

INSPIRE-Datenmodelle

Was steckt dahinter ?

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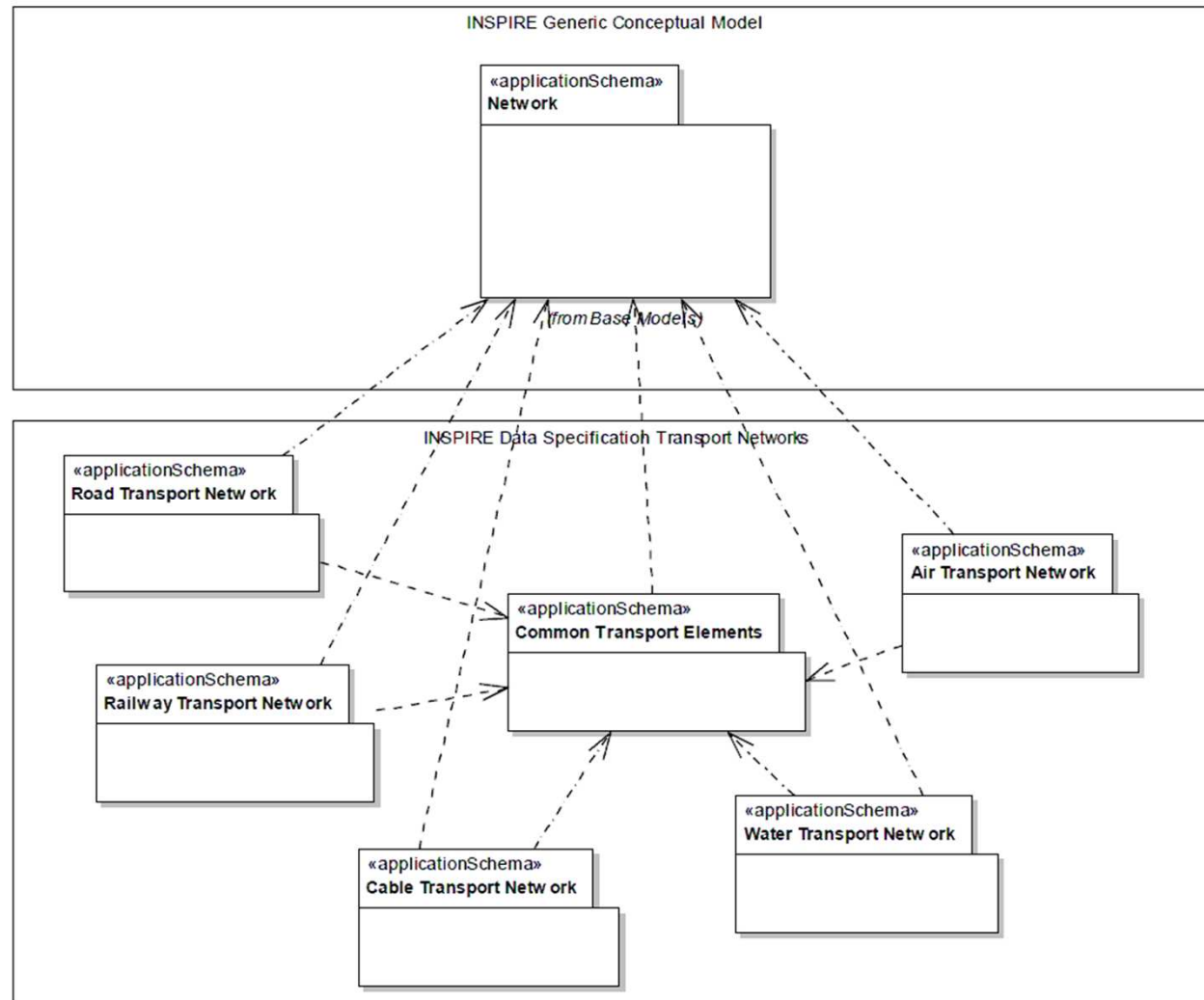


