

Inventory of Land Administration Systems in Europe and North America

Third Edition



Produced and published by HM Land Registry, London on behalf of
the UN ECE Working Party on Land Administration

July 2001



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Land Administration Inventory for the UN ECE Region

In February 1997 and April 1998 the first and second editions of the Inventory of Land Administration systems in the region of the United Nations Economic Commission for Europe (UN/ECE) were published. These Inventories have been greatly welcomed as an authoritative source of information on Land Administration systems and organisations across member states of the ECE.

This, the third edition of the Inventory, includes information from 49 separate jurisdictions in 42 ECE countries (including Canada). It includes much new or revised information from the majority of countries.

Publication reflects one of the main aims of the UNECE Working Party on Land Administration (UNECE WPLA formerly MOLA). Namely to bring together information about land administration systems for the benefit of all who are engaged in developing systems of land registration and cadastre, mapping and land use in the countries of the ECE and beyond. The Inventory will be available on the UNECE Web Site <http://www.unece.org/env/hs/wpla/welcome.html>

The first and second editions, unlike this third edition, of the Inventory also included information on land valuation and land administration projects. UNECE WPLA is publishing separate studies on these two important areas.

Every effort has been made to verify, with contributing countries, the accuracy of the information presented. I am grateful to all those people in WPLA and across the ECE region who have so readily co-operated in providing information.

The Inventory has been financed and published by HM Land Registry in London on behalf of and with the support of the Working Party on Land Administration. I am most grateful to my colleagues in London for their assistance in preparing the Inventory especially to Ted Beardsall the UK representative on the Bureau of the WPLA who has promoted this Study and to Judith Walker who has been concerned with liaison with countries.

I hope that the Inventory will contribute to a wider understanding of systems and developments and facilitate professional contact and the sharing and exchange of expertise. I hope the Inventory will be of value to all who use it.

If you do have any comments or enquiries please contact either Judith Walker or myself at the address below.

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John Manthorpe
(on behalf of UN ECE WPLA)

July 2001

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About the UNECE Working Party on Land Administration

The ECE was the first international organization, which defined and addressed the issue of land administration in Europe in a comprehensive manner. The Meeting of Officials on Land Administration (MOLA) was set up as an ad hoc group of experts under the auspices of the UNECE Committee on Human Settlements in February 1996. It aimed at promoting land (immovable property) administration through security of tenure, establishment of real estate markets in countries in transition, and modernization of land registration systems in the market economies. MOLA has gained extensive experience in the promotion of privatization and effective real estate markets through promoting modern land registration systems in the ECE region. It has developed into an effective network of land administration officials in Europe and North America. A continuing series of workshops, meetings with donors and lending organizations have been organized. Guidelines and policy papers and Study reports have been published. It provides independent expert missions to ECE countries to render policy advice and recommendations on national programmes on land market development and real estate registration. These activities were implemented in response to a high demand from ECE member states. In 1999, the Economic Commission for Europe granted a standing status to MOLA transforming it into the Working Party on Land Administration.

UNECE WPLA Web Page: <http://www.unece.org/env/hs/wpla/welcome.html>

UNECE WORKING PARTY ON LAND ADMINISTRATION - OFFICIALS

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For questions on this Report:

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UNITED KINGDOM

Tel + 44 1825 71 27 95
Fax + 44 1825 71 31 08
Email landman@dircon.co.uk

Organisation and Government responsibility

The names, addresses, telephone and fax numbers, and email addresses of all respondents and organisations responsible for

- Land Registration
- Cadastral and Topographical Mapping
- Land Use

are shown where these exist. Responsibility for Land Administration functions may be under one government Ministry but are often split between different organisations. In the majority of cases responsibility lies either with the Ministries of Justice, Finance, Agriculture, Environment or a Department of Lands. In some instances the Council of Ministers or State Committee is directly responsible.

The Inventory includes information from the following 49 jurisdictions in 42 countries;

Albania*	Armenia*	Austria*
Azerbaijan	Belarus	Bosnia and Hercegovina*
Bulgaria	Croatia*	Cyprus*
Czech Republic	Denmark*	Estonia*
Finland*	France	Germany*
Greece	Hungary*	Iceland
Ireland	Italy*	Latvia*
Liechtenstein*	Lithuania*	Luxembourg
FYRO Macedonia*#	Malta*	Netherlands*
Norway*	Poland	Portugal*
Republic of Moldova	Romania*	Russian Federation*
San Marino	Slovak Republik	Slovenia*
Spain	Sweden*	Switzerland*
Turkey		

United Kingdom:

