

CoMPAS growth plan

General introduction

In order to grow the open source community around LF energy CoMPAS. Multiple things can be done. This page should provide a plan to grow the CoMPAS community.

LF energy CoMPAS community growth can help us to bring:

- Secure funding
- Increase demand
- Influence the market
- Develop faster
- Validate faster
- Divide risk

The plan will be split in several parts; improvements are always welcome.

Release plans for the next 18 months

The project tries to release every 2 weeks. Some work requires more time (e.g. refactoring).

See [CoMPAS Roadmap](#) for more details on the features.

Target end-Users

CoMPAS is ment for all parties that deal with 61850 SCL configurations including:

Utilities (TSO, DSO) => E.g RTE and Alliander

Vendors => E.g Omicron, GE

Integrators => E.g. TBI, SPIE, etc

Identification of any regulatory or standards body requirements for deployment, and plans for implementation

CoMPAS is highly focused on implementing the configurations parts of IEC61850. IEC 61850 is maintand by [WG10](#) of the IEC.

Getting the word out to IEC WG10 will help to promote the project.

CoMPAS promotion aspects

Aspect in favor of the promotion of the project and in order to reach target end-users

Get the project into production

The initial contributors should get the CoMPAS software into production to give others more confidence and get feedback fast.

Expected due Date : At the end of 2022.

CoMPAS promotion

Attend conferences/events an give talks about CoMPAS and their features

Possible events to be present to LF energy CoMPAS

- 61850 country/area specific 61850 usergroups
- IEC / [61850](#) week
- PAC world conferences
- LF energy summit

- PowerCon
- 61850 IOP
- <https://events.tdworld.com/2023/speak>

A good list of relevant events: [Upcoming Events – PAC World](#)

Events and/or conferences already identified

- SGtech 2023 ([Sander Jansen](#))
- LF energy summit Paris (workshop; CoMPAS/Seapath; RTE; [Frédéric FOUSSERET](#) will arrange something)
- 61850 week in Amsterdam 2023
- Cigre in Paris 2024
- 61850 Omicron user meeting Germany ([Christian Dinkel](#))

Social media:

- Create a linkedin CoMPAS account => *To create*
 - Promote the page within the organizations (RTE, Alliander, Omicron)
 - Promote new releases on LinkedIn => *To do after first put into production*
 - Example: <https://www.linkedin.com/company/ocp-tap>
- Use LF energy media channels
 - slack
 - LinkedIn
- Dedicated CoMPAS website (example: [Power System Blocks \(powsybl.org\)](http://Power System Blocks (powsybl.org))) / Website make-over/update
- Newsletter
- List of contributors / spotlight new contributors

Bilateral meetings

Try to speak of CoMPAS as much as possible where applicable with the target audience (one to one).

Define how to communicate to the project if someone has encountered a potential target to structure our communication.

Expected due Date : At the end of 2022 for the process.

Written promotion

PACworld article- *Which topics should be written about?*

[The Cathedral and the Bazaar - Wikipedia](#) Energy edition

White papers (e.g. open source concept)

Blogposts

CoMPAS Documentation/demonstration

Documentation shall be continuously improved.

Changelog

Webinar to showcase the demo environment in order to promote CoMPAS and also sense community's doubts/questions/feature-suggestions

Write/record [tutorials](#) on how to work with LF energy CoMPAS

How to create your own plug-in/how to install it locally (technical tutorials)

Example/test files (e.g. 104) and plug-in manuals

Explain the QA proces

Finalizes the roadmap for publishing

Promote CoMPAS at WG10 / Prototype WG10 idea's

Share relevant IEC61850 based data models/specifications / BAP's

Create your own distribution (Docker compose generator)

Getting started guide

Public demo

In order to facilitate the adhesion to the project, a demo environment is build:

<https://demo.compas.energy/>

Low barrier for entrance

Be clear on how to contribute: <https://com-pas.github.io/contributing/>

Template plug-in to get started

Translation capabilities

Engineering hub ([Jakob Vogelsang](#))

List of all vendor tools and CoMPAS interobability

CoMPAS Community call (already their)

Website to generate your own CoMPAS distribution (example: [Spring Initializr](#))

Make a lower barrier to make feature request (Github issues might be to much for some people)

Physcal meetup to write plug-ins

Start a tech-forum of questions and support (e.g. forum/wiki)

Hacktober

Regular CoMPAS meetup

First time getting started tour

Theme editor to adjust it to company logo's

Get the education sector involved

Use the network to get CoMPAS into the education space (universities)

E.g. TU berlin, Aachen university, CPUIT

Expected due Date : To define.

Quality

Act in order to reach gold level at OpenSSF BestPractices.

CoMPAS is currently at (partly) silver stage.

Make sure the software is of good quality by testing it by hand and in an automated way

Expected due Date : Continuous improvement.

Collaborate with others

- Collaborate with Fledge (Fledge uses the SCL configurations), Powsybl (Service to map CIM Data to SCL Data) and Riseclipse (validation of SCL files)
- Work upstream with OpenSCD
- Convince vendors to collaborate

Communication improvement suggestions

- Have a better mascot
- Promote/share contributors and show a list of contributors (LGH avatar)
- SWAG
- Research: Why are mailinglist subscribers not involved in the actual development?
- Put the CoMPAS logo everywhere

TODO List

See: [TSC Growth Plan Actions \(github.com\)](#)

Promotion requests can be made here: <https://github.com/lf-energy/foundation/issues/new/choose>