

Issue: subclasses of energy transformation

How the issue came up:

- *Energy production* was renamed and redefined to *energy transformation*
- Subclasses of energy production were deleted (solar photovoltaic, tide wave ocean, nuclear energy production) and we wanted to discuss them from scratch

We agreed that instead of subclasses, relations can be used:

- energy converting devices participates in energy transformation
- And
- Power generating unit participates in energy transformation
- Power plant participates in energy transformation

Possible Use cases

- Someone wants to annotate a dataset with technology characterisation, e.g. the efficiencies, of different energy transformation processes:
 - energy conversion efficiency is the process attribute of energy transformation
→ energy transformation needs to be more specified e.g. the efficiency from biogas to electric energy (biogas power plant) is different than the efficiency from coal to electric energy (coal power plant)
 - We also talked about emission coefficients but this is already solved differently (with the new process fuel-powered electricity generation)

	value		
Coal power plant	0.3		
Biomass	0.4		