*England and Wales**

*Scotland**

Canada: *the Provinces of:*

*Alberta**

*British Columbia**

*Manitoba**

*New Brunswick**

*Ontario**

Prince Edward Island

*Saskatchewan**

* Contains new information from these jurisdictions. Information for other jurisdictions remains as in 1998 Edition of Inventory

Former Yugoslav Republic of Macedonia

Summary of Responses

Section B

Land and Title Registration

Land registration systems operate throughout the world as the legal basis of recording, with certainty, the ownership and other legal rights in and over land. Such systems provide the machinery for confident property transfer, the operation of a secure mortgage market and protections for the citizen. The effective operation of land and title registration systems are fundamental to successful market economies providing confidence for private ownership and property transfer and, as a consequence, engendering social stability.

Information from countries indicate how aspects of registration systems vary. The majority are map based, some backed by a state guarantee, others record the existence and priority of documents of transfer and mortgage.

The chart opposite indicates key features of the various systems functioning throughout countries of the ECE.

Key Features of Land Registration systems

(Percentages from responding countries)

Land Ownership recorded on the land register	100%
Legal rights recorded on the land register	100%
Mortgages and secured loans on the register	89%
Land purchase price on the register	89%
Land register backed by state guarantee	85%
Land registers wholly or partly computerised	85%
A system exists to protect prority of registrations	81%
Registers wholly open to public inspection	61%
Registers open but with restrictions	39%
System administered nationally	57%
System administered regionally	43%
System financed by customers fees	34%
System financed by government	21%
Financed by both customers fees and government funding	45%

Summary of Responses

Section C

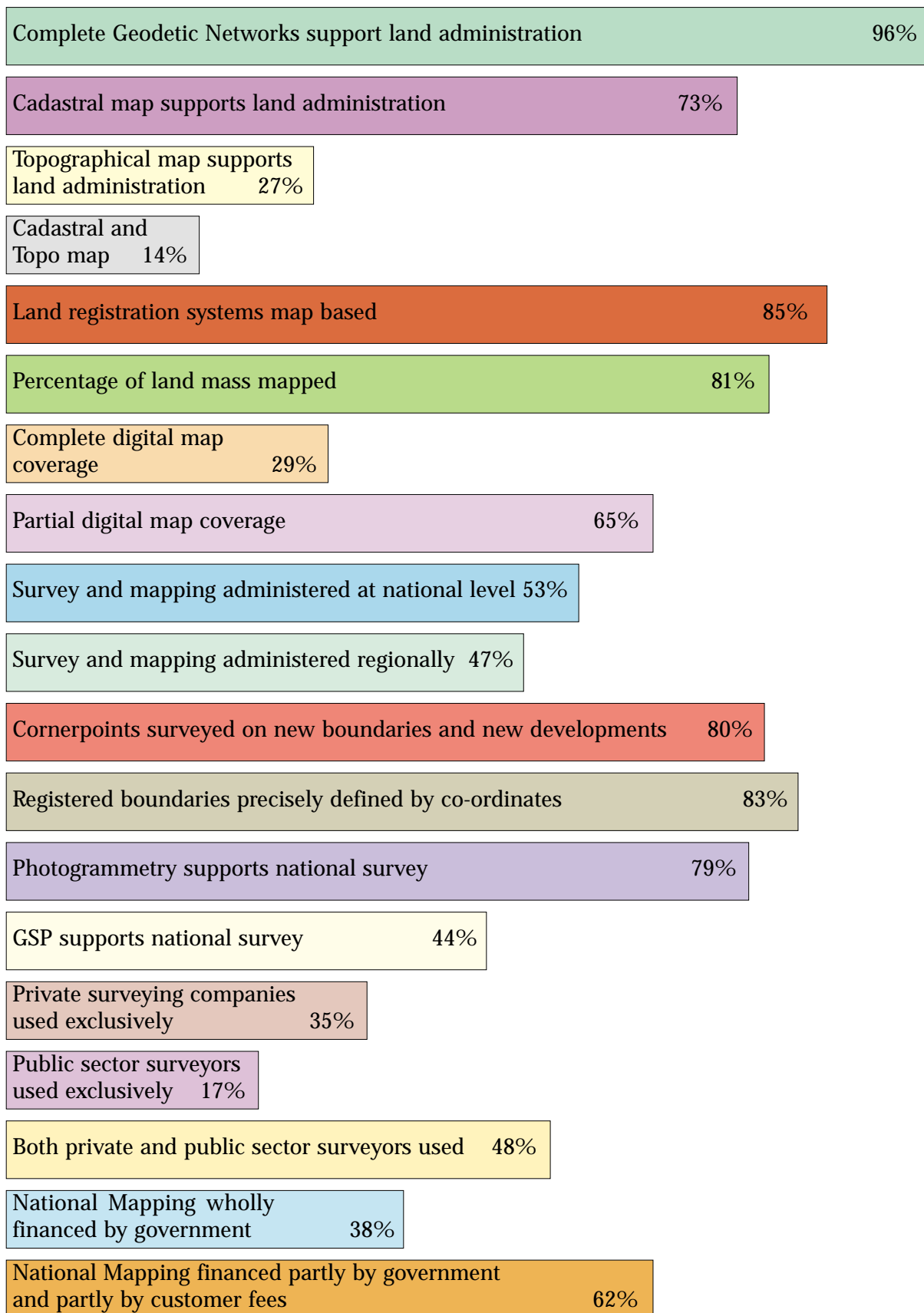
Cadastral and Topographical Mapping Systems

