GM_Curve: GM_Curve localid: CharacterString diurnalVariation: DiurnalVariation [0..1] GM_Point: GM_Point namespace: CharacterString emissionHeight: Real GM_Surface: GM_Surface versionId: CharacterString [0..1] heatContent: HeatContent spread: Real [0..1] +connection 0.3 +building\ / 0..1 GeoObject «dataType» «featureType» CalculatedHeatContent Building «dataType» «dataType» emissionTemperature: Real [0..1] geometry: GM_Surface SpecifiedHeatContent HeatContent outflowDiameter: Real height: Real outflowDirection: OutflowDirectionType value: Real label: CharacterString [0..1] outflowVelocity: Real «identificatie» outflowVelocityType: OutflowVelocityType identifier: NEN3610ID «dataType» «dataType» «dataType» AeriusCalculatorMetadata VersionMetadata SituationMetadata calculation: CalculationMetadata [0..1] aeriusVersion: CharacterString name: CharacterString [0..1] databaseVersion: CharacterString nettingFactor: Real [0..1] project: ProjectMetadata situation: SituationMetadata [0..1] reference: CharacterString [0..1] version: VersionMetadata [0..1] situationType: SituationType «dataType» «dataType» «dataType» CalculationMetadata ProjectMetadata Address corporation: CharacterString [0..1] maximumRange: Real [0..1] city: CharacterString monitorSrm2Year: Integer [0..1] description: CharacterString [0..1] postcode: CharacterString option: CalculationOption [0..*] facilityLocation: Address [0..1] streetAddress: CharacterString researchArea: Boolean [0..1] name: CharacterString [0..1] permitCalculationRadiusType: CharacterString [0..1] resultType: ResultType [1..*] substance: Substance [1..*] temporaryPeriod: Integer [0..1] type: CalculationType year: Integer «dataType» «dataType» «dataType» «dataType» StandardDiurnalVariation DiurnalVariation ReferenceDiurnalVariation CalculationOption standardType: CharacterString key: CharacterString value: CharacterString 0..* +connection +customDiurnalVariation

«type»

CustomDiurnalVariation

customType: CharacterString label: CharacterString [0..1] value: Integer [1..*]

«dataType»

NEN3610ID

«dataType»

EmissionSourceCharacteristics

«union»

EmissionSourceGeometry

«dataType»

Definitions

customDiurnalVariation: CustomDiurnalVariation [0..*]

«enumeration» **Substance**

NH3 NOX NO2 PM10 PM25 EC

«enumeration»

StandardVehicleType

LIGHT_TRAFFIC NORMAL_FREIGHT HEAVY_FREIGHT AUTO_BUS

«enumeration»

RejectionGrounds

NONE
COMPLIANCE_CRITERION
EXPOSURE_CRITERION
OTHER

«enumeration»

TreeProfile

NONE_OR_FEW SEPARATED PACKED

«enumeration»
SituationType

REFERENCE PROPOSED TEMPORARY NETTING COMBINATION_REFERENCE COMBINATION_PROPOSED «enumeration»
TimeUnit

HOUR DAY MONTH YEAR

«enumeration»
RoadSideBarrierType

SCREEN WALL

«enumeration»

OutflowDirectionType

VERTICAL HORIZONTAL

«enumeration»

MonitorSubstance

NONE PM10_ONLY ALL

> «enumeration» SpeedProfile

URBAN_TRAFFIC_STAGNATING
URBAN_TRAFFIC_NORMAL
URBAN_TRAFFIC_FREE_FLOW
NON_URBAN_TRAFFIC

«enumeration»
TrafficDirection

BOTH A_TO_B B_TO_A «enumeration»
ResultType

DEPOSITION
CONCENTRATION
EXCEEDANCE_DAYS
EXCEEDANCE_HOURS

«enumeration» RoadElevation

NORMAL NORMAL_DYKE STEEP_DYKE VIADUCT TUNNEL

«enumeration»
WaterwayDirectionType

IRRELEVANT UPSTREAM DOWNSTREAM

«enumeration» RoadProfile

WIDE_STREET_CANYON NARROW_STREET_CANYON ONE_SIDE_BUILDINGS OTHER

«enumeration»

