

OEO Developer Meeting #13

- Notes from last meeting: <https://etherpad.wikimedia.org/p/oeo-dev-12>
- Pad to this meeting: <https://etherpad.wikimedia.org/p/oeo-dev-13>

- Date:**
- 2021-01-13 14:00 - 18:00

Participants: Christian, Carsten, Mirjam, Vera, Michaja, Hannah, Janna, Ludwig, Simon, Anna

- moderator: Christian
- protocol: Simon
- next meeting organiser (2 people): (2021-02-10)
 - reach out to presenters about 1 week before the meeting
 - detailed manual here: <https://github.com/OpenEnergyPlatform/ontology/wiki/oeo-dev-meeting-plan>
 - Vera, Ludwig
 - @**nextMeetingOrganisers**: set up meeting for energy terms with participants of the related issues

Preparation:

- Read last protocol:
 - <https://etherpad.wikimedia.org/p/oeo-dev-12>
 - (<https://github.com/OpenEnergyPlatform/ontology/wiki/OEO-developer-meetings>)
- Check issues for next release: <https://github.com/OpenEnergyPlatform/ontology/milestones>

Agenda:

- Forschungsnetzwerk Energie** (18-19 o. 20.Mai 2021), Workshops zur Ontologie
 - MS hat Ontologie-WS eingereicht, stellt aktuellen Stand und Funktionalität vor
 - Introduction into topic
 - CH hat Ontologie-WS für Einsteigende eingereicht - was ist Ontologie, wofür gut, einfaches issue exemplarisch bearbeiten
 - consecutive to first workshop
- Summary of last release and outlook on upcoming release (01.03.2021) @Mirjam
 - thank you for releasing on 21st December!
 - see slides
- FIBO-Terms @Janna**
 - <https://next.rl-institut.de/s/DTmF6ncxgtLEAfx>
 - Janna implemented most green terms
 - exception: contracts, this is harder to implement and needs changes in the imports structure (but will get done soon)
 - option 1: import iao-module into oeo-shared (preferred by Janna)
 - option 2: import small submodule into oeo-social
 - discussion of other terms:
 - unit**: is already included
 - amount**: is covered by quantity value
 - we don't need amount on its own vote: 6 in favor (no need) 2 abstain
 - type of numerator, type of denominator**
 - idea: price is associated with an amount and a unit
 - example: price of electricity, i.e 30ct per kilowatthour
 - expressed by a quantity value: a number and a unit (eurocents per kilowatthour)
 - dissenting opinion (MJP):
 - a price is a ration between two quantities, one monetary, one physical (mostly)
 - e.g. 30 Euro-cents (at a certain point in time) per 1 kWh electricity
 - wrapping both numerator and denominator of the ratio in one "unit" is possible but
 - very repetitive, requiring the cartesian product of the sets of all monetary quantities (which extends through time) and all physical quantities that have a price
 - the connection between the (one) unit and the currency class is not straightforward
 - units will be added when needed
 - OEP has conversion tables for some units which might be helpful
 - python package pint for unit conversions can be reused
 - https://openenergy-platform.org/dataedit/view/reference/szenariendb_conversion
 - https://openenergy-platform.org/dataedit/view/reference/szenariendb_units
 - https://openenergy-platform.org/dataedit/view/climate/szenariendb_gwp
 - <https://github.com/IAMconsortium/units>
 - <https://pint.readthedocs.io/en/stable/>
 - <https://pypi.org/project/unitconvert/>
 - not implement them now vote: 6 in favour of delaying until need comes up again
- Add policies and (political) measures @Hannah / @Vera**
 - <https://github.com/OpenEnergyPlatform/ontology/issues/444>
 - Def of organisation: *An **organization** is an immaterial entity that has the **organization role** and there exists some sort of legal framework that recognises the entity and its continued existence.*
 - An organization role is a role of an aggregate of people that has a collective goal and a set of organization rules.*
 - definition from Wikipedia: A policy is a **deliberate** system of principles to guide decisions and achieve rational outcomes.
 - definition from fibo (abbreviated): System of principles, rules and guidelines, adopted by an organization to guide decision making with respect to particular situations and implemented to achieve stated goals.