Some land administration systems utilise a topographical map showing physical ground features for the recording of boundaries of land and title registration. Others use cadastral maps which may not necessarily record the physical land features but precisely fix ownership boundaries by reference to co-ordinates related to a geodetic network. Responses to the questions relating to survey, mapping and the recording of boundaries demonstrate the diversity of systems in operation throughout member states of the Economic Commission of Europe. All achieve the same end: a system that provides security of ownership, facilitates property transfer and supports a secure mortgage and loan market. National mapping to high geodetic and topographic standards is the basis for effective land administration systems incorporating land registration, land valuation, and land use.

The chart opposite indicates key features of the various systems functioning throughout countries of the ECE.

Key features of Cadastral and Topographical Mapping Systems

(Percentages from responding countries)



Summary of Responses

Section D

Land Use Recording Systems

One of the most important features of effective land administration systems is the maintenance of authoritative information on land use and the characteristics and attributes of land. The extent to which comprehensive systems have developed throughout the ECE varies. This section of the Inventory indicates the relative position.

Information is collected:

- Through the mapping system
- By field surveying and inspection
- By aerial survey
- Through administrative systems

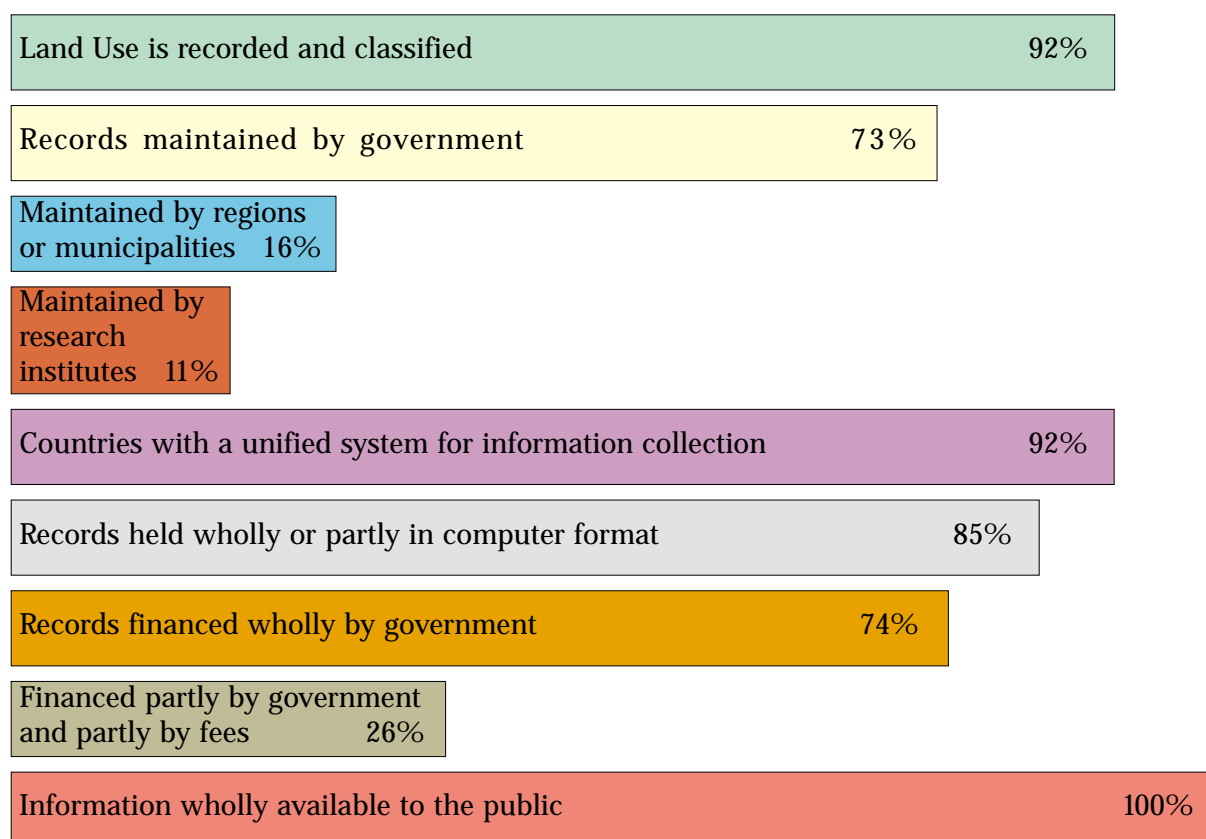
The following land use classifications are used:

