New Project Proposals Form

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I. General information

Introduction

This policy sets forth the proposal process for projects to be accepted into LF Energy. The process is the same for both existing projects which seek to move into LF Energy and new projects to be formed within LF Energy.

All projects are assumed to start at Incubator status unless the TAC has verified that stage advancement requirements have been met.

Incubation Project Proposal Requirements

Projects must be formally proposed by answering the following questions and sending by email to tac@lists.lfenergy.org. Project proposals submitted to LF Energy should provide the following information to the best of their ability:

General information:

- Name of project
  - *"OpenLEADR"*
- Project description (what it does, why it is valuable, origin and history)
  - *"Source code for an OpenADR VTN and VEN in python". (for terminology please go to* https://www.openadr.org/faq) *Open Automated Demand Response (OpenADR) is an open and interoperable information exchange model and emerging Smart Grid standard. OpenADR standardizes the message format used for Auto-DR so that dynamic price and reliability signals can be delivered in a uniform and interoperable fashion among utilities, ISOs, and energy management and control systems. While previously deployed Auto-DR systems are automated, they are not standardized or interoperable. For more information: www.openadr.org*
- Project lead
  - *Lonneke Driessen-Mutters - ElaadNL*
- Project financial sponsor organization(s)
  - *None*
- Names of other key contributing individuals and organizations
  - *Stan Janssen – software developer - ELaadNL*
  - *Paul Klapwijk – IT Architect - ElaadNL*
  - *Rolf Bienert - managing and technical director, OpenADR Alliance*
  - *…….*
- Proposed Technical Steering Meeting (TSC) members

- - *Lonneke Driessen-Mutters - ElaadNL*
  - *Rolf Bienert - managing and technical director, OpenADR Alliance*
  - *Rish Ghatikar - EPRI*
  - *.....*
- Existing community links:
  - repository hosting
    - *Documentation of the project: https://finetuned.nl/pyopenadr.*
    - *Project Status & Roadmap: https://finetuned.nl/pyopenadr/roadmap.html.*
    - *GitHub: https://git.finetuned.nl/stan/pyopenadr*
  - project website and docs
  - mailing lists, slack, irc
  - social media accounts
- Project security plan (TODO - what should this include?)
- Link to code base
    - *GitHub: https://git.finetuned.nl/stan/pyopenadr*

Open source status:

- Please describe the project's license.
  - *Apache 2*
- Is this project's code publicly posted? On github or elsewhere?
  - *No, not yet*
- Does this project have ongoing public (or private) technical meetings?
  - *No, not yet*
- Do this project's community venues have a code of conduct? If so, what is it?
  - *No*
- Describe the project's leadership team and decision-making process.
  - *Stan is writing the code, following the OpenADR standard*
  - *Lonneke Driessen is the project leader and is responsible for the liaison with Rolf Bienert of the OpenADR Alliance*
  - *Rolf Bienert is aligning with the OpenADR Alliance community and Board of Directors*
  - *Decisions regarding the standard are handled by the OpenADR alliance*
  - *Decisions regarding the open source code are made by the management team at ElaadNL*
- Does this project have public governance (more than just one organization)?
  - *No, not yet*

- Does this project have a development schedule and/or release schedule?\
  - *Yes, please see https://finetuned.nl/pyopenadr/roadmap.html.*

- Does this project have dependencies on other open source projects? Which ones?
  - *No*
- Describe the project's documentation.
    - *Please go to https://finetuned.nl/pyopenadr*
- Describe any trademarks associated with the project.

