla Public License

CII Best Practices 25%

Crunchbase	crunchbase.com/organization/lf-energy	more... total: 52	
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.”

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

Project	Current Level	TAC Sponsor
Archimate Working Group	Working Group	Avi Allison
Arras	Sandbox	Antonello Monti
CoMPAS	Incubation	Bryce Bartmann
Dynawo	Incubation	Art Pope
EVerest	Incubation	Bryce Bartmann
FledgePOWER	Incubation	Benoît Jeanson
FlexMeasures	Incubation	Maarten Mulder
Grid Capacity Map	Incubation	Boris Dolley
GXF	Early Adoption	Jonas van den Bogaard
Hyphae	Incubation	Antonello Monti
OpenEEmeter	Incubation	Carmen Best
OpenFIDO	Sandbox	Avi Allison
OpenGEH	Sandbox	Maarten Mulder
OpenLEADR	Incubation	Anne Tilloy
OpenSTEF	Incubation	Jonas van den Bogaard
OperatorFabric	Early Adoption	Boris Dolley
PowSyBl	Early Adoption	Anne Tilloy
Power Grid Model	Sandbox	Benoît Jeanson
Real Time Data Ingestion Platform (RTDIP)	Sandbox	Art Pope
SEAPATH	Incubation	Benoît Jeanson
Shapeshifter	Incubation	Jonas van den Bogaard
SOGNO	Early Adoption	Antonello Monti

Updates from the Board and TAC

- Previous TAC Meeting notes, deck, *and recording*, at <https://wiki.lfenergy.org/display/HOME/Technical+Advisory+Council#TechnicalAdvisoryCouncil-MeetingMinutes>

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Archimate Architecture Requirement Discussion

The Archimate working group has brought forth a recommendation to add a requirement to the Technical Projects lifecycle for each Incubation Stage project to have its architecture documented at

<https://lfenergyarchitecturemodel.github.io/lfenergyfunctionalarchitecturemodel/>

DISCUSSION: Should this requirement be added? What needs do projects have to achieve this?

Standards Projects lifecycle

Last year, the TAC adopted lifecycles for Standards Projects (<https://wiki.lfenergy.org/display/HOME/Standards+Project+Lifecycle>). Changes to that program have happened since then.

- Move from the Community Specification model to a formal JDF project entity
- New entity (LF Energy Standards and Specifications) has its own Steering Committee, which oversees all the working groups.

Working proposal:

- Transition existing lifecycle to be managed by LFESS SC
- Schedule standards projects to present at TAC meetings on a regular interval.

DISCUSS: Alignment on proposal.

Marketing for Projects

Marketing and PR Updates

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- Research - Utility readiness research report and Microgrids report are both on track to be released at LF Energy Summit.
- Website - Website redesign is complete and scheduled to launch this Thursday, 4 May.
- Grants - Working with the OpenSTEF team to apply for the NREL Net Load Forecasting Contest
 - Cash prize of \$50,000 - \$200,000 (not a grant technically, so no restrictions on how the funds can be used)
 - Program has been delayed due to legal hold ups on the NREL side but work should start ~10 May
 - Met with TSC Chair Anto Monti on March 13 to review open grant opportunities under the EU Commission Horizon program; LF Europe is bringing on a grant writer soon to help with these applications
- Recent media coverage
 - [AutoVisionNews – Drones, Open Source & The EV Charging Network ft. Dr. Marco Möller of PIONIX](#)
 - [Electrive – Chargebyte veröffentlicht Open-Source-Software für bidirektionales Laden](#)
 - [CNX Software – Embedded Open Source Summit 2023 schedule – Zephyr OS, Security, IoT, Embedded Linux, and more](#)
 - [TFIR – LF Energy Embedded Summit 2023: Conference Schedule Announced](#)
 - [CNX Software – EVerest is an open-source software stack for car charging stations](#)
- Outreach Committee meeting took place Apr 27 ([deck](#), [recording](#), [minutes](#))
- Use this [form](#) to submit any comms/marketing support requests

Events Updates

- SustainabilityCon North America - May 10-12, Vancouver
 - Includes sessions from LF Energy members Shell and Open Earth Foundation
- LF Energy Summit - June 1-2, Paris
 - 124 registrations as of 4/26; early bird pricing ended March 17; standard registration pricing valid through May 19
 - Sponsorships are still available! [Details](#)
 - Created free “Community Partner” sponsorship level for non-profit organizations
 - Added “Demo Room” which will enable projects to present demos at a number of stations during the event; booking form coming soon
 - Working to finalize keynotes from White House and EU Commission
- LF Energy Embedded Summit - June 30, Prague
 - Agenda announced April 13
 - Eloi Bail from Savoir-Faire Linux will serve as emcee
- SustainabilityCon Europe - Sept 19-21, Bilbao
 - Speaking proposals closed May 2
 - Submitted proposal for a panel of LF Energy members/contributors to discuss open source collaboration in the energy sector

Third-Party Events

- Tech for Climate Action, 6-7 November in Brussels
 - US event last month drew 200 attendees from the energy industry, government, and research/academia
 - Brussels event is expected to be larger, and is adding a day of pre-conference workshops; LF Energy has been invited to organize a half-day workshop on why open source is essential for the energy transition
 - Cost would be €8000, including the space, AV, food/beverage, marketing, etc.
 - MAC feels this is a worthwhile endeavor, and that the agenda should focus on educational sessions rather than overly technical workshops or tutorials based on the audience
- DISTRIBUTECH, 26-29 February in Orlando, Florida
 - Largest transmission & distribution event in the US
 - Cost estimates based on available information from organizers plus LF Events team:
 - 10x10 booth space - \$28,150.00
 - 10x20 booth space - \$35,450.00
 - Note these include LF Events management fees plus the exhibit space, carpet, backwall, furniture, power, AV, collateral materials. Travel expenses for booth staff are not included.
 - Speaking proposals are open through 2 June at <https://www.distributech.com/call-for-content>

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Next TAC Meeting

The next meeting of the LF Energy TAC is scheduled for 23 May 2023 at 8:00 am US Pacific Time/11:00 am US Eastern Time/4:00 pm Central European Time. Agenda will include:

- Recap of last TAC and Board Meeting



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