INSPIRE Infrastructure for Spatial Information in Europe

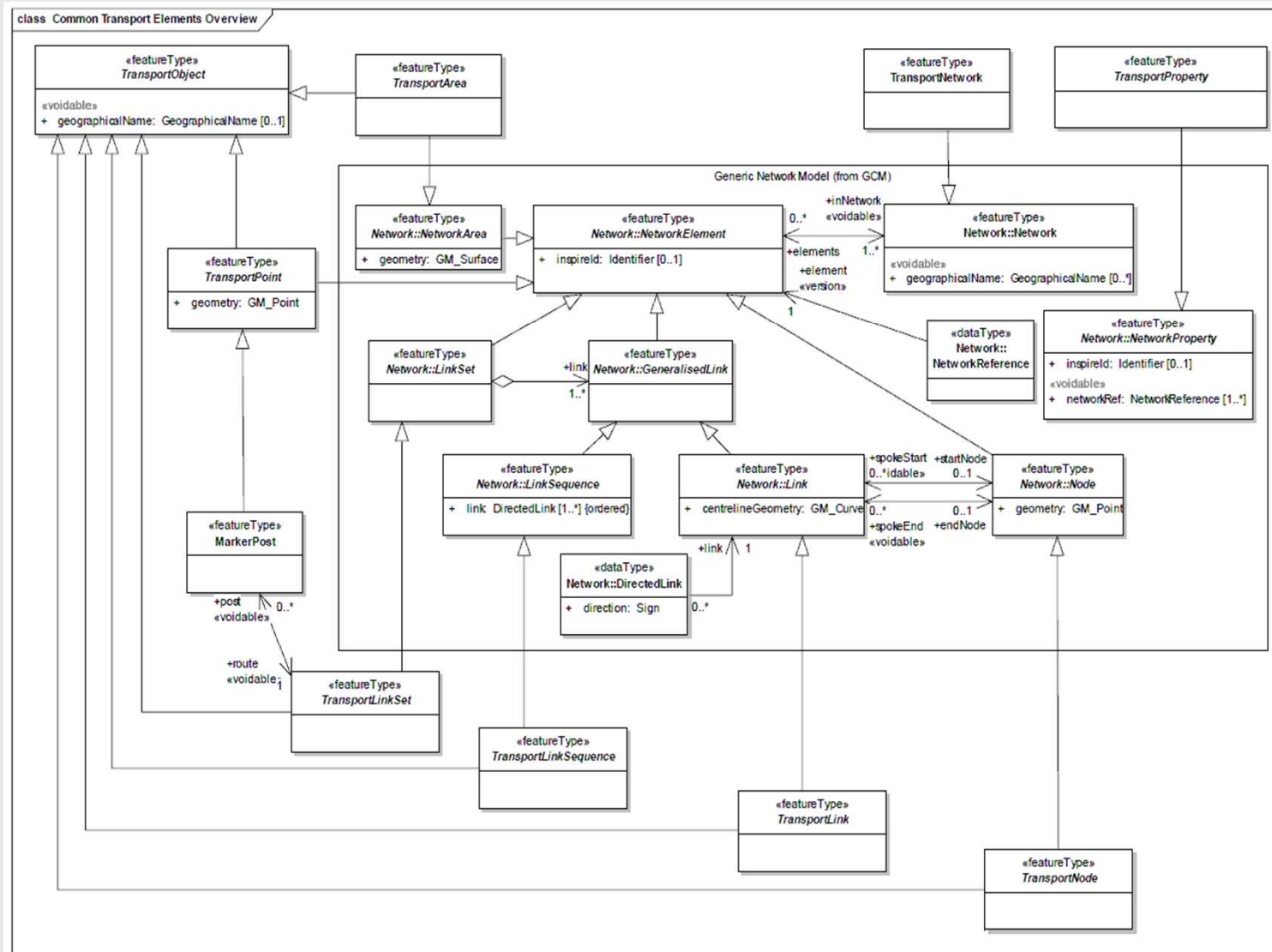
D2.8.1.7 INSPIRE Data Specification on Transport Networks – Guidelines

