

## III.20

# Energetické zdroje

- Energy Resources Base
- Energy Resources Vector
- Energy Resources Coverage
- Energy Statistics

# Vysvětlivky

**objekt reálného světa**

**povinný atribut objektu**

zrušitelný atribut objektu (voidable)

omezení

**datový typ**

**povinný atribut datového typu**

zrušitelný atribut datového typu (voidable)

**číselník**

hodnota číselníku

**spojení**

**prvky pro spojení**

# Energy Resources Base

## ClassificationAndQuantificationFrameworkValue

Norwegian Petroleum Directorate classification (NPD-2001)
Pan-European Code for Reporting of Exploration Results, Mineral Resources and Reserves (PERC)
Petroleum Resources Management System
Russian reserve guidelines
United Nations Framework Classification (1997)
United Nations Framework Classification (2004)
United Nations Framework Classification (2009)
United States Geological Survey
and additional values at any level defined by data providers

## VerticalReferenceValue

ground level	mean sea level
lowest astronomical tide	seafloor
and additional values at any level defined by data providers	

## FossilFuelValue

crude oil	natural gas liquids
hard coal	oil sands
low-rank coal	oil shales
natural gas	peat

## FossilFuelClassValue

contingent resources
proven reserves
resources initially in place
and additional values at any level defined by data providers

## RenewableAndWasteValue

biogas	solar photovoltaic
geothermal	solar thermal
hydro power	solid biomass
industrial waste	tide, wave, ocean
liquid biofuels	wind
municipal solid waste	