- residential
- commercial
- industrial
- agricultural
 - arable forest*
- public use
- unused land
- fisheries
- water
- railways
- and others

The chart opposite indicates key features of the various systems functioning throughout countries of the ECE.

Key features of land use recording systems

(Percentages from responding countries)



Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Albania	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Central Office of Immovable Property Registration Rruga "Jordan Misja" Ish-Godina Elektroteknike Tirane Albania	(There is an ongoing project on the surveying and updating of parcel boundaries)	
Telephone Number	+ 355 42 34419 + 355 42 34308	+ 355 42 34419 + 355 42 34308	
Fax Number	+ 355 42 34419	+ 355 42 23296	
E Mail Address	adubali@albnet.net	nvata@ice-al.org	
Internet Home Page Address	nmpsrrpp.gov.al		
Contact Name	Albert Dubali, Ndoc Vata	Ndoc Vata	
Ministry responsible	Council of Ministers	Ministry of Agriculture and Food, Central Office of Immovable Property Registration	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Armenia	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	The State Committee of the Real Property Cadastral of the Government 7 Arshakunjats Street Yerevan	As for Land Title Registration	As for Land Title Registration
Telephone Number	(3741) 587828		
Fax Number	(3741) 526562		
E Mail Address	unicad@arminco.com		
Internet Home Page Address	http://www.cadastral.am/		
Contact Name	Hayk Sahakyan		
Ministry responsible	The State Committee of the Real Property Committee of the Government		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Austria	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Ministry of Justice Neustiftgasse 2 A – 1070 Vienna	Federal Office for Metrology and Surveying (BEV)* Schiffamtsgasse 1-3 A-1025 Vienna	BEV* = Austrian Cadastre
Telephone Number	+ 43/1/52152-2275	+ 43/1/21176-4700	Land Use: BEV Land use data are maintained within the National Candastre updated by aerial images and terrestrial methods
Fax Number	+ 43/1/52152-2727	+ 43/1/21176-4701	Land Use Planning: Physical planning, Urban Planning done by municipalities (communities)
E Mail Address	guenter.auer:bmj.gv.at	geomugg@surfeu.at	
Internet Home Page Address	www.bmj.gv.at	http://www.bev.gv.at/	
Contact Name	Dr Guenter AUER Sektion I/4 Grundbuch	Dipl-Ing Gerhard Muggenhuber International Affairs of BEV	
Ministry responsible	Ministry of Justice	Ministry of Economic Affairs and Labour	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Azerbaijan	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	The National Land Committee (NLC) of the Republic of Azerbaijan, Baku	NLC and National Institute for Land Use ("Azgipromzem"), Baku, A Alekperov St., 93a	NLC and National Institute for Land Use ("Azgipromzem"), Baku, A Alekperov St., 93a
Telephone Number	322935, 322159, 322965	322965, 323440	322965, 323440
Fax Number			
E Mail Address			
Internet Home Page Address			
Contact Name	NLC	NLC and Azgipromzem	NLC and Azgipromzem
Ministry responsible	NLC	NLC	NLC

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Belarus	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Offices of the local executive committees, responsible for Land Use (188 districts).	Belorussian Enterprise for Agricultural aerophotogeodesic Investigations (Bel PSXAGI) 223011, Belarus, Minsk Region, Priluki, Peace St., 1-1	
Telephone Number	+ 226 7090	+ 299 2595	
Fax Number	+ 226 7440	+ 299 2596	
E Mail Address			
Internet Home Page Address			
Contact Name	Kuznesov Georgii Ivanovich		
Ministry responsible	Committee for Land Resources of the Ministry for Natural Resources and Environmental Protection		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