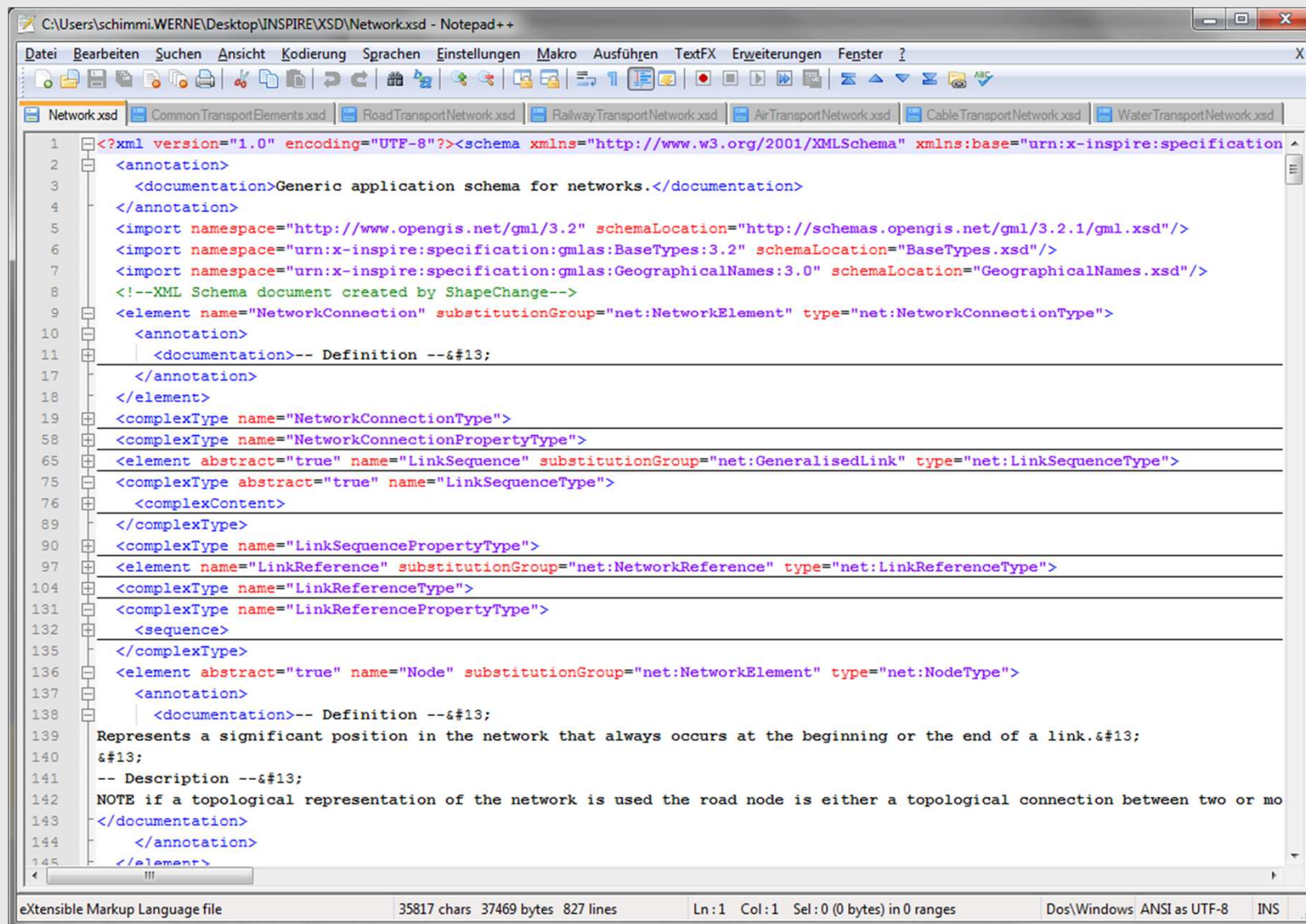
Title	D2.8.1.7 INSPIRE Data Specification on <i>Transport Networks</i> – Guidelines
Creator	INSPIRE Thematic Working Group <i>Transport Networks</i>
Date	2009-10-02
Subject	INSPIRE Data Specification for the spatial data theme <i>Transport Networks</i>
Publisher	INSPIRE Thematic Working Group <i>Transport Networks</i>
Type	Text
Description	This document describes the INSPIRE Data Specification for the spatial data theme <i>Transport Networks</i>
Contributor	Members of the INSPIRE Thematic Working Group <i>Transport Networks</i>
Format	Portable Document Format (PDF)

