OEO Developer Meeting #34

Pads:

- Notes from last meeting: https://etherpad.wikimedia.org/p/oeo-dev-33
- Pad to this meeting: https://etherpad.wikimedia.org/p/oeo-dev-34
- Pad for next meeting: https://etherpad.wikimedia.org/p/oeo-dev-35

Date: 10.03.2022

Participants:

- moderator: Christoph
- main reporter: Ludwig
- next meeting organiser: Kai
- developers with affiliation:
    - Christoph (RLI)
    - Martin (OvGU)
    - Janna (OvGU) only until 10:30
    - Alex (OvGU)
    - Ludwig (RLI)
    - Eugenio (DLR)
    - Vera (IER)
    - Kai (IER)
    - Adel (OvGU)

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, DFN)

Agenda:

- Release - oeo-release-1.9.0 01.03.22
    - Alex and Christoph joined release team

- Annotation properties [JH]
    - follow up issue by Lukas (maybe disscuss in this meeting)
    - https://github.com/OpenEnergyPlatform/ontology/issues/617
    - missing RO axioms
        - continue discussion in issues
        - "energy" breaks things

- Publish in Open Data cloud (OnToology) [MG]

- https://github.com/OpenEnergyPlatform/ontology/issues/25
- other lists:
  - OLS: https://www.ebi.ac.uk/ols/index
  - We may consider registering the OEO at OLS. This is a well-known registry for ontologies that also features most of the OBO ontologies

- Definition of projection [MS]
  - https://github.com/OpenEnergyPlatform/ontology/issues/970
    - Summary: To distinguish Projection from Scenario.
    - Different from forecast and prediction.
  - maybe also look at 'calibration' issue while discussing?
  - https://github.com/OpenEnergyPlatform/ontology/issues/1040

- OEO and Metadata 1.5.1: new terms from OEP users that want to annotate their data --> [LH, HF]
  - point to ontology term -> 2 ways:
    - 1. annotate the data in the metadata (see poster)
      - https://next.rl-institut.de/s/Ngaqi4dq3YTizM3
    - 2. translate metadata in OEO and RDF
      - https://github.com/OpenEnergyPlatform/oemetadata/issues/58
    - Eugenio interested in participatin in dev/testing process

- Energy as commodity - https://github.com/OpenEnergyPlatform/ontology/issues/1030 [MS, LE]
  - help from JH is appreciated :)
    - postpone to next meeting

- Energy and Sustainability WS in Sweden
  - overall event: 15-19.08.22 in Jönköping University, Jönköping, Sweden.
  - WS (1/2 day) accepted, no specific date yet
  - Hybrid event,
  - [TODO] create website, plan paper

- midterm dev ontology
  - strategic development of OEO
  - What topics need to be covered in the near/mid-future in OEO?
  - overall topics
    - Study factsheets / Scenarios [SIROP]
    - Model factsheets (software)
    - Model inputs / outputs [LOD]
    - Meteo .. [LOD]
    - Demands (materials, Transport, Industry)

- Metadata [SIROP]
- Industry & Mobility & Power-to-X & Heat [SEDOS]

- Release process
    - -> switch from milestones to "Github Projects"? Kanban - better project management
    - https://github.com/OpenEnergyPlatform/ontology/milestones
    - https://github.com/OpenEnergyPlatform/ontology/projects
        - topics will be milestones
        - releases (github project) can cover several milestones)

- Metrics - better overview of already implemented classes and topics needed for outside communication
    - simple measurement metrics (counting of classes in one sector)
    - two/three bad metrics:
        - 1. Need a list of existing terms - Compare to existing OEO terms
        - 2. Coverage of existing models/data sets
        - 3. open/closed issues
    - Create a collection of terms / do not open issues yet
    - develop competency questions (unit tests for the ontology)
        - Relly useful for thesis (MA & PHD)
        - Natural language questions in the scope of the OEO

- Template - Ontology Workspace (use for joint development) [NAME]
    - Issue-Link
    - Collect related terms
    - Create an aristotelian Definition
    - Find Axioms
    - ...