

OEO Developer Meeting #92

Pads:

- Notes from last meeting: <https://etherpad.wikimedia.org/p/oeo-dev-91>
- Pad to this meeting: <https://etherpad.wikimedia.org/p/oeo-dev-92>
- Pad for next meeting: <https://etherpad.wikimedia.org/p/oeo-dev-93>
- Pad template: <https://github.com/OpenEnergyPlatform/ontology/wiki/oeo-dev-meeting-etherpad-template>

Date:

Participants:

- Moderator: EA
- Main reporter:
- Next meeting organiser: MS
- Developers with affiliation:
- EA(DLR)
- MB(OVGU)
- US (KIT)

Preparation:

- Read last protocol: <https://github.com/OpenEnergyPlatform/ontology/wiki/OEO-developer-meetings>
- Check issues for next release: <https://github.com/OpenEnergyPlatform/ontology/milestones>
- Load software (GitHub, git, Protégé)

Agenda:

Announcement

- Events, conferences, next meeting

Organisational

- Meeting in presence
- where? Berlin (DLR, RLI)
- potential topics:
- MENO
- CCO
- ontology mapping
- cooperation with OTO
- OEO-SC:
- finally decision on licence: "CC0 OR MIT"

- will be changed with first release in 2025

Release

- Release 2.M.P scheduled for 2024-MM-DD
- <https://github.com/OpenEnergyPlatform/ontology/releases>
- Release team

OEO Classes

levelized cost of energy as an alternative label for *levelized cost of electricity* (which is already in the oeo) since both are well used

- energy includes heat, so it is too different
- *capacity factor* and *CF* as alternative labels for *net capacity factor*
- capacity factor is already there, CF can be added
- wind power density (*WPD*) is a quantity vale of the power wind has in a specific area. It is calculated as $0.5 * \text{air density} * (\text{wind speed to the power of } 3)$
- Could be subclass of areal power density * (not entirely sure), own issue
- multi-criteria decision analysis (*MCDA*) is a methodology to help with decision making by defining goals, priorities and weights.
- Likely subclass of "methodology"
- should have an issue
- wake loss is a loss in power output of turbines that occur due to speed reduction of wind that already passed another turbine.
- loss issue is not ready yet
- between 'apply non-technical constraints for assessment of potential' and 'apply socio-economic constraints for assessment of potential' socio-economic would be better because it is more specific
- should the tasks module be imported by the OEO?
- no, it is very specific for now
- Axiom of social cost of carbon [EA]
- <https://github.com/OpenEnergyPlatform/ontology/issues/1914#issuecomment-2478487976>
- "So my suggestion is to completely remove the axiom relating the social cost of emission from the actual emission, so neither emission rate nor emission value should be related to it."
- Template - Ontology Workspace (use for joint development) [NAME]
- Add issue link
- Collect related terms
- Create an Aristotelian definition
- Find axioms

OEKG
Other Topics

Collection of Tasks:

- Add something @A