

# Full Architecture Working Group (FAWG)

## Description

Welcome to the LF Energy Full Architecture Group working space! There are 4 working groups that make up the full Architecture: Data, Functional, Technical, and Security. This page will contain information regarding the cross-collaboration of the 4 working groups.

## Full Architecture Group Meetings

The purpose of the Full Architecture Working Group (FAWG) is to get clarity on the open source landscape regarding Energy. It aims at being an open area focusing on topics and/or project presentations and consolidate vision for the future. To this end, we must be well aware of what are the various on-going, and candidate projects to identify how they could interact with each other, and identify workstreams that would connect actual and future LFE projects. That's also where outcomes of architecture subgroups are reported. Even if it is not a decision place, not even a mandatory step in the decision process, that's the right committee to hold preliminary discussions to enlight decisions that are to be made by the Technical Advisory Council.

## Work initiated in relation to the FAWG

The following workstreams were proposed and implemented the FAWG:

- Detailed Functional architecture: [presentation](#), [taxonomy sheet](#)
- [LFE guiding principles](#) - outcomes approved by the TAC and LFE board
- Power System Network Operation: [proposed vision](#). In order to test the methodology a work is ongoing on the modelisation of PSNO in archimate.
- Grid studies and planning: early stage work on the various open source solutions to perform power system simulations

Teleconference once a month on the second Monday, 8:00 Pacific. See the [LF Energy Community Calendar](#) for the next meeting and dial in details.

## FAWG Meetings contents:

- October 2021: customer side interface:
  - [Grid Architecture from Grid Architecture from the Customer Perspective the Customer Perspective](#). More [here](#)
  - [FlexMeasures](#): a now project on flexibility, candidate for LFE
  - [recording](#)
- September 2021:
  - Presentation from data architecture working group on [Collaboration on shared integration requirements](#)
  - [recording](#)
- April 2021: Virtualization at the edge:
  - [Presentation of LF-Edge Eve](#) project
  - [Presentation of LF-Energy SEAPATH](#) project
- March 2021:
  - [presentation from EPRI on Archimate modeling](#) launch of a experimental work on the PSNO area
  - report from data architecture working group on interoperability principle
- February 2021:
  - [discussion on the goal of the FAWG](#),
  - presentation of OpenEEMeter

## Suggest a meeting topic below:

- ☐ Type your topic here, using "@" to assign to a presenter
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## Active Members

| Name                       | Company     |
|----------------------------|-------------|
| Benoit JEANS ON (chairman) | RTE         |
| Carmen Best                | Recurve     |
| Eric Houmes                | TenneT      |
| Caspar Derksen             | TenneT      |
| Jonas van den Bogaard      | Alliander   |
| Daniel Lazaro              | OSIsoft     |
| Ken Dulaney                |             |
| Alberto Abella             | FIWARE      |
| Gianluca Dianese           | FIWARE      |
| Markus Mirz                | RWTH Aachen |

## How To Get Involved

### Mailing Lists

- [Architecture Standing Committee](#)
- Data Architecture (coming soon)
- Infrastructure & Cloud (coming soon)
- [Security SIG](#)
- [Microgrid SIG](#)

## Working Documents

LF Energy - [Architecture Work Group Drive](#)

## Meeting Notes

27 September 2021: [Recording](#)

15 June 2020: [Agenda-Presentation](#) // [Recording](#) (Password: 8C%TRJ28)

8 June 2020: [Agenda-Presentation](#) // [Recording](#) (Password: 9B%99?K5)

9 - 12 March 2020: [Minutes](#)