Land Administration Domain Model

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LADM Administrative Package

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Swedish Mapping, cadastral and land registration authority
That part of land administration that is containing formal or informal rights etc. affecting land / water and their geometrical representation

"Neutral" model, not limited to one legal system or cadastral and land registry systems

Not intended to be complete for every country

Allows regional or national profiles where attributes, associations, etc. can be added.

Relations between party, right and land
i.e. “somebody has some right(s) in land”
Statement 1 on Cadastre 2014

Cadastre 2014 will show the complete legal situation of land, including public rights and restrictions!

Comment The population of the world is growing. The consumption of land is increasing. The absolute control of the individual or of legal entities of land is increasingly being restricted by public interest. To provide security of the land tenure, all facts about land must be made obvious by the cadastral system of the future.

Consequences A new thematic model is necessary. Surveyors must take into consideration public law.
Restriction, coastal non-building zone

Example
Right of way
Some rights, restrictions and obligations
(from Sweden, Germany and The Netherlands)

Beschränkte persönliche Dienstbarkeiten

Ownership

Beschränkte persönliche Dienstbarkeiten

Grunddienstbarkeit

Erbbaurecht

Gemensamhetsanläggningar

Building lease

Niessbrauch

Erdienstbaarheid

Servitut

Bearbetningskonsession

Rentenschuld

Emphyteusis

Vruchtgebruik

Easement

Reallast

Usufruct

Grundschuld

Erbbaurecht

Mortgage

Opstal

Lien

Usufruct

Erfpacht

Detaljplan

Ownership
LA_Party
Person / organisations, or group of persons / org., that compose an identifiable entity.

LA_RRR
(Right / restriction / responsibility)
Formal or informal entitlement to own or to do something, or not to do something.

LA_LAUnit
Basic Administrative Unit. Legal administrative entity consisting of zero or more spatial units against which (one or more) unique and homogeneous rights are associated.

LA_SpatialUnit
Single or multiple areas of land / water or a single / multible volumes of space under (one or more) unique and homogeneous rights, restrictions, or responsibilities
Formal or informal entitlement to own or to do something

Formal or informal obligation to do something

A conditional conveyance of (ownership or use) right as security for the repayment of a loan. A specialisation of LA_Restriction

LA_Administrative source
Source (of any kind, e.g. document(s)) providing facts
Thank you!

Any questions?