

OEO Developer Meeting #85

Pads:

- Notes from last meeting: <https://etherpad.wikimedia.org/p/oeo-dev-84>
- Pad to this meeting: <https://etherpad.wikimedia.org/p/oeo-dev-85>
- Pad for next meeting: <https://etherpad.wikimedia.org/p/oeo-dev-86>
- Pad template: <https://github.com/OpenEnergyPlatform/ontology/wiki/oeo-dev-meeting-etherpad-template>

Date:

Participants:

- Moderator: MS
- Main reporter: NK
- Next meeting organiser: NK
- Developers with affiliation:
 - NK (OvGU)
 - MS (ovgu, iee)
 - Amanda Wein (OFFIS)
 - LE (ÖI)
 - Patrick Kuckertz (FZJ/ICE-2)
 - Uwe Stucky (KIT-IAI)
 - Eugenio (DLR-VE)
- **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

- Next interoperability meeting on Sept 30, 10 a.m.

Organisational

- OEOX: GUI is growing, units will soon be addable
 - update github from OEP
 - how to do versioning of OEOX?
 - units in OEO should soon be finished: discuss how to proceed here

Release

- Release 2.5.0 scheduled for 2024-09-23 oder 24
 - <https://github.com/OpenEnergyPlatform/ontology/releases>
 - Release team: Lukas, Mirjam

OEO Classes

- **Add energy-related task definitions [PK, MS]**
 - <https://github.com/OpenEnergyPlatform/ontology/issues/1891>
 - Anwendung: Terminologie zur Aufzeichnung von Daten
 - --> Nutzung OEO nicht nur Energiebegriffe, sondern auch abstraktere Begriffe, die Tätigkeiten der Energieforschung (Bsp: wind turbine placement --> scope bestimmter software)
 - Vereinfachen nach Prozessen oder Tätigkeiten wie Energiesystemanalyse zu suchen --> scope soll direkt mit angezeigt werden
 - Scope der OEO?, eher in einen Modul (bsp. oeo-model?) oder in kompatibler anderer Ontologie
 - würde vielleicht gut in eine oeo foundry passen mit mehreren kleinen Ontologien
 - Nächste Schritte:
 - oeo-foundry Diskussion zuerst zuende führen
 - keine schnelle, sondern tragende Lösung
 - Ziel: Idee zügig vermitteln und Diskurs starten und langfristige Umsetzung planen (vielleicht kleine Beispiel implementieren und für Publikation nutzen)
 - Einbindung vielleicht durch plan specification
 - Umsetzung eventuell erst ab Oktober weil Ende SIROP im September ansteht
- **Industrial processes, materials, commodities, technologies... [LE]**
 - <https://github.com/OpenEnergyPlatform/ontology/issues/1726>
 - <https://github.com/OpenEnergyPlatform/ontology/pull/1840>
 - industrial material und industrial commodity - brauchen wir beides?
 - überarbeiten definition von commodity (interchangable statt exchangable)
 - Widerspruch mit Sektoren?
 - <https://spec.industrialontologies.org/iof/ontology/supplychain/SupplyChain/Industry>
 - <https://spec.industrialontologies.org/iof/ontology/core/Core/ManufacturingProcess> --> das gleiche wie industrial process nur ohne Energie?
 - vielleicht nicht industrial process und industrial technology verwenden, sondern manufacturing process/technology mit alternative labels
 - dann auch industrial plant mit manufacturing plant ersetzen--> manufacturing als

Hauptterm

- Issue und PR so erstmal abschließen @LE
- Neues Issue zu IOF Termen @Eugenio

- **restructure quantity values [MS, all] --> next meeting**
 - <https://github.com/OpenEnergyPlatform/ontology/issues/1875>
 - <https://github.com/OpenEnergyPlatform/ontology/issues/1871#issuecomment-2272756254>
 - Some classes are currently classified as quantity values, but should be actually quantities/qualities:
 - **cost**
 - <https://github.com/OpenEnergyPlatform/ontology/issues/1902>
 - process attribute?
 - **monetary price** (incl. subclasses)
 - <https://github.com/OpenEnergyPlatform/ontology/issues/1902>
 - current definition: *"A monetary price is an economic value that describes the amount of money requested, expected, required or given in exchange for something else."*
 - new definition proposal: *A monetary price is a quality of a good(?) that indicates the value in terms of the amount of money requested, expected, required or given in exchange for something else."*
 - **(specific) space requirement**
 - We have **specific space requirement**: *A specific space requirement is a quantity value that indicates a certain space requirement per nameplate capacity.*
 - We have **space requirement**: *A space requirement is a two-dimensional spatial region that covers the area needed by an object or object aggregate.*
 - I'd argue
 - that the **space requirement** is the quantity (not a spatial region!).
 - that the **specific space requirement** is probably a relational quantity value (which we've planned to define, see above).
 - 'material entity' 'has quality' some 'space requirement'
 - 'space requirement' 'has quantity value' some ('area value' or 'volume')

- **unit PR [LE, MS]**
 - <https://github.com/OpenEnergyPlatform/ontology/pull/1892>

OEKG

Other Topics

Collection of Tasks:

- Add something @A