

# ISO 19152-2:2025-05 (E)

## Geographic information - Land Administration Domain Model (LADM) - Part 2: Land registration

---

### Contents

Page

Foreword	v
Introduction	vii
<b>1 Scope</b>	<b>1</b>
<b>2 Normative references</b>	<b>1</b>
<b>3 Terms, definitions and abbreviations</b>	<b>2</b>
3.1 Terms and definitions	2
3.2 Abbreviated terms	4
<b>4 Conformance</b>	<b>5</b>
4.1 Conformance requirements and testing	5
4.2 Conformance classes	5
<b>5 Notation</b>	<b>6</b>
<b>6 Overview of the LADM conceptual information model</b>	<b>6</b>
6.1 General	6
6.2 Packages and sub-packages of the LADM	7
6.3 Basic classes of the LADM	9
6.4 Surveying and representation sub-package	9
<b>7 Content of classes of the LADM and their association</b>	<b>11</b>
7.1 General	11
7.2 Special classes	11
7.2.1 LA_Source	11
7.2.2 VersionedObject	12
7.3 Classes of Party Package	14
7.3.1 LA_Party	14
7.3.2 LA_GroupParty	17
7.3.3 LA_PartyMember	17
7.4 Classes of Administrative Package	17
7.4.1 LA_BAUnit	17
7.4.2 LA_RRR	20
7.4.3 LA_Right	21
7.4.4 LA_Restriction	21
7.4.5 LA_Responsibility	21
7.4.6 LA_Mortgage	22
7.4.7 LA_AdministrativeSource	22
7.4.8 LA_RequiredRelationshipBAUnit	22
7.4.9 LA_RequiredRelationshipRRR	23
7.5 Classes of Spatial Unit Package	23
7.5.1 LA_SpatialUnit	23
7.5.2 LA_SpatialUnitGroup	24
7.5.3 LA_LegalSpaceBuildingUnit	25
7.5.4 LA_LegalSpaceUtilityNetworkElement	25
7.5.5 LA_LegalSpaceCivilEngineeringElement	25
7.5.6 LA_LegalSpaceParcel	27
7.5.7 LA_Level	27
7.5.8 LA_RequiredRelationshipSpatialUnit	28
7.5.9 Data types for Spatial Unit Package	28
7.6 Classes of Surveying and Representation Sub-package	29

7.6.1	LA_Point.....	29
7.6.2	LA_BoundaryFaceString.....	29
7.6.3	LA_BoundaryFace.....	32
7.6.4	LA_SpatialSource.....	32
7.6.5	LA_SurveySource.....	33
7.6.6	LA_DesignSource.....	36
7.6.7	LA_SurveyRelation.....	36
7.6.8	LA_DistanceObservation.....	36
7.6.9	LA_LevelObservation.....	36
7.6.10	LA_AngularObservation.....	37
7.6.11	LA_ImageObservation.....	37
7.6.12	LA_TPSObservation.....	38
7.6.13	LA_PointCloudObservation.....	39
7.6.14	LA_GNSSObservation.....	39
7.6.15	LA_GNSSCorrection.....	40
7.6.16	LA_GPRObservation.....	40
7.6.17	LA_MBESObservation.....	41
7.6.18	Data types for Surveying and Representation Sub-package.....	41
7.7	Associations between classes.....	42
<b>Annex A (normative) Abstract test suite.....</b>		<b>45</b>
<b>Annex B (normative) Social Tenure Domain Model (STDM).....</b>		<b>52</b>
<b>Annex C (informative) 2D and 3D representations of spatial units.....</b>		<b>54</b>
<b>Annex D (informative) Instance level cases.....</b>		<b>73</b>
<b>Annex E (informative) Legal profiles.....</b>		<b>94</b>
<b>Annex F (informative) LADM and INSPIRE.....</b>		<b>101</b>
<b>Annex G (informative) Code lists.....</b>		<b>103</b>
<b>Annex H (informative) External classes.....</b>		<b>123</b>
<b>Annex I (informative) Interface classes.....</b>		<b>128</b>
<b>Annex J (informative) LADM and other ISO/TC 211 documents.....</b>		<b>133</b>
<b>Annex K (informative) LADM and IndoorGML.....</b>		<b>139</b>
<b>Annex L (informative) LADM and 3D legal spaces in buildings.....</b>		<b>146</b>
<b>Bibliography.....</b>		<b>149</b>