	Bosnia & Herzegovina		Land Title Registration (Registration of rights of ownership, mortgages etc.)		National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries		Land Use	
	Name	Address	Telephone Number	Fax Number	E Mail Address	Internet Home Page Address	Contact Name	Ministry responsible
	Federation of Bosnia and Herzegovina Ministry of Justice If exist Kadastral with registration owner's then Federal Geodesy and Property-Judicial Office	Sarajevo, Valtera Perica 15	+ 387 33 666 971	+ 387 33 666 971		www.vladafbih.gov.ba	Barisa Colak	Ministry of Justice
	Republic Serbs Ministry of Justice If exist kadastral with registration owner's the Administration for Geodetic and Real Property Affairs	Banja Luka, U1. Vuka Karadzica 4	+ 387 51 218 835	+ 387 51 218 847			Biljana Maric	Ministry of Justice
	Federation of Bosnia and Herzegovina Federal Geodesy and Property - Judicial Office	Sarjevo, U1. Reisa Dz. Causevica 6	+ 387 33 264 450	+ 387 33 471 469	fgu@bih.net.ba		Ivan Lesko	
	Republic Serbs Republic Administration for Geodetic and Real Property Affairs	Banha Luka, U1. Pete Kozarske brigade 18	+ 387 51 304 952	+ 387 51 304 952	rgubl@bn.rstel.net		Andjeljko Gaco	
	Federation of Bosnia and Herzegovina Federal Ministry of Physical, Planning and Evironment	Sarajevo, M. Tita 9a	+ 387 33 473 124		Fmokolis@bih.net.ba		Ramiz Mehmedagic	Federal Ministry of Physical, Planning
	Republic Serbs Ministarstvo za urbanizam stambeno komunalne djelatnotsi, gradjevinarstvo i ekonomiju	Banja Luka, Trg srpskih junaka 4	+ 387 51 215 511	+ 387 51 215 551			Nedjo Djuric	Ministarstvo za urbanizam stambeno komunalne djelatnotsi, gradjevinarstvo i ekonomiju

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Bulgaria	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address		Main Department of Cadastre and Geodesy 17-19 Kiril I Metodi Street BG - 1202 Sofia Bulgaria	
Telephone Number		+ 359 2 987 6260	
Fax Number		+ 359 2 987 2517	
E Mail Address			
Internet Home Page Address			
Contact Name		Dr Ivan Katzarsky	
Ministry responsible	Ministry of Justice and Legal European Integration	Ministry of Regional Development and Public Works	Ministry of Agriculture, Forest and Agrarian Reform, Ministry of Regional Development and Public Works

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada Alberta	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Land Titles and Surveys Alberta Government Services Box 2023 Edmonton ALBERTA Canada T5J 4W7	Director of Surveys 15 th Floor, Oxbridge Plc 9820-106 Street Edmonton Alberta Canada T5K 2JK	Local Municipalities are responsible for the establishment and control of land use
Telephone Number	403 427 5166	(780) 422 002	
Fax Number	403 422 3105	(780) 422 1493	
E Mail Address	rae.runge@gov.ab.ca	mike.michaud@gov.ab.ca	
Internet Home Page Address	http://www2.gov.ab.ca/gs		
Contact Name	Rae Runge, Executive Director, Land Titles and Surveys	Mike Michaud, Director of Surveys	
Ministry responsible	Alberta Government Services	Alberta Sustainable Resource Development	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada British Columbia	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Malcolm McAvity Director Land Titles Government of British Columbia Victoria, BC Canada	Crown Land Registry	Various Agencies in British Columbia – Land Use Co-ordination Office – Ministry of Forests – Ministry of Environment, Lands and Parks – Local Government etc.
Telephone Number	250 387 - 1903	250 952 5335	
Fax Number	250 387 - 1763	250 387 1830	
E Mail Address		GRoberts@CLR5.env.gov.bc.ca	
Internet Home Page Address	www.ag.gov.bc.ca/l+ b	http://www.bconline.gov.bc.	
Contact Name	Malcolm McAvity	Greg Roberts Director	
Ministry responsible	Attorney General	Ministry of Environment Lands and Parks.	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada Manitoba	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	The Property Registry 1405-405 Broadway Ave, Winnipeg, Mb R3C 3L6 Canada		
Telephone Number	(204) 945 0446		
Fax Number	(204) 948 - 3276		
E Mail Address	landtitles@gov.mb.ca		
Internet Home Page Address	www.gov.mb.ca/tpr		
Contact Name	Rick Wilson Registrar General and Chief Operating Officer		
Ministry responsible	Consumer and Corporate Affairs		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada New Brunswick	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Service New Brunswick P O Box 1998, Fredericton New Brunswick Canada E3B 5G4		
Telephone Number	15 06 453 2113		
Fax Number	15 06 453 3898		
E Mail Address	mary.ogilvie@snb.gov.nb.ca		
Internet Home Page Address			
Contact Name	David Finley		
Ministry responsible			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

