

Opportunities for open-source ecosystem in data spaces

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Call text: “ensure open-source results, made available through a public repository under a permissive license”

Background:

- R&T engineer in embedded systems (e.g. OpenEMS on RISC-V in ISOLDE project)
- For the 2023 call I had coordinated a submission of energy communities in Spain/Israel/Netherlands and some open source projects for energy monitoring and sharing, which did not make it.
- Additionally/optionally, “need owner” volunteer member of an energy cooperative UrStrom energy cooperative (Germany) that operates PV installations on industrial roofs Projektspiegel → interested in photovoltaics monitoring (e.g. maintaining <https://www.urstrom-projektspiegel.de/>)
- Also member of Linux Foundation open renewable energy systems working group → <https://github.com/open-renewable-energy-systems/ores> ; links to e.g. OpenEMS, Nymea via Consolinno Energy GmbH and FlexMeasures (these also can be used for general flexibility resource management unrelated to energy cooperatives)
 - Analysis of open-source energy management / flexibility management systems → <https://github.com/hblasum/energy-landscape> & text search of open-source energy management systems (experimental) → <http://openenertoolsearch.blasum.net/recoll/>

Possible contribution to proposal/project:

- Use case on energy sharing (e.g. PV usage from shared roofs of energy cooperative)
- Bringing in open-source projects/partners for energy sharing / flexibility where needed
- At the moment, I just want useful things to happen, if I can make a match with some partner/project, I do not expect any financial benefiting as a partner myself.

