



# The implementation of the ELRD in the Spanish Land Registry System

**Pedro Pernas Ramírez**

Colegio de Registradores



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# HISTORY OF THE IMOLA PROJECT FROM A SPANISH PROSPECTIVE

# IMOLA I to IMOLA III

The analysis of the implementation of the ELRD scheme is the result of many years of work in which Spanish contact points have analyzed the Spanish registry system from a shared European perspective.

# IMOLA I

In the IMOLA I Project we learned about XML and XSD schemas and we also got to know the first version of the ELRD, which allowed us to start analyzing what would need to be changed at the national level to offer the registry information in this format.

# IMOLA II

With IMOLA II we began to analyze terms. We manage to get 103 common terms with national concept term and national description at the end of the IMOLA II Project.

We also learned about a Knowledge Manager that goes beyond a common vocabulary.

This Knowledge Manager or KM allowed us to introduce new terms and internalize the ELRD schema.

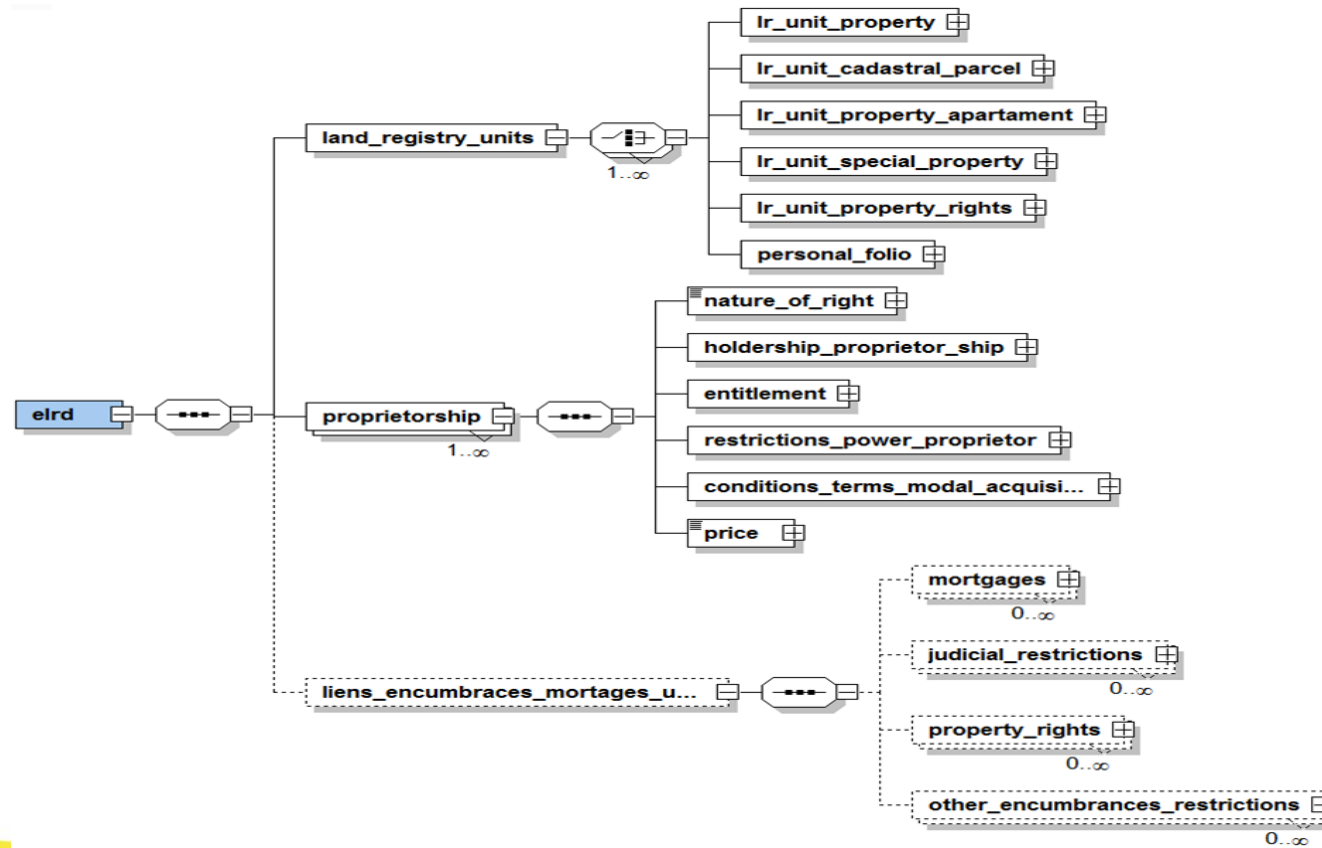
# IMOLA III

IMOLA III has supposed an increased terms database as well as an improved ELRD schema.