class Transport Networks overview



Transport Networks in UML





```
1 <?xml version="1.0" encoding="UTF-8"?><schema xmlns="http://www.w3.org/2001/XMLSchema" xmlns:base="urn:x-inspire:specification"
2 <annotation>
3   <documentation>Generic application schema for networks.</documentation>
4 </annotation>
5 <import namespace="http://www.opengis.net/gml/3.2" schemaLocation="http://schemas.opengis.net/gml/3.2.1/gml.xsd"/>
6 <import namespace="urn:x-inspire:specification:gmlas:BaseTypes:3.2" schemaLocation="BaseTypes.xsd"/>
7 <import namespace="urn:x-inspire:specification:gmlas:GeographicalNames:3.0" schemaLocation="GeographicalNames.xsd"/>
8 <!--XML Schema document created by ShapeChange-->
9 <element name="NetworkConnection" substitutionGroup="net:NetworkElement" type="net:NetworkConnectionType">
10   <annotation>
11     <documentation>-- Definition --&#13;
12   </documentation>
13   </annotation>
14 </element>
15 <complexType name="NetworkConnectionType">
16   <complexContent>
17     <base baseType="net:NetworkElement"/>
18   </complexContent>
19 </complexType>
20 <complexType name="NetworkConnectionPropertyType">
21   <complexContent>
22     <base baseType="net:NetworkElementPropertyType"/>
23   </complexContent>
24 </complexType>
25 <element abstract="true" name="LinkSequence" substitutionGroup="net:GeneralisedLink" type="net:LinkSequenceType">
26   <annotation>
27     <documentation>-- Definition --&#13;
28   </documentation>
29   </annotation>
30 </element>
31 <complexType abstract="true" name="LinkSequenceType">
32   <complexContent>
33     <base baseType="net:GeneralisedLinkType"/>
34   </complexContent>
35 </complexType>
36 <complexType name="LinkSequencePropertyType">
37   <complexContent>
38     <base baseType="net:GeneralisedLinkPropertyType"/>
39   </complexContent>
40 </complexType>
41 <element name="LinkReference" substitutionGroup="net:NetworkReference" type="net:LinkReferenceType">
42   <annotation>
43     <documentation>-- Definition --&#13;
44   </documentation>
45   </annotation>
46 </element>
47 <complexType name="LinkReferenceType">
48   <complexContent>
49     <base baseType="net:NetworkReferenceType"/>
50   </complexContent>
51 </complexType>
52 <complexType name="LinkReferencePropertyType">
53   <complexContent>
54     <base baseType="net:NetworkReferencePropertyType"/>
55   </complexContent>
56 </complexType>
57 <sequence>
58   <element name="link" type="net:LinkSequence" minOccurs="1" maxOccurs="1"/>
59   <element name="linkReference" type="net:LinkReference" minOccurs="1" maxOccurs="1"/>
60 </sequence>
61 </complexType>
62 <element abstract="true" name="Node" substitutionGroup="net:NetworkElement" type="net:NodeType">
63   <annotation>
64     <documentation>-- Definition --&#13;
65     Represents a significant position in the network that always occurs at the beginning or the end of a link.&#13;
66     &#13;
67     -- Description --&#13;
68     NOTE if a topological representation of the network is used the road node is either a topological connection between two or mo
69   </documentation>
70   </annotation>
71 </element>
```