	Canada Ontario	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Ministry of Consumer and Commercial Relations Registration Division Title and Survey Services Section		No separate organisation	Administration by individual local municipalities
Telephone Number	416 314 4880			
Fax Number	416 314 4878			
E Mail Address	margaret.wiseman@ccr.gov.on.ca			
Internet Home Page Address	www.ccr.gov.on.ca			
Contact Name	Margaret Wiseman			
Ministry responsible	Ministry of Consumer and Commercial Relations			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada <i>Prince Edward Island</i>		Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Taxation and Property Records Division P.O. Box 2,000 Charlottetown Prince Edward Island CANADA C1A 3A7	Serge Barnard Principal Land Surveyor Department of Transportation and Public Works	Department of Community Affairs and Attorney General Provincial Planning Branch	
Telephone Number	902 368 5137	368 5145	368 4871	
Fax Number	902 368 6164		368 5526	
E Mail Address	RFKENNY@GOV.PE.CA			
Internet Home Page Address				
Contact Name	Robert Kenny		Kingsey Lewis	
Ministry responsible	Department of the Provincial Treasury Court of PEI		Department of Community Affairs and Attorney General	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Canada Saskatchewan		Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Registrar of Titles ISC 2nd Floor, 10 Research Drive Regina, Sask S4P 3V7	Sask Geomatics 2nd Floor 2151 Scarth Street Regina SK S4P 3V7 Controller of Surveys ISC 2nd Floor, 10 Research Drive Regina, Sask S4P 3V7		
Telephone Number	(306) 787 9284	(306) 787 4880		
Fax Number	(306) 787 8375	(306) 787 4617		
E Mail Address	Kathy.Hillman-Weir@isc-online.ca	Ed.Desnoyers@isc-online.ca		
Internet Home Page Address				
Contact Name	Kathy Hillman-Weir	Ed Desnoyers		
Ministry responsible	Department of Justice and Information Services Corporation of Saskatchewan	Information Services Corporation of Saskatchewan		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Croatia	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Ministarstvo pravosuda (Ministry of Justice) Ulica Republike Austrije 10 000 Zagreb Croatia	Drzavna geodetska uprava (State Geodetic Administration) Gruska 20 10 000 Zagreb Croatia	Drzavna geodetska uprava (State Geodetic Administration) Gruska 20 10 000 Zagreb Croatia
Telephone Number	+ 358 1 3710 620 + 385 1 3710 621	+ 385 1 6157 390	+ 358 1 3657 388
Fax Number	+ 358 1 3710 622	+ 385 1 61 57 389	+ 385 1 6157 389
E Mail Address	ojelcic@pravosudje.hr	zeljco.bacic@dgu.tel.hr	damir.pahic@dgu.tel.hr
Internet Home Page Address		http://www.dgu.tel.hr/dgu	http://www.dgu.tel.gr/dgu
Contact Name	Olga Jelcic	Zeljko Bacic Sanja Zekusic	Damir Pahic*
Ministry responsible			(* Contact person for UNECE WPLA)

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Cyprus	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Department of Lands and Surveys 29 Michalacopoulou Street 1075 Nicosia CYPRUS	Department of Lands and Surveys 29 Michalacopoulou Street 1075 Nicosia CYPRUS	Town Planning and Housing Department. Demostheni Severi Av. T.K. 1454 – Nicosia CYPRUS
Telephone Number	00357 2 804900	00357 2 804900	00357 2 302363
Fax Number	00357 2 804881	00357 2 804881	00357 2 367570
E Mail Address			
Internet Home Page Address			
Contact Name	Andreas Christodoulou Director	Andreas Christodoulou Director	Giannos Papadopoulos Director
Ministry responsible	Ministry of Interior	Ministry of Interior	Ministry of Interior