OutflowVelocityType

ACTUAL_FLOW NORMALISED_FLOW «enumeration» CalculationType

PERMIT
NATURE_AREA
RADIUS
CUSTOM_POINTS

«enumeration»
MaritimeShippingMovementType

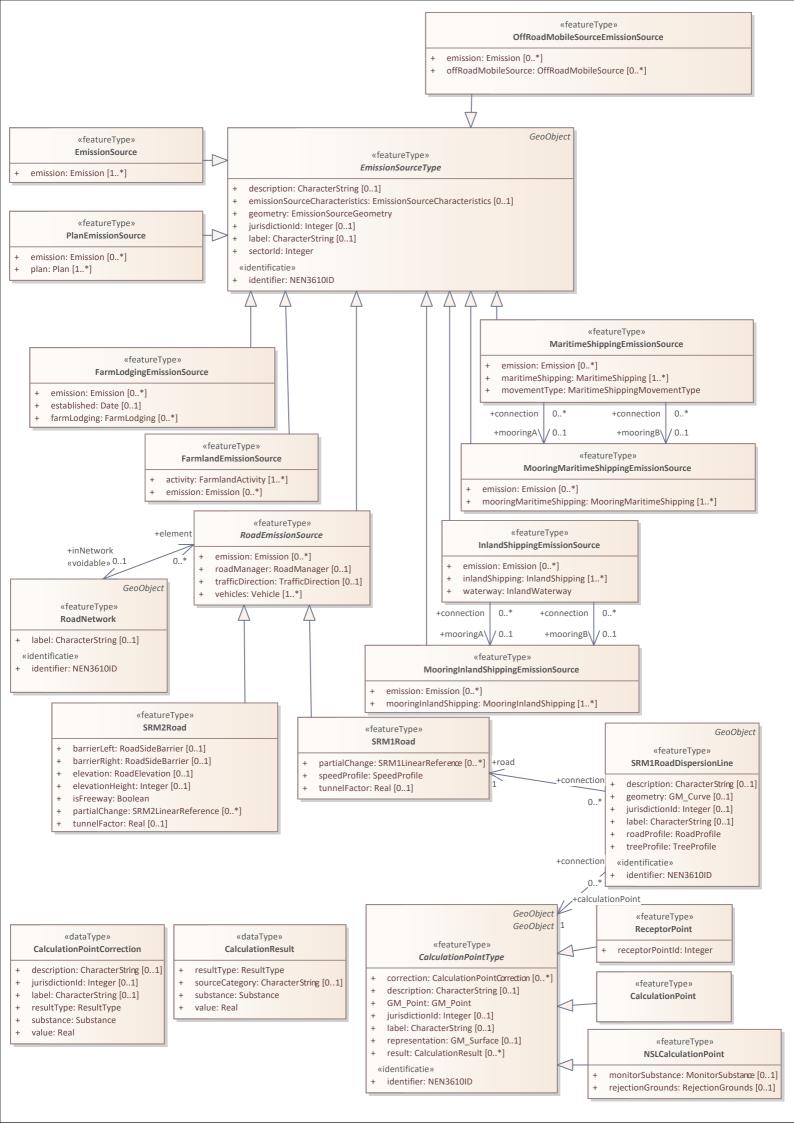
INLAND MARITIME

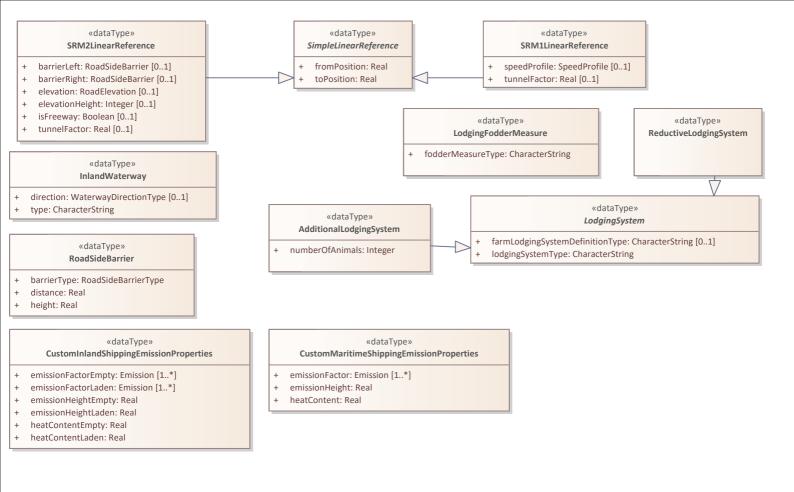
«enumeration»
InlandRouteDirectionType

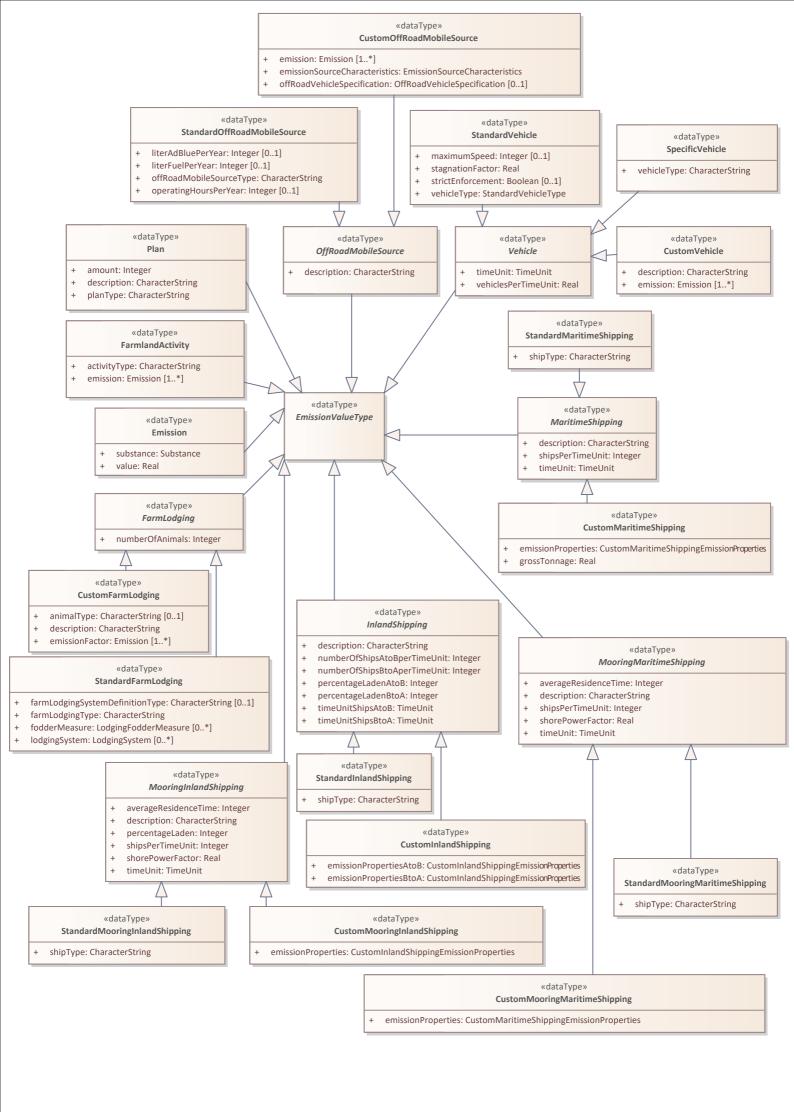
ARRIVE DEPART

«enumeration» RoadManager

MUNICIPALITY
PROVINCE
STATE
WATER_AUTHORITY
PRIVATE







«dataType» «dataType» «dataType» ConsumptionOffRoadVehicleSpecification OffRoadVehicleSpecification OperatingHoursOffRoadVehicleSpecification consumption: Integer fuelType: CharacterString emissionFactor: Emission [1..*] emissionFactor: Emission [1..*] load: Integer energyEfficiency: Integer operatingHours: Integer power: Integer GeoObject «featureType» SRM1RoadMeasureArea description: CharacterString [0..1] geometry: GM_Surface

jurisdictionId: Integer [0..1] label: CharacterString [0..1] measure: SRM1RoadMeasure [1..*]

«dataType»
SRM1RoadMeasure

reduction: EmissionReduction [1..*]
speedProfile: SpeedProfile
vehicleType: StandardVehicleType

«dataType»
EmissionReduction

factor: Real substance: Substance

«identificatie»
identifier: NEN3610ID