GML 3.2

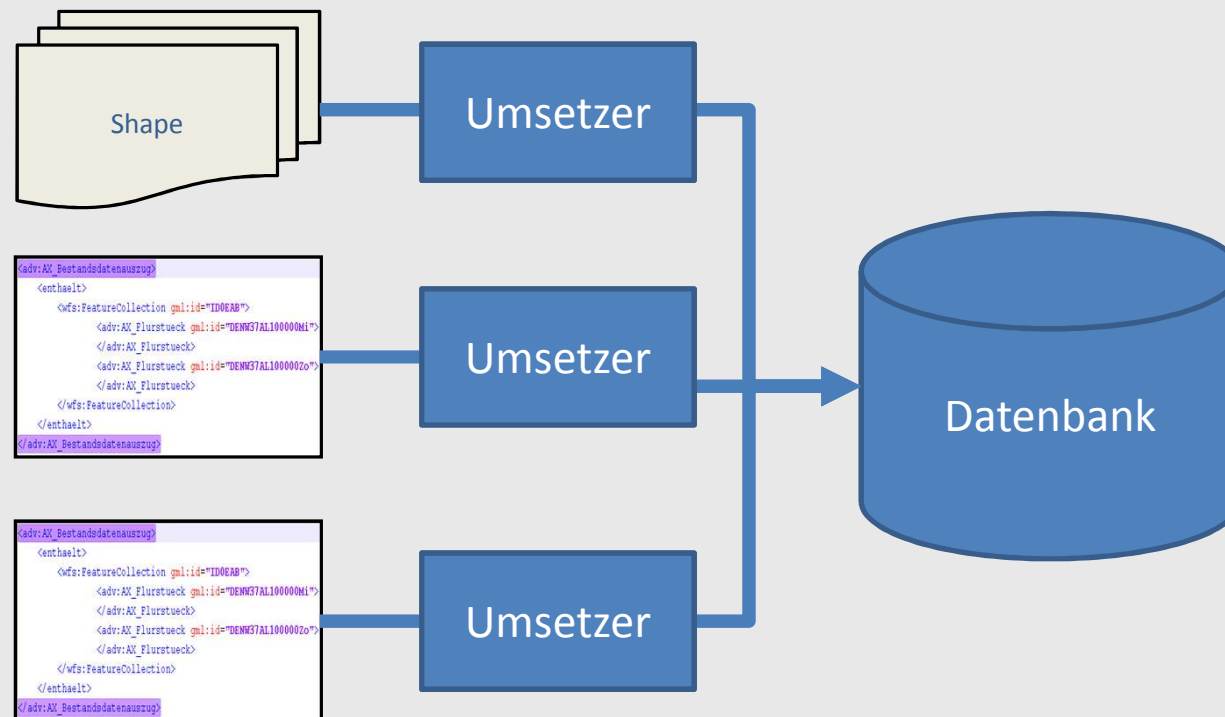
OGC-FE

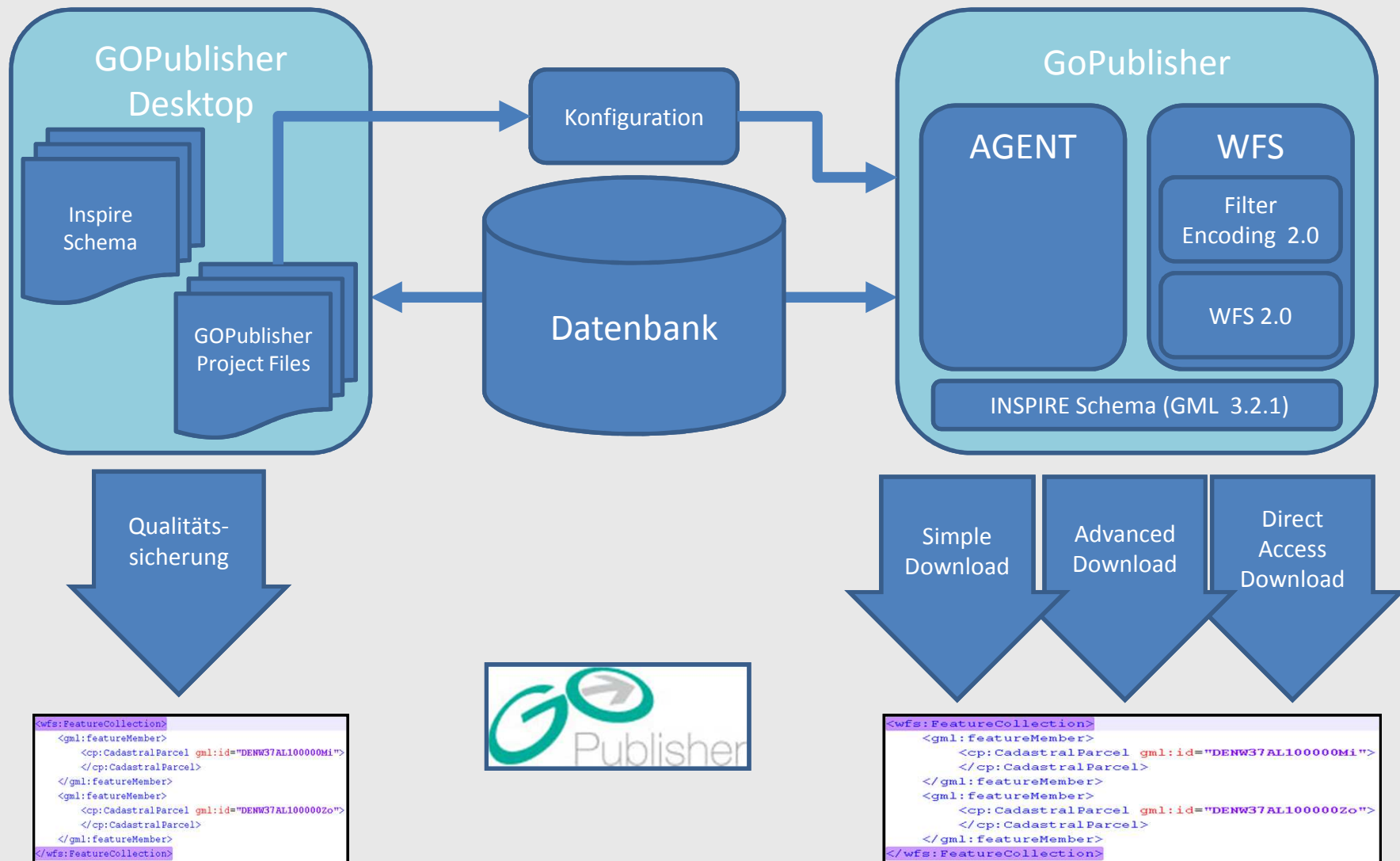
WFS 2.0

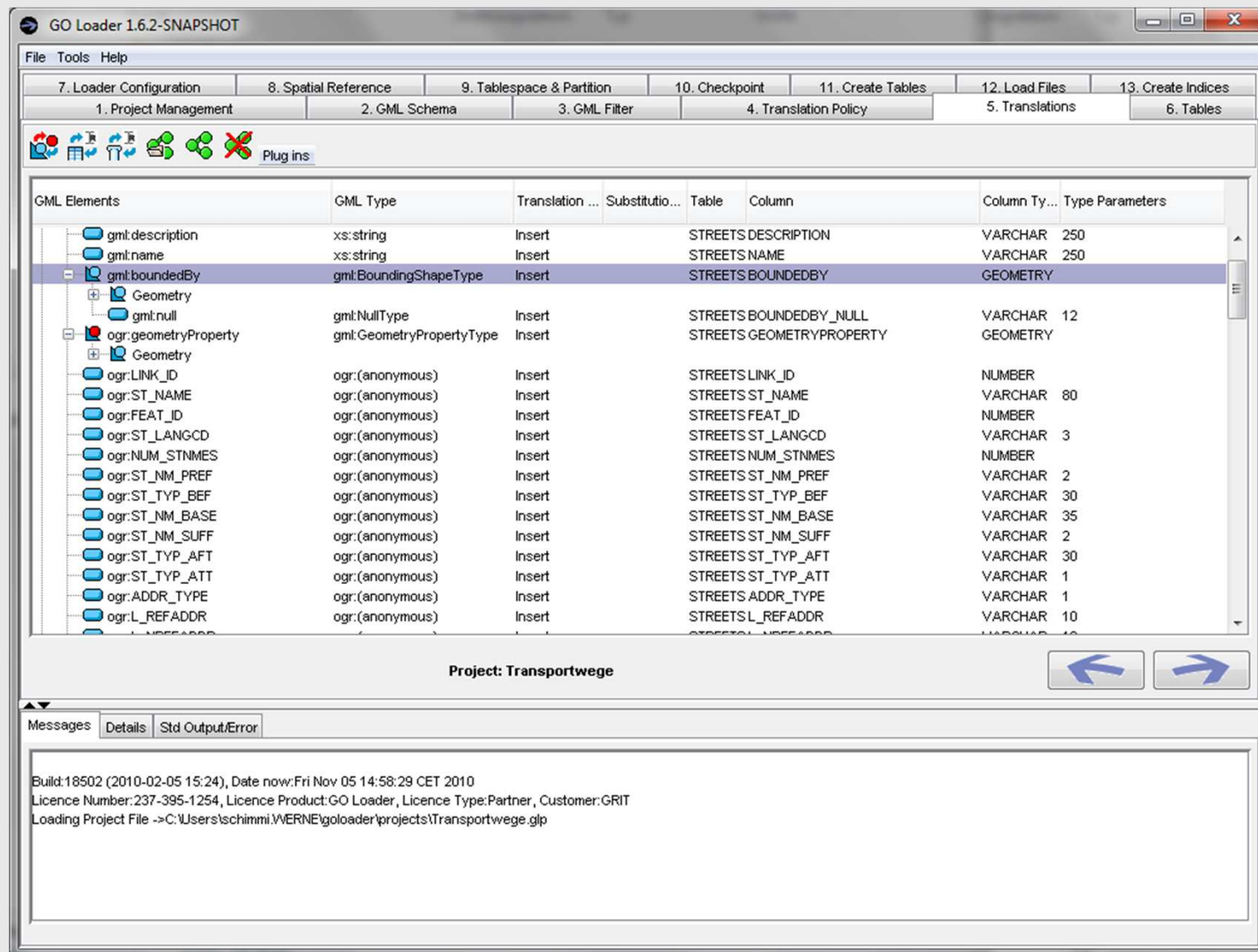
WMS 1.3

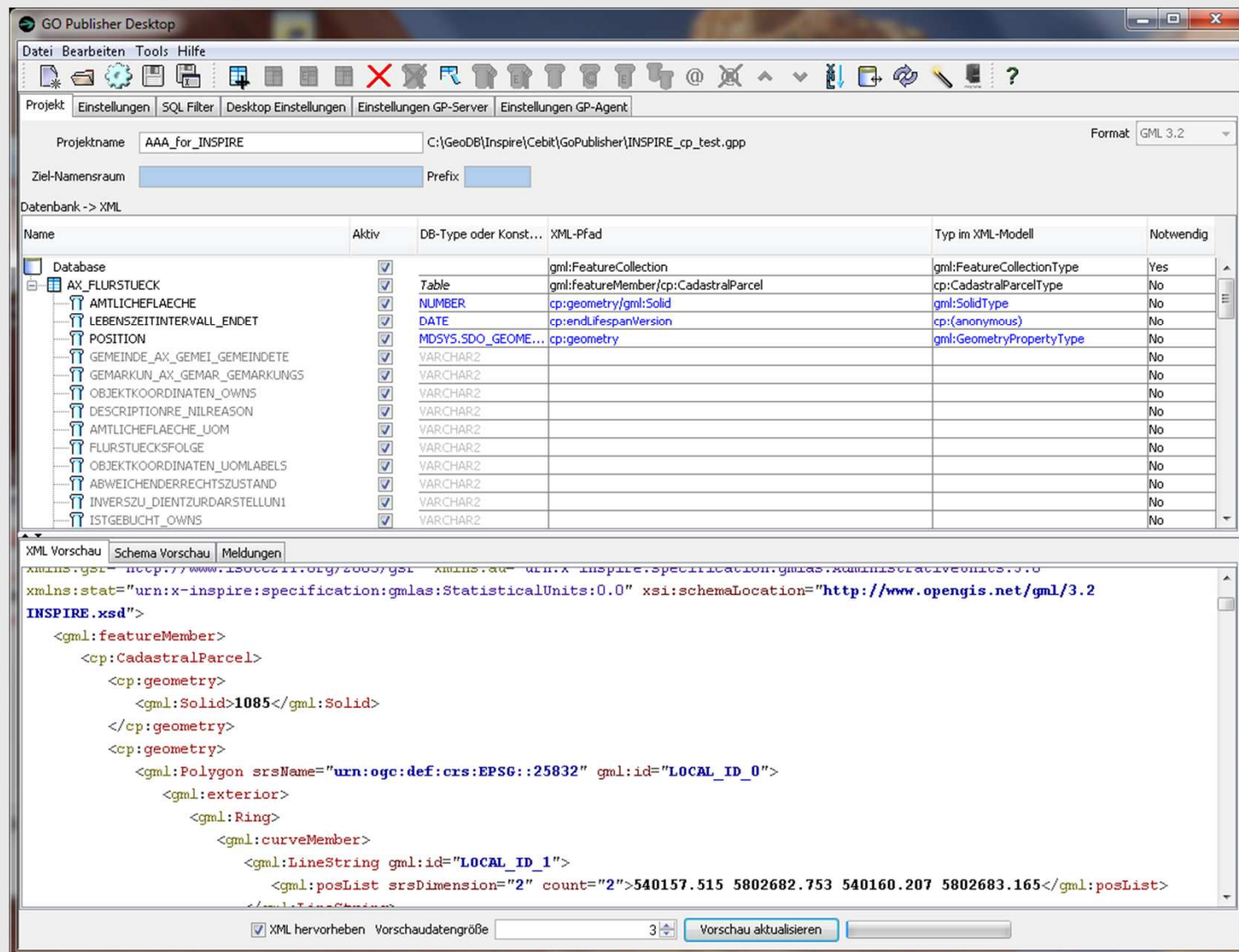


- View-Dienste
 - Web Map Service WMS
 - Symbology *Encoding (SE)*
- Download-Dienste
 - Web Feature Service WFS
 - Vordefinierte GML-Daten
 - Erweiterte GML-Daten









The screenshot shows the 'GO Publisher Desktop' application window. The 'Einstellungen' (Settings) tab is active, specifically the 'WFS-Server' sub-tab. The 'Service-Aktivierung und Ausgabe' (Service Activation and Output) section is expanded. The configuration fields are as follows:

- Service Provider Name: INSPIRE Dienst Deutschland
- Titel: GO Publisher WFS
- Abstrakt: (empty text box)
- Schlüsselworte: (empty text box)
- Kosten: NONE
- Zugangseinschränkungen: NONE
- Use temporal filters: ☐