- o *OpenADR is trademarked*

Project status:

- Do you have a project roadmap? please attach [Are this project's roadmap and meeting minutes public posted?]
  - o *Yes, please see https://finetuned.nl/pyopenadr/roadmap.html.*
- Does this project have a legal entity and/or registered trademarks?
  - o *No*
- Has this project been announced or promoted in any press?
  - o *No*
- Does this project compete with other open source projects or commercial products?
  - o *Yes, there are commercial OpenADR stacks available in the market.*
  - o *Yes, there is another opensource implementation by EPRI, but it is deprecated*

Project value:

- Why would this project be a good candidate for inclusion in LF Energy?
  - o *OpenADR is a widely known and globally used open protocol for Demand Response - Demand response is a change in the power consumption of an electric utility customer to better match the demand for power with the supply.*
  - o *LF Energy is an open source initiative to grow and sustain open source in the energy and electricity sectors.*
- Provide a statement on alignment with the mission in the LF Energy charter.
  - o *"The purpose…..is to raise, budget and spend funds in support of various open source and/or open standards projects relating to the generation, transmission, distribution and delivery of energy, including infrastructure and support initiatives related thereto…." The OpenOpenADR is a concrete example of open source for an open standard to help the energy industry all across the world.*
- What specific need does this project address?
  - o *Globally, there will be many thousands of different organizations involved when exchanging Demand Response Information. Using an open standard for information exchange makes it easier for these organizations to work together. Providing an open source stack for OpenADR allows a larger number and wider range of parties to join in. Researchers, students and developers have an open source stack to help get them involved. Once part of the community, they will help improve, innovate and speed up the demand response services available. Open source OpenADR lowers the threshold to get started and to start cooperating with new partners.*
- Describe how this project impacts the energy industry.
  - o *Demand response in general is believed to help the integration of intermittent renewable energies into the energy system. Additionally, actively matching supply and demand decreases costs in grid reinforcements. This will lead to a more sustainable and affordable energy system.*
- Describe how this project intersects with other LF Energy projects.

- - *Open Source OpenADR connects with 'System Management'. Demand response signals that are generated here, can be communicated to the outside world via OpenADR.*
  - Who are the potential benefactors of this project?
    - *Potential benefactors are both Utilities that can work together with a larger array of partners, the industry at the receiving end of the Demand Response Signals and ultimately the consumer. The consumer will benefit from a better functioning Demand Response Program of her Utility Company and of a wider choice in devices and services.*
  - What other organizations in the world should be interested in this project?
    - *The Utility Industry, Renewable Energy Industry, ...*

Project needs:

- How would this project benefit from inclusion in LF Energy?
  - *LF Energy is expert in open source co-creation. This expertise and provenance is not present at ElaadNL or the OpenADR Alliance.*
- Please describe any infrastructure needs or requests (e.g., web hosting).
  - *.....*
- Plan for achieving next maturity level (Incubation -> Early Adoption -> Graduated).
  - *The Open Source Code should be of good quality, but has not yet been vetted by either OpenADR experts, the OpenADR community or Open Source Experts. It has also not yet been OpenADR certified. We envision to start with the project, receive initial feedback, improve the code together and finally apply for OpenADR certification at the OpenADR Alliance. In our planning (https://finetuned.nl/pyopenadr/roadmap.html) we assume that we need 4 months (November 2020) to move from incubation to early adoption.*

II. Project Acceptance Process

- Projects are required to present their proposal at an LF Energy Technical Advisory Committee (TAC) meeting.
- The TAC may ask for changes to bring the project into better alignment with LF Energy, such as adding a governance document to a repository or adopting a Code of Conduct.
- The TAC agrees on an evaluation of the project proposal via a 2/3 supermajority vote, excluding abstentions. << to be discussed - how do we handle abstensions?
- The TAC provides the project assessment to LF Energy Board for project acceptance approval.
- In case of Board approval, the proposal document will be finalized as a project charter. This charter document must be included in the project's main repository.
- The TAC will determine the appropriate initial stage for the project based on the evidence submitted. New projects can apply for admission at Incubator or Early Adoption stage via the review process.

Additional requirements for projects applying at the Early Adoption stage

- Growth plan
- TODO

III. Acceptance & Expectations

- All projects may attend TAC meetings and contribute work regardless of their stage.
- Incubation projects will be featured on the LF Energy projects page.
- All trademarks for Incubator, Early Adoption, Graduated, and Emeritus projects are retained by LF Energy.