Technical Advisory Council (TAC) Meeting

23 May 2023

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Agenda

All Times in Central European Time Zone

- 5:00 pm - 5:15 pm - Opening and General Updates
  - TAC and Project lead updates
  - Project Review Cycle
  - Summary of last TAC and Board meetings and topic updates
- 5:15 pm - 5:45 pm - Landscape updates
- 5:45 pm - 6:15 pm - GitHub Push Protection for Projects Discussion
- 6:15 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 - 5:15 pm

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TAC Voting Members

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

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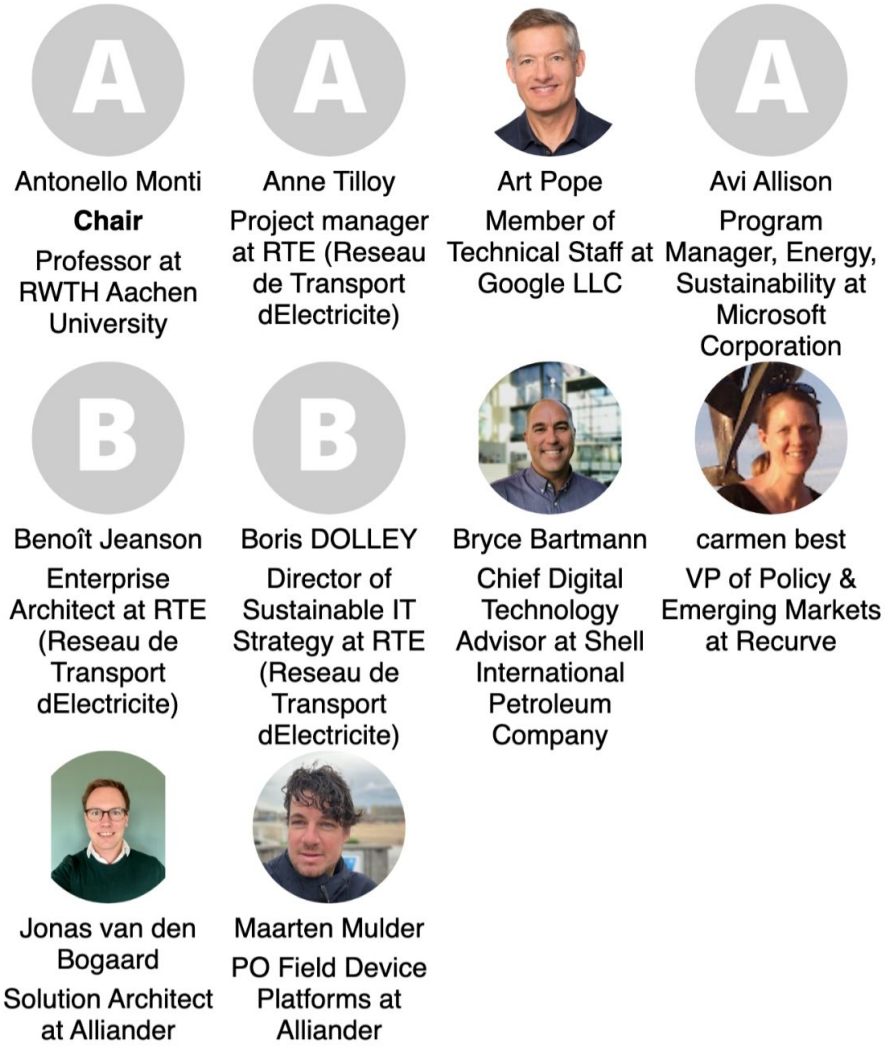

LF Energy Hosted Project and Working Group Leads

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	Asimenia Korompili, RWTH Aachen University
openLEADR	Lonneke Driessen & Stan Janssen, OpenADR
SEAPATH	Aurelien Watare, 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

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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 13, 2023***
OperatorFabric	***Early Adoption***	***April 30, 2019***	***June 21, 2022***	***June 13, 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
PowSyBl	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 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

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Project	Current Level	TAC Sponsor
Archimate Working Group	Working Group	Maarten Mulder
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	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	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

Updates on previous TAC topics:

- Project Leads - please update your project on the Smart Grid Plane at https://docs.google.com/spreadsheets/d/1GCzBaybeqzb-ThPGDj-sI_OX5V1V5lWzlu4aOmpuPCw/edit?usp=sharing
- LFESS Steering Committee discussing taking over Standard Project Lifecycle - update for next TAC meeting
- Invite for TAC voting members and TSC leads to joint meeting with GB at LF Energy Summit - check your email for information.

