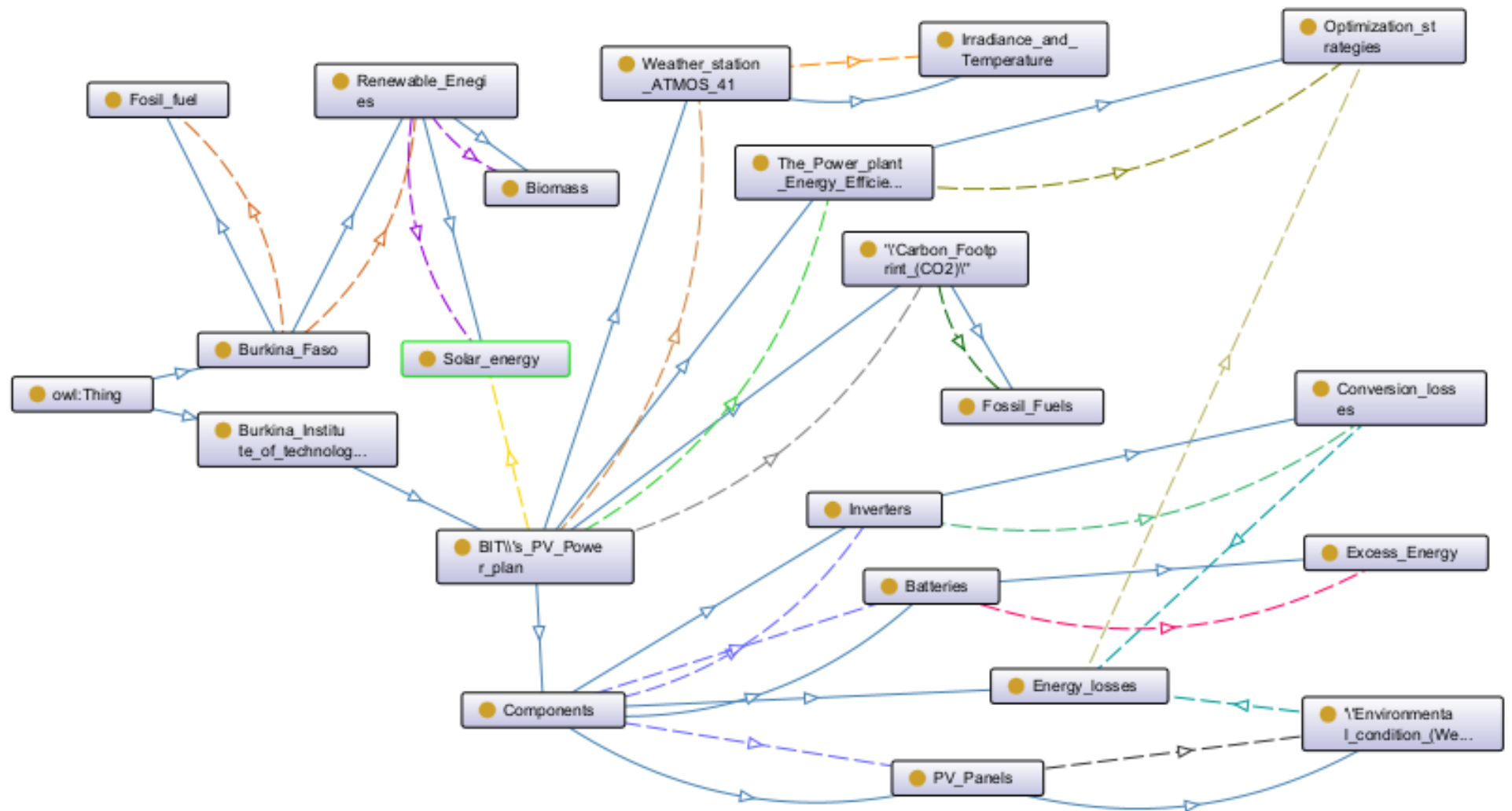


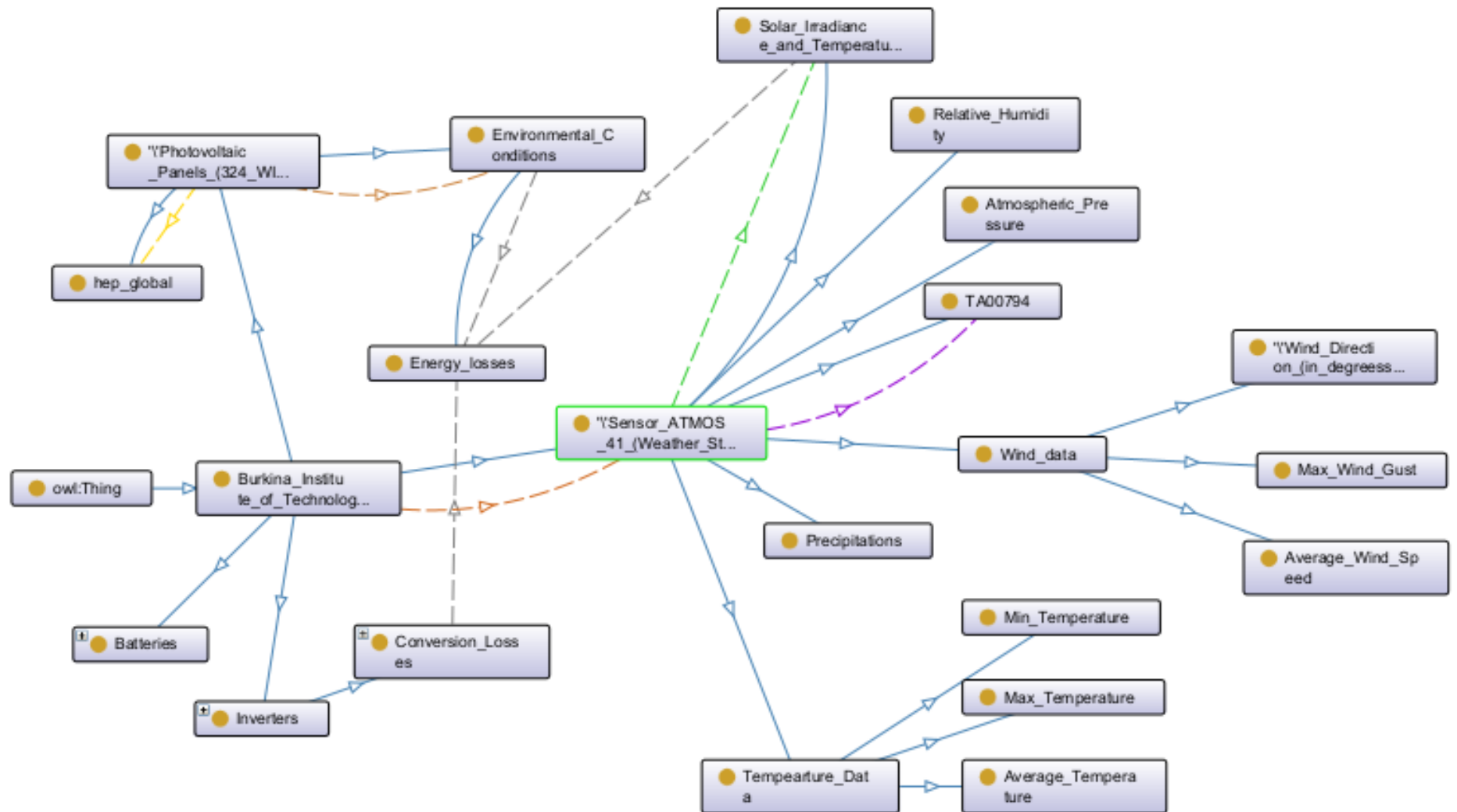
## General overview

Class	Object	Relationship
Burkina Faso	Renewable Energies	<i>Used as main energy sourcess</i>
Renewable Energies	Solar Energy	<i>Includes</i>
Solar Energy	BIT PV Power Plant	<i>Utilized by</i>
Photovoltaic Panels	Environmental Conditions	<i>Affected by</i>
	Photovoltaic Panels (WINAICO WST-260P6)	
BIT PV Power Plant	Inverters	<i>Includes</i>
	Batteries	
Inverters	Conversion Losses	<i>Experience</i>
BIT PV Power Plant	Weather Station (ATMOS 41)	<i>Monitored by</i>
Weather Station	Irradiance and Temperature	<i>Measures</i>
Environmental Conditions	Energy Losses	<i>Cause</i>
Batteries	Excess Energy	<i>Store</i>
BIT PV Power Plant	Energy Losses	<i>Experiences</i>
BIT PV Power Plant	Carbon Footprint	<i>Reduces</i>
Carbon Footprint	Fossil Fuels	<i>Lower than</i>
BIT PV Power Plant	Suppliers (hep global, ABB, SMA Solar)	<i>Supplied by</i>

## Overview



### Ontology with characteristics of the sensor



## Ontology with Supply chain