## VerticalExtentRangeType

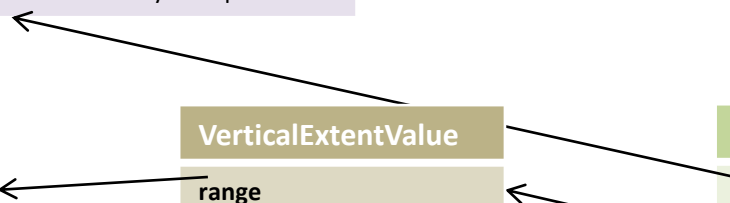
upperBound
lowerBound

## VerticalExtentValue

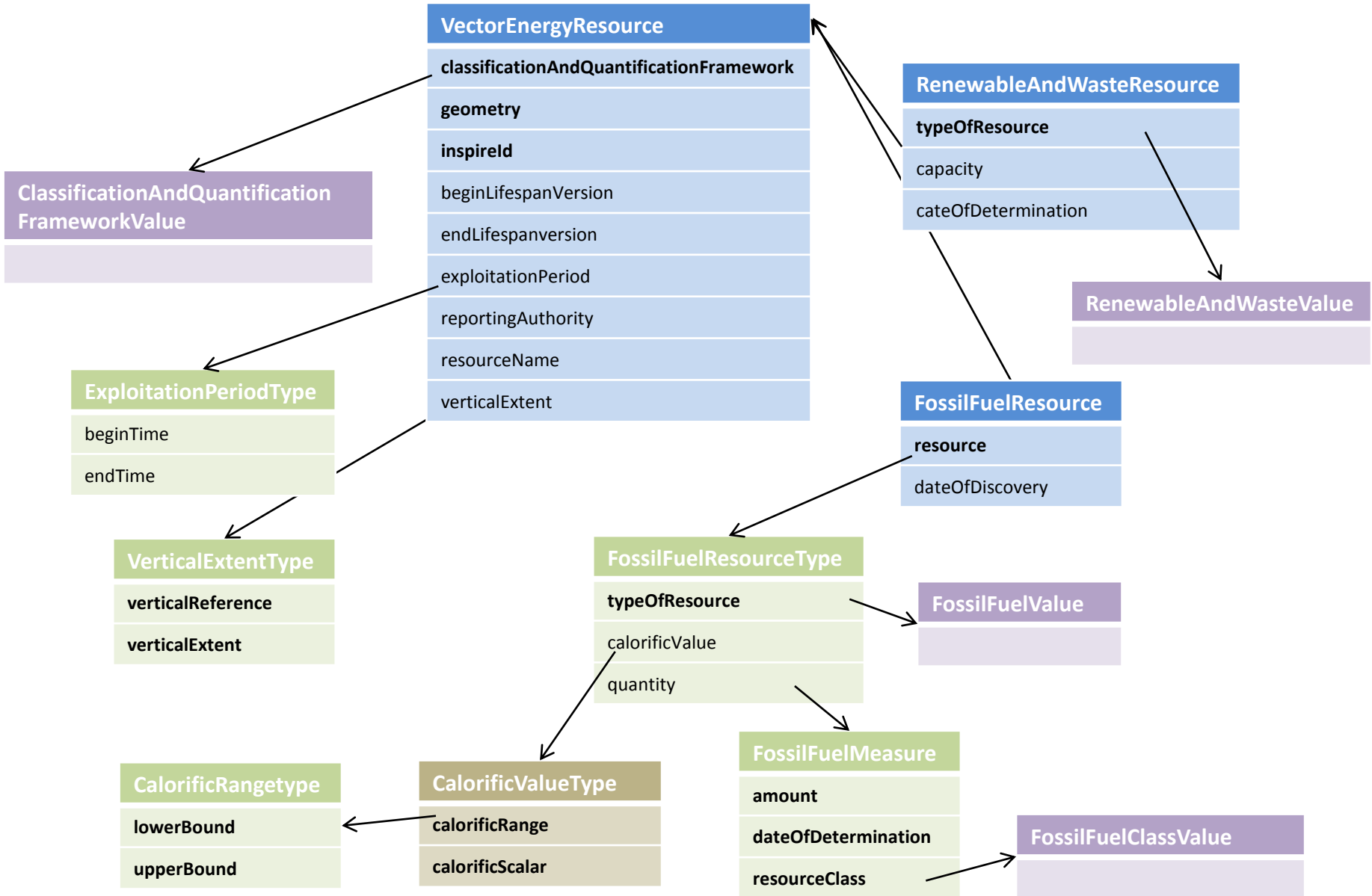
range
scalar

## VerticalExtentType

verticalReference
verticalExtent



# Energy Resources Vector



# Energy Resources Coverage

INSPIRE Data Specifications – Base Models  
– Coverage Types, version 1.0 [DS-D2.10.2]

<b>Coverage</b>
<b>CoverageByDomainAndRange</b>
domainSet
coverageFunction
rangeSet
gridFunctionRequiresGridDomain

<b>RenewableAndWastePotentialCoverage</b>
domainExtent
inspireId
potentialType
typeOfResource
assessmentMethod
name
validTime
verticalExtent
beginLifespanVersion
endLifespanVersion

<b>WindPotentialValue</b>
average mean wind power density
average mean wind speed
and additional values at any level defined by data providers

<b>PotentialTypeValue</b>
any values defined by data providers

<b>HydroPotentialValue</b>
potential hydro power
and additional values at any level defined by data providers

<b>TidalPotentialValue</b>	
average peak flow	mean neap tide peak flow
average tidal power	mean spring tidal power
mean neap tidal power	mean spring tidal range
mean neap tidal range	mean spring tide peak flow
and additional values at any level defined by data providers	

<b>RenewableAndWasteValue</b>

<b>GeothermalPotentialValue</b>	
geothermal gradient	temperature
and additional values at any level defined by data providers	

<b>VerticalExtentType</b>
verticalReference
verticalExtent

<b>SolarPotentialValue</b>	
diffuse irradiance	direct normal irradiation
diffuse irradiation	global horizontal irradiance
direct normal irradiation	global horizontal irradiation
and additional values at any level defined by data providers	

# Energy Statistics