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Landscape updates

5:15 pm - 5:45 pm

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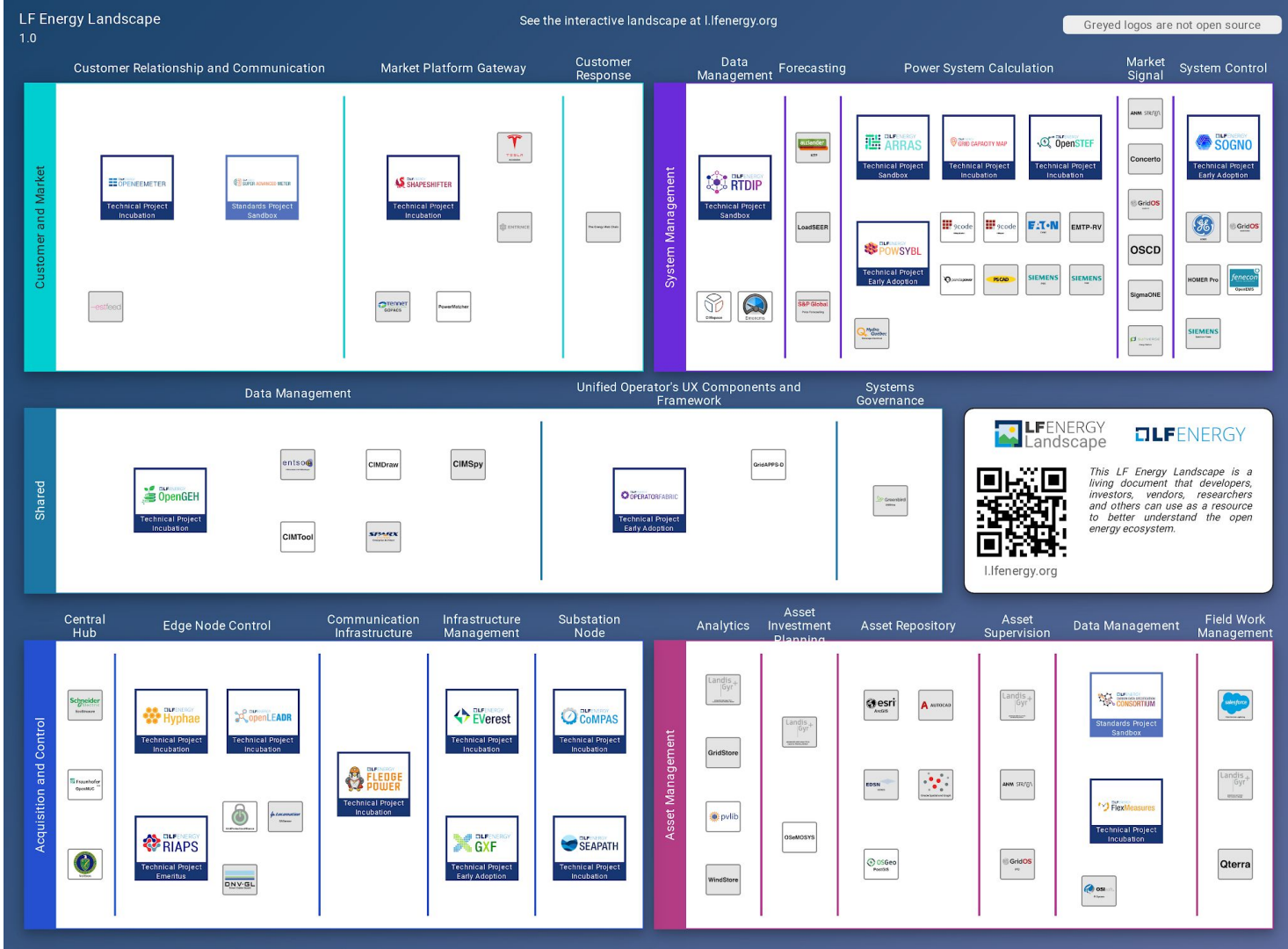
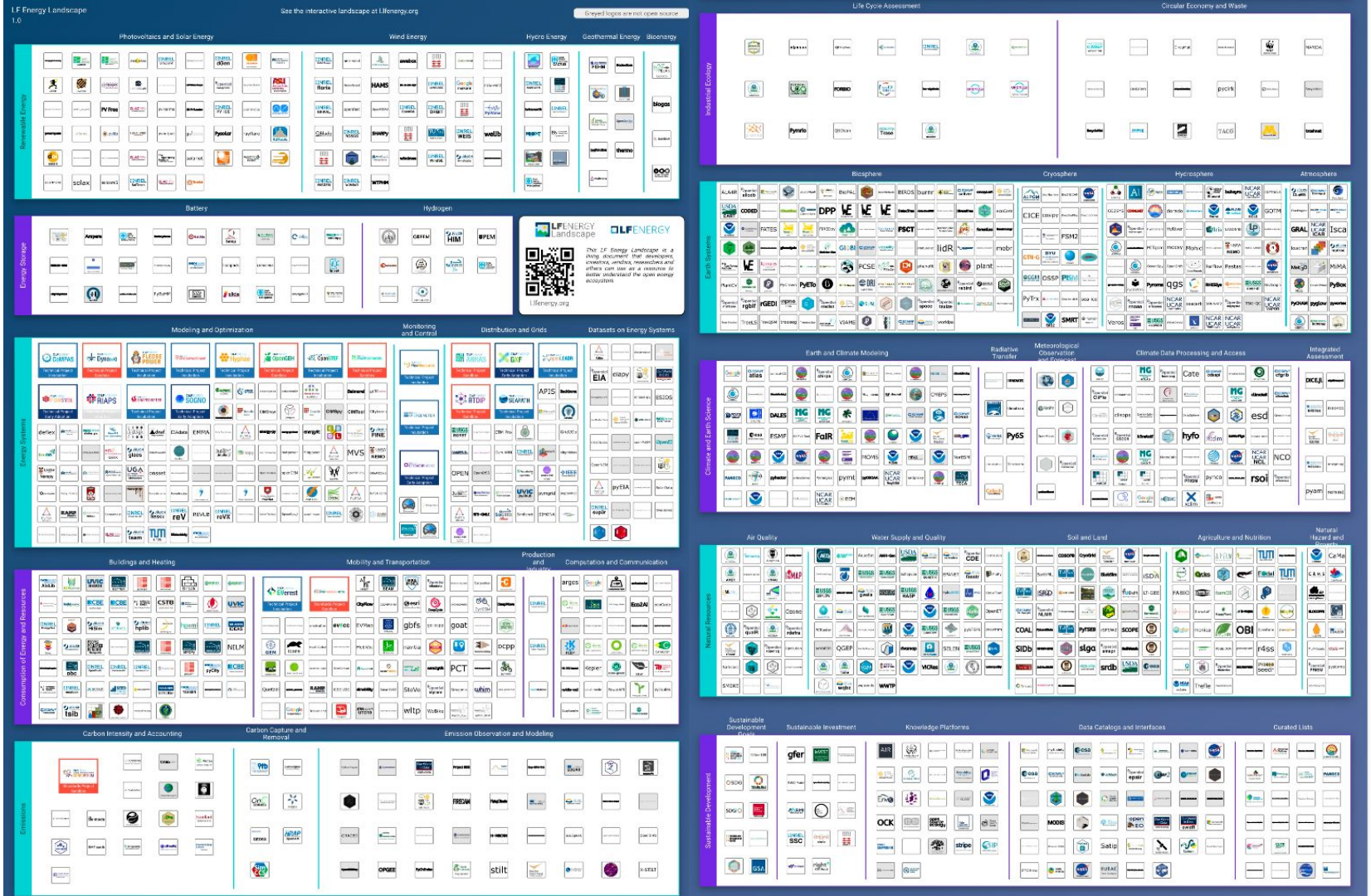
LF Energy Landscape 1.0