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Czech Republic	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Czech Office for Surveying, Mapping and Cadastré CZ-111 21 PRAHA 1 Hybernska 2 Czech Republic	As for Land Registration	As for Land Registration
Telephone Number	+ 420 2 216 14252 + 420 2 267 054		
Fax Number	+ 420 2 242 17383		
E Mail Address	vit.suchanek@cuzk.cz		
Internet Home Page Address	http://gama.fsv.cvut.cz/cuzk		
Contact Name	Mr Vit Suchanek		
Ministry responsible			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Denmark	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Valuation of Land	Land Use
Address	Department of Courts Sa Kongensgade 1-3 DK - 1264 Copenhagen K	National Survey and Cadastre Denmark Rentemestervej 8 DK - 2400 Copenhagen NV	Central Customs and Tax Administration Oestbanegade 123 DK - 2100 Copenhagen	Spatial Planning Department Hojbro Plads 4 DK - 1200 Copenhagen K
Telephone Number	+ 70 10 33 22	+ 35 87 57 60	+ 35 29 73 00	+ 33 92 76 00
Fax Number	+ 70 10 44 55	+ 35 87 50 64	+ 35 43 47 20	+ 33 32 22 27
E Mail Address		lb @ kms.min.dk.		
Internet Home Page Address				
Contact Name	Helle B. Sørensen	Lars Buhl	Anders Muller	Niels Ostergaard
Ministry responsible	Ministry of Justice	Ministry of Housing	Ministry of Taxation	Ministry of Environment and Energy

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Estonia	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	The Ministry of Justice Tomsmagi 5a 1519 TALLINN ESTONIA	Estonian Land Board Mustamae tee 51 10602 TALLIN	
Telephone Number		+ 372 6650 600	
Fax Number		+ 358 26650 600	
E Mail Address		Urmes.Mannama@maaamet.ee	
Internet Home Page Address			
Contact Name		Mr Urmes Mannama Vice Director General	
Ministry responsible	The Ministry of Justice	Ministry of Environment	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Finland	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Ministry of Justice Bureau of Information Technology Hallitusk, 10 FIN - 13111 HAMEENLINNA	National Land Survey of Finland PO Box 84 FIN - 00521 HELSINKI	National Land Survey of Finland PO Box 84 SF - 00521 HELSINKI Finland
Telephone Number	+ 358 3 62231	+ 358 20541 121	+ 358 20541 121
Fax Number	+ 358 3 622 3698	+ 358 20541 5005	+ 358 20541 5595
E Mail Address	martti.raiskinmaki@om.fi	matti.vahala@nls.fi	aaro.mikkola@nls.fi
Internet Home Page Address		http://www.nls.fi	http://www.nls.fi
Contact Name	Marthi Raiskinmaki	Matti Vahala	Tapio Siltala
Ministry responsible	Ministry of Justice	The Ministry of Agriculture and Forestry	The Ministry of Agriculture and Forestry

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

France	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address		Direction Generale des Impots Services des Opérations Fiscales et Fonciers Sous Direction III A, Bureau III A1 139, rue de Bercy 75574 PARIS CEDEX 12	Direction Generale des Impots Services des Opérations Fiscales et Fonciers Sous Direction III A, Bureau III A1 139, rue de Bercy 75574 PARIS CEDEX 12
Telephone Number		53 18 95 05	53 18 95 05
Fax Number			
E Mail Address			
Internet Home Page Address			
Contact Name			
Ministry responsible			

The system in operation in France is a cadastral system with a Register of Deeds.

The analysis does not at this stage include answers for Section B

The 'International Analysis of Land Registration' compiled by H M Land Registry and published in January 1996 contains information on the Register of Deeds.

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Germany	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	<p>Bundesministerium der Justiz/ Ministry of Justice Jerusalemstrasse 27 10117 Berlin</p> <p>Department Bonn: Heinemanstrasse 6 53175 Bonn</p>	<p>a) National Surveying and Mapping Agency of each State of FRG/ Landesvermessungsamt (Topographic surveying and mapping scale 1:5,000 to 1:100,000)</p> <p>b) Federal Agency for cartography and geodesy/Bundesamt für Kartographie und Geodäsie (topographic mapping scale 1:200,000 to 1:1,000,000)</p> <p>c) District Cadastre Offices (Cadastral surveying and mapping scale 1:500 to 1:2500)</p>	<p>a) Communities (local authority planning for real estate utilization and building, Zoning plans, land consolidation in urban areas)</p> <p>b) Consolidation authorities (Farmland consolidation in rural areas)</p>
Telephone Number	+ 0228/584125	+ 0211 8712630	
Fax Number	+ 0228/584525	+ 0211 8712979	
E Mail Address	stiller-wo@bmj.bund.de		
Internet Home Page Address	http://www.bmj.bund.de	<p>Dipl.-Ing Friedrich Wilhelm Vogel c/o Ministry of Interior NorthRhine – Westphalia Haroldstrasse 5 D-40312 Dusseldorf</p>	
Contact Name	Wolfgang Stiller		
Ministry responsible	<p>Federal Ministry of Justice/Berlin Bonn (Legislation) Ministries of Justice of the States of FRG</p>	<p>different in the States: Most: Ministry of the Interior others: Ministry of Finance Ministry of Economic Affairs</p>	<p>a) Ministries of Housing and Building b) Ministries of Agriculture and Forestry</p>