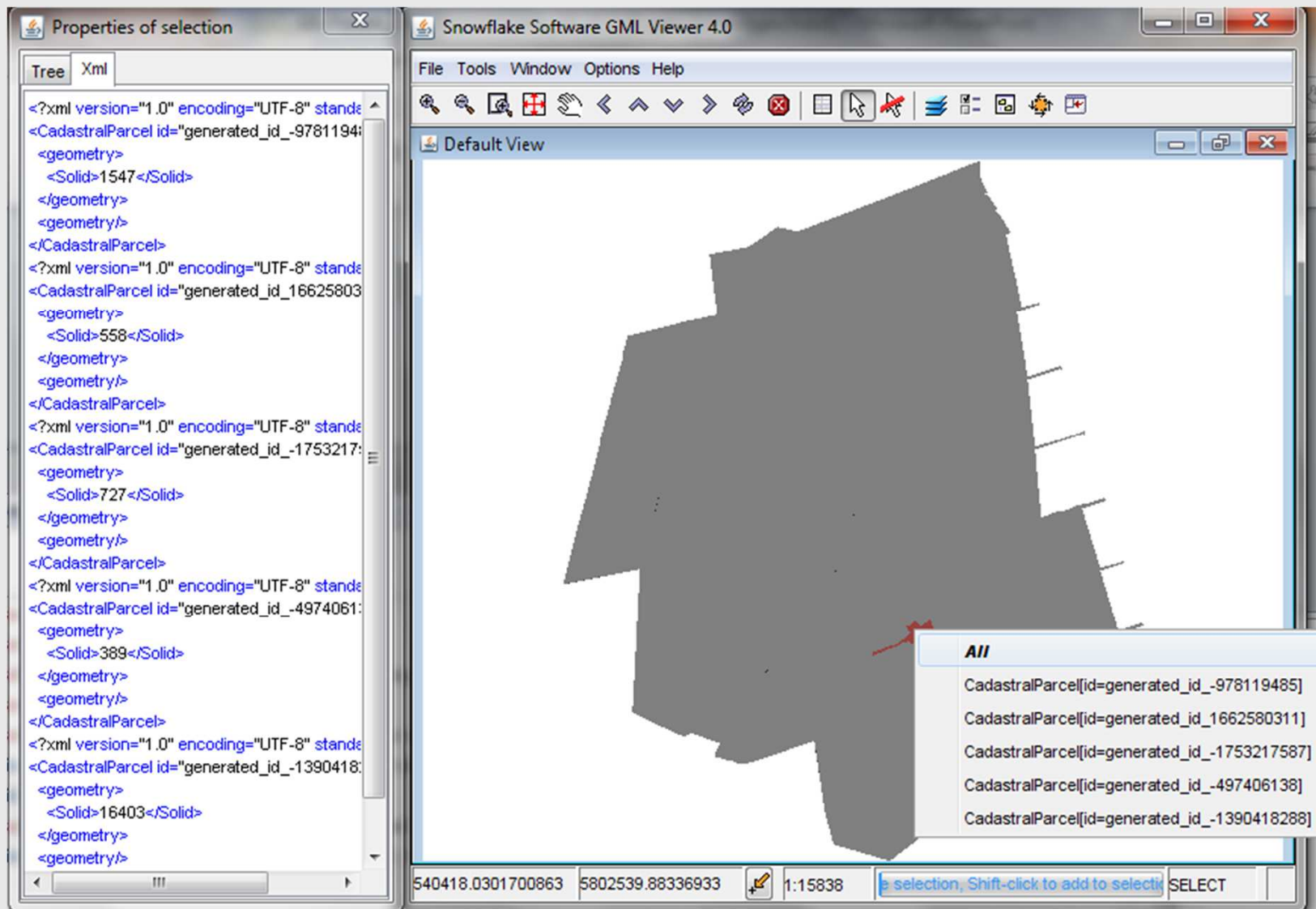
The bottom panel shows the 'XML Vorschau' (XML Preview) tab, displaying the following XML snippet:

```
<gml:LineString gml:id="LOCAL_ID_33">
  <gml:posList srsDimension="2" count="2">539735.069 5803174.189 539735.998 5803177.334</gml:posList>
</gml:LineString>
</gml:curveMember>
<gml:curveMember>
  <gml:LineString gml:id="LOCAL_ID_34">
    <gml:posList srsDimension="2" count="2">539735.998 5803177.334 539732.441 5803180.538</gml:posList>
  </gml:LineString>
</gml:curveMember>
```

At the bottom, there is a checkbox for 'XML hervorheben' (highlight XML) which is checked, a 'Vorschau datengröße' (preview data size) field set to '3', and a 'Vorschau aktualisieren' (refresh preview) button.



eXtensible Markup Language file	700343 chars	741445 bytes	20552 lines	Ln : 109	Col : 18	Sel : 0 (0 bytes) in 0 ranges	Dos\Windows ANSI	INS
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- 
- Die Technik ist komplex
 - ... aber beherrschbar
 - Richtig schwierig ist ein anderes Thema:





**Vielen Dank
für Ihre
Aufmerksamkeit !**

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Kostenloser GML-Viewer unter:

<http://www.grit.de>