LF Energy Landscape 2.0

l.lfenergy.org

1,343 projects, market cap of $7.5T and funding of $17B.



Plans for evolving the landscape resource

- Add in page for Smart Grid Plane view, align Software Stack
- Adding a Landscape Guide (example: https://landscape.cncf.io/guide)
- Collaborating on Open Sustainable Technology 2024 report (starting in June)
- Get more outbound on bringing projects in
- Potentially form a formal LF Energy project to manage

We'd like any feedback on how to improve - submit an issue at https://github.com/lf-energy/lfenergy-landscape/issues/new/choose

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And don’t forget to maintain your landscape data

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		

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GitHub Push Protection for Projects Discussion

5:45 pm - 6:15 pm

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New GitHub Push Protection Feature available

Goal of this feature is to proactively prevent secrets being added to codebases. This combines with LFX Security having secrets scanning, will prevent any secrets leaks into code repositories.

DISCUSSION: Should we enable this feature for all LF Energy project repositories.

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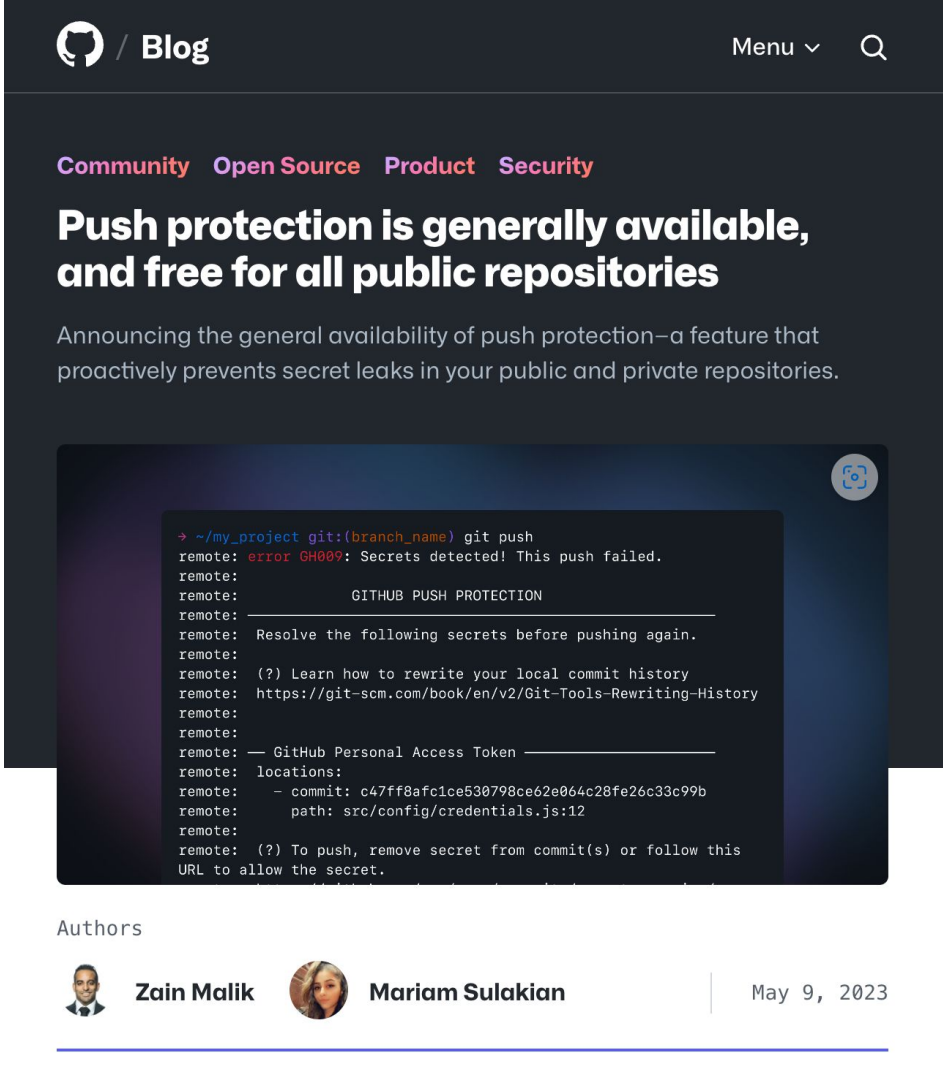

Marketing/PR/Events updates

6:15 pm - 6:25 pm

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Marketing and PR Updates

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- Research - Utility readiness research report and Microgrids report will be released at LF Energy Summit.
- 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 ~23 May
- Partnering with consortium organized by Anto to apply for an EU Horizon grant - application due early October
- Kicked off work 5/18 on cybersecurity for energy systems white paper
- Recent media coverage
  - Industr (Germany) - EXI-HÜRDE MIT OPEN-SOURCE-SOFTWARE ÜBERWINDEN
  - PowerGrid International - There is no better time than now for energy utilities and vendors to hire software developers
  - TFIR - Creating The Functional Architecture For The Power Grid Of The Future
  - theCUBE - Dan Brown | LF Energy & Christophe Villemer | Savoir-faire Linux
  - SiliconAngle - Open source helps speed up the decarbonization of energy systems
  - TFIR - Linux Foundation Energy Launches New Power Grid Model Project
- Outreach Committee meeting took place Apr 27 (deck, recording, minutes)
- Use this form to submit any comms/marketing support requests

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Events Updates

- SustainabilityCon North America - May 10-12, Vancouver
  - Very positive sessions and discussions onsite
- LF Energy Summit - June 1-2, Paris
  - 157 registrations as of 5/17
  - Projects can book time slots to present in the Demo Room - sign up sheet
    - Note the room will be available for ad hoc demos outside of scheduled times
  - Opportunity to record in-person videos on-site with Swapnil Bhartiya - sign up sheet
- 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

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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 13 June 2023 at 8:00 am US Pacific Time/11:00 am US Eastern Time/5:00 pm Central European Time. Agenda will include:

- Recap of last TAC Meeting
- OperatorFabric Annual Review
- CoMPAS Annual Review
- Marketing/PR/Events update

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