The new KM platform, with a dramatic increase in usability and capacity has allowed us to match 329 terms and introduce formats (characteristic of the national terms).



# IMOLA III



# ELRD-SLRD

# ELRD-SLRD

To the comparative we use the 3.1 version.  
The ELRD is a long XSD document with 764 lines.  
The SLRD is even longer with 1861 lines!

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <!-- editado con XMLSpy v2019 rel. 3 sp1 (x64) (http://www.altova.com) por "" (Colegio de Registradores de España) -->
3 <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:vc="http://www.w3.org/2007/XMLSchema-versioning" elementFormDefault="qualified" >
4   <xs:complexType name="AfeccionType">
5     <xs:sequence>
6       <xs:element name="Caracteristicas">
7         <xs:complexType>
8           <xs:sequence>
9             <xs:element name="TipoAfeccion" type="xs:string">
10              <xs:annotation>
11                <xs:documentation>Descripción del tipo de afección</xs:documentation>
12              </xs:annotation>
13            </xs:element>
14            <xs:element name="AniosPlazo" type="xs:int" minOccurs="0">
15              <xs:annotation>
16                <xs:documentation>Plazo en años</xs:documentation>
17              </xs:annotation>
18            </xs:element>
19            <xs:element name="FechaAfeccion" type="FechaType" minOccurs="0">
20              <xs:annotation>
21                <xs:documentation>Fecha de la afección en formato DD/MM/YYYY</xs:documentation>
22              </xs:annotation>
23            </xs:element>
24            <xs:element name="FechaCaducidad" type="FechaType" minOccurs="0">
25              <xs:annotation>
26                <xs:documentation>Fecha de caducidad en formato DD/MM/YYYY</xs:documentation>
27              </xs:annotation>
28            </xs:element>
29            <xs:element name="Cantidades" minOccurs="0">
30              <xs:complexType>
31                <xs:sequence>
32                  <xs:element name="CantidadAfecta" type="DecimalType" minOccurs="0">
33                    <xs:annotation>
34                      <xs:documentation>Cantidad afecta en euros</xs:documentation>
35                    </xs:annotation>
36                  </xs:element>
37                  <xs:element name="CantidadLiberada" type="DecimalType" minOccurs="0">
38                    <xs:annotation>

```

```

1 <?xml version="1.0" encoding="utf-8"?>
2 <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:vc="http://www.w3.org/2007/;
3   <xs:element name="ELRD">
4     <xs:annotation>
5       <xs:documentation>European Land Registry Document Element</xs:documentation>
6     </xs:annotation>
7     <xs:complexType>
8       <xs:sequence>
9         <xs:element name="frontPage">
10          <xs:complexType>
11            <xs:sequence>
12              <xs:element name="legalValue">
13                <xs:complexType>
14                  <xs:sequence>
15                    <xs:element name="other" />
16                    <xs:element name="certifiedInformation" />
17                    <xs:element name="extractWithFullCopy"></xs:element>
18                    <xs:element name="notCertifiedInfo"></xs:element>
19                  </xs:sequence>
20                </xs:complexType>
21              </xs:element>
22              <xs:element name="attachedDocuments">
23                <xs:complexType>
24                  <xs:sequence>
25                    <xs:element name="associatedInformation" />
26                    <xs:element name="supplementaryInformation" />
27                  </xs:sequence>
28                </xs:complexType>
29              </xs:element>
30              <xs:element name="disclaimers" />
31              <xs:element name="objectOfDocument">
32                <xs:complexType>
33                  <xs:sequence>
34                    <xs:element name="dateOfIssue" />
35                    <xs:element name="issuingAuthorityDocument" />
36                    <xs:element name="timeOfIssue" />
37                  </xs:sequence>
38                </xs:complexType>

```

# Conclusions

- Partnerships should be created between the legal and technical departments of the organisations.
- Define whether the organisation has structured information and to what degree of detail.
- Start from the ELRD and look for the national terms. Use the Knowledge Manager.
- Create a comprehensive document.

# Many thanks!



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LAND REGISTER  
INTERCONNECTION



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