

DIN EN ISO 19152-2:2025-11 (E)

Geographic information - Land Administration Domain Model (LADM) - Part 2: Land registration (ISO 19152-2:2025); English version EN ISO 19152-2:2025

Contents

	Page
Foreword.....	v
Introduction.....	vii
1 Scope.....	1
2 Normative references.....	1
3 Terms, definitions and abbreviations.....	2
3.1 Terms and definitions.....	2
3.2 Abbreviated terms.....	4
4 Conformance.....	5
4.1 Conformance requirements and testing.....	5
4.2 Conformance classes.....	5
5 Notation.....	6
6 Overview of the LADM conceptual information model.....	6
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
7 Content of classes of the LADM and their association.....	11
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
Annex A (normative) Abstract test suite.....		45
Annex B (normative) Social Tenure Domain Model (STDM).....		52
Annex C (informative) 2D and 3D representations of spatial units		54
Annex D (informative) Instance level cases.....		73
Annex E (informative) Legal profiles.....		94
Annex F (informative) LADM and INSPIRE		101
Annex G (informative) Code lists.....		103
Annex H (informative) External classes.....		123
Annex I (informative) Interface classes.....		128
Annex J (informative) LADM and other ISO/TC 211 documents.....		133
Annex K (informative) LADM and IndoorGML.....		139
Annex L (informative) LADM and 3D legal spaces in buildings.....		146
Bibliography.....		149