

# Géostandard de réseaux

StaR-DT

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# Modèle de données

- Source IMKL (belge/néerlandais)



# Modèle de données

- Mise en correspondance avec INSPIRE
- Beaucoup de listes de code INSPIRE réutilisées

Application Schema 'Common Utility Network Elements' (version 3.0)							Type	Documentat	
Type	Documentation	Attribute / Association role	Constraint	Attribute / Association role / Constraint	Values / Enumerations	Multiplicity	Voidable / Non-Voidable	Type	Documentat
<b>UtilityNode</b> Supertypes: <i>UtilityNodeContainerUtilityNetworkElement</i>	-- Name -- pole Simple pole (mast) object which may carry utility objects belonging to either single or multiple utility networks. Poles represent node objects that can support utility devices and cables.							<b>Pole</b> Supertypes: <i>ContainerUtilityNetworkElement</i>	
		<b>currentStatus</b>		-- Name -- current status The status of an utility	ConditionOfFacilityValue *disused* functional*	1	voidable		
		<b>validFrom</b>		-- Name -- valid from The time when the utility	DateTime	1	voidable		
		<b>validTo</b>		-- Name -- valid to The time from which the	DateTime	0..1	voidable		
		<b>verticalPosition</b>		-- Name -- vertical position Vertical	VerticalPositionValue* onGroundSurface*	1	voidable		
		<b>utilityFacilityReference</b>		-- Name -- utility facility reference Reference	ActivityComplex	0..1	voidable		voidReasonValue = "unpopulated"
		<b>governmentalService</b>		-- Name -- governmental service reference	GovernmentalService	0..1	voidable		voidReasonValue = "unpopulated"
		<b>geometry</b>		-- Name -- geometry Location of the utility	GM_Point	1			only localId is filled
		<b>inspireId</b>		External object identifier of the spatial object	Identifier	0..1			voidReasonValue = "unpopulated"
		<b>nodes</b>		-- Name -- nodes Contained utility nodes	UtilityNode	0..*	voidable		
		<b>poleHeight</b>		-- Name -- pole height The height of the	Length	1	voidable		
<b>UtilityCabinet</b> Supertypes: <i>UtilityNodeContainerUtilityNetworkElement</i>	-- Name -- cabinet Simple cabinet object which may carry utility objects belonging to either single or multiple utility networks. Cabinets							<b>Coffret, BatimentTechnique</b> Supertypes: <i>ContainerUtilityNetworkElement</i>	
		<b>currentStatus</b>		-- Name -- current status The status of an utility	ConditionOfFacilityValue *disused* functional*	1	voidable		
		<b>validFrom</b>		-- Name -- valid from The time when the utility	DateTime	1	voidable		

Informations complémentaires (côtes, annotations, détails complémentaires, etc.)

## Informations génériques de réseau

Linéaires

Ponctuels

Conteneurs de nœuds

Digues

Canalisation  
des  
différents  
types

Câbles de  
différents  
types

Fourreau,  
Galerie,  
Tranchée

Accessoires  
de réseau

Poteau,  
pylône

Coffret,  
regard,  
bâtiment  
technique

# Reste à faire

- Travail sur la représentation des données
  - Sources IMKL à l'étude

Thème	Attribut	Code	PROBL
electricity	appurtenanceType	<a href="http://mir.agiv.be/c1/IMKL/v2/ElectricityAppurtenanceTypeIMKLValue/wanding">http://mir.agiv.be/c1/IMKL/v2/ElectricityAppurtenanceTypeIMKLValue/wanding</a>	
electricity	appurtenanceType	<a href="http://mir.agiv.be/c1/IMKL/v2/ElectricityAppurtenanceTypeIMKLValue/mof">http://mir.agiv.be/c1/IMKL/v2/ElectricityAppurtenanceTypeIMKLValue/mof</a>	
electricity	appurtenanceType	<a href="http://inspire.ec.europa.eu/code/ist/ElectricityAppurtenanceTypeExtendedValue/deliveryPoint">http://inspire.ec.europa.eu/code/ist/ElectricityAppurtenanceTypeExtendedValue/deliveryPoint</a>	
electricity	appurtenanceType	<a href="http://inspire.ec.europa.eu/code/ist/ElectricityAppurtenanceTypeExtendedValue/streetLight">http://inspire.ec.europa.eu/code/ist/ElectricityAppurtenanceTypeExtendedValue/streetLight</a>	
electricity	appurtenanceType	<a href="http://inspire.ec.europa.eu/code/ist/ElectricityAppurtenanceTypeExtendedValue/marker">http://inspire.ec.europa.eu/code/ist/ElectricityAppurtenanceTypeExtendedValue/marker</a>	
telecom	appurtenanceType	<a href="http://inspire.ec.europa.eu/code/ist/TelecommunicationsAppurtenanceTypeExtendedValue/spliceClosure">http://inspire.ec.europa.eu/code/ist/TelecommunicationsAppurtenanceTypeExtendedValue/spliceClosure</a>	
telecom	appurtenanceType	<a href="http://inspire.ec.europa.eu/code/ist/TelecommunicationsAppurtenanceTypeExtendedValue/termination">http://inspire.ec.europa.eu/code/ist/TelecommunicationsAppurtenanceTypeExtendedValue/termination</a>	
oilGasChemicals	appurtenanceType	<a href="http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/luchtbaiken">http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/luchtbaiken</a>	
oilGasChemicals	appurtenanceType	<a href="http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/eindkap">http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/eindkap</a>	
oilGasChemicals	appurtenanceType	<a href="http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/mof">http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/mof</a>	
oilGasChemicals	appurtenanceType	<a href="http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/verloopstuk">http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/verloopstuk</a>	
oilGasChemicals	appurtenanceType	<a href="http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/afsluiter">http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/afsluiter</a>	
oilGasChemicals	appurtenanceType	<a href="http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/mestpunt">http://mir.agiv.be/c1/IMKL/v2/OilGasChemicalsAppurtenanceTypeIMKLValue/mestpunt</a>	

- Réalisation de jeux tests