 - parent class: specifically dependent continuant (with an organization as its bearer)
 - Merge: *A **policy** is a specifically dependent continuant that is a deliberate system of principles, rules and guidelines, adopted by an organization to guide decision making with respect to particular situations and implemented to achieve stated goals.*
 - no objections
 - HF aus dem OFF: "Governance of Energy Union" as policy https://ec.europa.eu/clima/policies/strategies/progress/governance_en -> and specific Regulations under its umbrella as policy instrument?
 - policy instrument**
 - Def.: An activity by the government that is intended to promote the adoption of a measure.
 - Examples: laws, rules, subsidies, funding, taxes, advertising
 - policy vs. policy instrument
 - policy is more vague, political instruments more concrete
 - example: policy "Effort Sharing", political instruments: Effort Sharing Regulation (<https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:32018R0842&from=EN>)
 - parent class should be the same as for policy (specifically dependent continuant)
 - continue in issue #444 (@Vera copies results)
 - A **policy instrument** is a specifically dependent continuant that is an activity by the government that is intended to promote the adoption of a measure.*
 - replace "activity" (maybe with principle, rule or guideline)
 - transformative measure**
 - Def.: an activity that has a direct impact on a specific variable in question.
 - parent class: (political) process
 - relations to other terms
 - policy instrument guides measure
 - measure can be result of policy instrument
 - add examples from energy sector
 - heat pumps
 - ...
 - other terms**: energy market, trading, economic good, money, market participant:
 - need further discussion
 - subsequent meeting with Hannah
- Proposal to use Github Discussions** (beta) @Anna(will join at 3pm)
 - <https://github.com/OpenEnergyPlatform/ontology/issues/625>
 - similar to issues, but more open
 - different categories, i.e. General, Ideas, Q & A and Show and Tell
 - most useful: Q & A, especially for helping new people
 - easy to integrate
 - all in favour
 - we can try it out and see how it worked in a couple months
 - different subscription options for notifications
 - makes sense to separate broader discussions from specific discussions (in issues)
 - no objections, is now activated
 - <https://github.com/OpenEnergyPlatform/ontology/discussions/>
- LOD-GEOSS-Terms @Patrick / @Michaja**
 - still in discussion
- Status of OEO-Papers** (Carsten)
 - ESWC submitted, review pending
 - EMP-E, rejected at Energy, new Submission to Energy and AI, new JF Thursdays 14-15h (starting 14/01/20).
 - new journal fits better
- ISSUES**
- Include "CO2 equivalents" and "global warming potential" @Lukas@Simon
 - <https://github.com/OpenEnergyPlatform/ontology/issues/420>
 - this will be solved in a smaller meeting with Lukas, Mirjam and Simon on 21 January
 - Restructure energy subclasses @Michaja / @Vera
 - <https://github.com/OpenEnergyPlatform/ontology/issues/522>
 - issue #515 <https://github.com/OpenEnergyPlatform/ontology/issues/515> : "Solar and wind energy are classified incorrectly" as follow up from las meetings discussion about energy subclasses and energy carriers
 - this will be subject of a specialised meeting
 - include subclasses of energy transformation @Janna / @Michaja / @Vera
 - <https://github.com/OpenEnergyPlatform/ontology/issues/372>
 - solution: implement relationships and close issue
 - energy converting device participates in energy transformation
 - power generating unit participates in energy transformation
 - power plant participates in energy transformation
 - energy conversion efficiency got implemented recently as a process attribute, so we should not change that again
 - further changes should be discussed in a new issue if necessary
 - @Vera implements

Agreed on proposal: Close the meeting when running out of issues.