

ARCHIMATE SIG proposal

- **Name:** Archimate SIG
- **Mission statement:** Supporting LFE activity by providing an up to date architecture of LFE ecosystem.
- **Description (what it does, why it is valuable, origin and history):**

The initial work started by a presentation from EPRI in the FAWG that showed an initiative of describing the power system tooling architecture with archimate. An experimentation was then decided in collaboration with LFE on a narrowed perimeter that was considered interesting.

A group started to meet and extended this experiment to some software of the LFE. Today, we have a first map illustrating some key concepts, and how some actual LFE projects are connecting to them.

- **Is this a new project/working group/special interest group or an existing one?**

It is a group that exists informally but that reported many times to the FAWG and TAC.

- **Current lead(s)**

Jonas Van den Bogaard (Alliander) / Laura Crowley (EPRI) / Benoît Jeanson(RTE)

- **Sponsoring organization(s), along with any other key contributing individuals and/or organizations**

EPRI / Alliander / RTE / Fraunhofer

- **Detail any existing community infrastructure, including:**

- **Github/GitLab, or other location where the code is hosted:**
[lfenergyarchitecturemodel/lfenergyfunctionalarchitecturemodel](https://github.com/lfenergyarchitecturemodel/lfenergyfunctionalarchitecturemodel)
(github.com)
- **Website and/or docs:** [LFEnergyFunctionalArchitectureModel](https://lfenergyarchitecturemodel.github.io)
(lfenergyarchitecturemodel.github.io)
- **Communication channels (such as Mailing lists, Slack, IRC):**
<https://lfenergy.slack.com/archives/C03A1U5APPA>
- **Social Media Accounts**

- **Are there any specific infrastructure needs or requests outside of what is provided normally by LF Energy (please refer to the lifecycle for project benefits)? If so please detail them : No**
- **Why would this be a good candidate for inclusion in LF Energy?**

It aims at clarifying the software ecosystem of the LFE: what are the projects doing, how they interact together. This will provide a clear and deep presentation of what the softwares are doing (and not doing) and therefore ease their adoption, foster integration, limit overlapping.

- **How would this benefit from inclusion in LF Energy?**

If LFE wants it and it is meaningful, else it's a nonsense!

- **Provide a statement on alignment with the mission in the [LF Energy charter](#).**

- **What specific need does this project/working group/special interest group address?**

Fine sorting out the LFE Ecosystem.

- **Describe how this project/working group/special interest group impacts the energy industry.**

Give clarity on the LFE ecosystem, ease adoption of projects, and provide guidance on what is to be developed.

- **Describe how this project/working group/special interest group intersects with other LF Energy projects/working groups/special interest groups.**

It's a SIG that interacts with all projects, and which reports to the TAC.

- **Who are the potential benefactors of this project/working group/special interest group?**

Industrials:

- to find which project of the LFE covers what part of their needs

Projects:

- to identify how/where they interact with or can make use of other projects
- to grow their community by being identified by potential user

- **What other organizations in the world should be interested in this project/working group/special interest group?**

Any organization that would benefit from the LFE.

- **Plan for growing in maturity if accepted within LF Energy**

The SIG intends to have a picture of all the projects at a stage greater or equal to incubation. To this end, the SIG recommends the TAC to add as a requirement to the Incubation stage and greater that the project should provide / update its archimate view at least for their annual review.

The SIG will provide any necessary help to the project towards this achievement, and will ensure coherence.

Questions for Working Groups/Special Interest Groups ONLY

- **Expected deliverables**

A rolling update of the archimate view of LFE ecosystem.

- **Timeline for the working group**

All incubation+ projects should be represented in the archimate view by the end of 2023.