OEO Developer Meeting #20

Pads:
• Notes from last meeting: https://etherpad.wikimedia.org/p/oeo-dev-19
• Pad to this meeting: https://etherpad.wikimedia.org/p/oeo-dev-20
• Pad for next meeting: https://etherpad.wikimedia.org/p/oeo-dev-21

Date:
• 2021-07-01, 10:00 – 12:00

Participants: Simon, Vera, Mirjam, Christian, Ulrich, Hedda, Carsten

• moderator: Mirjam
• protocol: Hedda, all
• next meeting organisier: Hedda (supported by Mirjam and Carsten)

Preparation:
• Read last protocol: https://github.com/OpenEnergyPlatform/ontology/wiki/OEO-developermeetings
• https://etherpad.wikimedia.org/p/oeo-dev-19
• Check issues for next release:
https://github.com/OpenEnergyPlatform/ontology/milestones
• Load software (GitHub, git, Protégé, DFN)

Agenda

Results from OEO-Dev-Market Meeting (June 25th)

- Reported by Ulrich
- Protocol to be found here: https://etherpad.wikimedia.org/p/oeo-dev-markets
- Terms from meeting notes that are marked as "tbd domain experts":
    o **Dispatch assignment**: The term 'dispatch' refers to resource planning at a power plant by the plant's operator.
        ▪ classification: plan specification
        ▪ dispatch assignment is a plan specification that refers to resource planning at a power plant (usually by the plant's operator).
        ▪ oeo-social? plan specification is in "iao-module.owl" so ?
    o **Power plant portfolio**: the particular combination or mix of different power plants, e.g. renewables and fossil plants within one business unit or company or trader.
        ▪ A power plant portfolio is an information content entity that describes a particular combination or mix of different power plants, e.g. renewables and fossil plants within one business unit or company or trader.

- classification: information content entity ?
- related: is traded at energy market exchange
- **YieldProfile** is a generation time series of a particular renewable power plant.
  - upper class: time series
  - generation time series is a time series that describes the specific electricity generation of a particular power plant.
- **DemandTrader**: A trader that is the relay to agents that have a demand
  - demand in oeo: A demand is a realizable entity that is characterised by a person, organisation or object needing it for a specific purpose.
  - if trader is implemented => not needed, type of trader
  - upper class trader
  - A demand trader is a trader that deals specifically with energy demand.
- **Full load hours**
  - quantity value: Full load hours are a quantity value that describe the utilization of a technical device. The value of the full load hours is obtained by dividing the annual amount of energy generated by the declared net capacity of the plant.
  - axiom: has unit some hour
  - implementation in oeo-physical
  - technical device: all "devices" that can be switched on/off ? --> issue about device: https://github.com/OpenEnergyPlatform/ontology/issues/465
  - classification:
    - process attribute of power generating process
    - or time series
    - information content entity
    - --> quantity value
- **Direct marketer** is a trader who is the relay between the energy exchange and power plant operators.
  - upper class: trader
  - implementation in oeo-social
- **markup / markdown**
  - an amount added or deducted to/from the cost price to determine the selling price
  - do we need this? --> next meeting
- **Product product**
  - something (such as a service) that is marketed or sold as a commodity
  - manufactured commodity, disjoint from service
  - how does this relate to service? is commodity sufficient?
  - --> next meeting
- Provider directly under "thing"
  - Please check implementation
  - --> fixed in https://github.com/OpenEnergyPlatform/ontology/pull/783
- Future task: define "energy demand" (we already have "energy demand sector")
  - @CH open issue: define "energy demand" (we already have "energy demand sector")

New OEO-HiWi

- Kai, Student at IER University of Stuttgart

What happened to our CI?

- [https://github.com/OpenEnergyPlatform/ontology/discussions/777)](https://github.com/OpenEnergyPlatform/ontology/discussions/777)
- travis deprecated? It doesn't start automatically anymore.
- travis.org is now travis.com
- stays free or switch to github actions?
- ToDo: SF talks to MG

Release process

- @Simon implementiert und releast
- @CH macht Review 782