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Greece	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Hellenic Mapping and Cadastral Organisation (HEMCO) 11-13 T. Vassou St. GR-11521 Athens	Hellenic Mapping and Cadastral Organisation (HEMCO) 11-13 T. Vassou St. GR-11521 Athens	
Telephone Number	+ 3016446776	+ 3016446776	
Fax Number	+ 3016447039	+ 3016447039	
E Mail Address			
Internet Home Page Address			
Contact Name	J Badekas, President of HEMKO	J Badekas, President of HEMKO	
Ministry responsible	Ministry of Environment, Planning and Public Works Ministry of Justice	Ministry of Finance, Department of Capital Taxation	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Hungary	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Department of Lands and Mapping, Ministry of Agriculture and Regional Development H-1860 Budapest 55 P O Box 1	Mapping Service of the Hungarian Home Defence Services H-1525 Budapest 114 P O Box 37	Department of Lands and Mapping, Ministry of Agriculture and Regional Development H-1860 Budapest 55 P O Box 1
Telephone Number	+ 36 1 301 4151	+ 36 1 212 2744	+ 36 1 301 4151
Fax Number	+ 36 1 301 4719	+ 36 1 212 2756	+ 36 1 301 4819
E Mail Address	geza.koszegi@fvm.hu	kadar.istvan@mhtehi.gov.hu	zsolt.szabo@fvm.hu
Internet Home Page Address	www.fvm.hu	http://www.mhteh.gov.hu	www.fvm.hu
Contact Name	Dr Geza Koszegi Head of Department	Mr Istvan Kadar Lt. Col Acting Chief	Mr Szabo Zsolt Head of Department
Ministry responsible	Ministry of Agriculture	Ministry of Agriculture (in the scale smaller than 1:10,000 the Mapping Agency of the Hungarian Home Defence Forces is responsible. Director General Colonel Jozsef Cseri H-1525 Budapest 114 P.O. Box 37 Tel. + 36 1 332 0161 Fax + 36 1 212 2756)	Ministry of Agriculture

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Iceland	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Fasteignamat ríkisins Borgartúni 21 IS-105 Reykjavík Iceland	Landmaelingar Islands Laugavegi 178 PO Box 5060 IS-125 Reykjavík Iceland	Fasteignamat ríkisins Borgartúni 21 IS-105 Reykjavík Iceland
Telephone Number	+ 354 561 4211	+ 354 533 40000	
Fax Number	+ 354 561 4636	+ 354 533 4010	
E Mail Address	mo@fmr.is	agust@lmi.is	
Internet Home Page Address	http://www.fmr.is	http://www.lmi.is	
Contact Name	Magnús Olafsson	Agúst Guomundsson	
Ministry responsible	Ministry of Finance (Ministry of Taxes and Duties)	Ministry of Environment	

- Notes
1. The actual function of the Fasteignamat ríkisins is to collect information of titles from the communities, which are responsible, and register them.
 2. Rights of ownership and mortgages etc are registered by legal authorities of which there are 23 throughout the country. These authorities belong to the Ministry of Justice. Fasteignamat ríkisins gets information of ownership from the legal authorities, the communities and by own collection.
 3. There is no cadastre in Iceland.
 4. The area of parcel boundaries is a joint responsibility of the communities and legal authorities.
 5. The recording of land use is a joint responsibility of the communities and Fasteignamat ríkisins

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Ireland	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	The Land Registry Chancery Street DUBLIN 7 Ireland		
Telephone Number	+ 353 1 6707500		
Fax Number	+ 353 1 8048074		
E Mail Address			
Internet Home Page Address	http://www.IRL.GOV.IE/LANDREG		
Contact Name	Paul Doyle		
Ministry responsible	Department of Justice		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Italy	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Dott. Ing Carlo Cannafoglia Agenzia del Territorio Direzione Centrale Della Cartografia, Catasto e Pubblicità Immobiliare	As for Land Registration	
Telephone Number	0039 06 4873570		
Fax Number	0039 06 47775337		
E Mail Address			
Internet Home Page Address	http://www.finanze.it/territorio/index.htm		
Contact Name	Antonio de Santis		
Ministry responsible	Ministro delle Finanze		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Latvia	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Department of LandBook Marsta, Iu 19 Riga LV 1050	State Land Service of the Republic of Latvia 11 Novembra Krastmalz 31 Riga LV 1484	State Land Service of the Republic of Latvia 11 Novembra Krastmala 31 Riga LV 1484
Telephone Number	+ 371 7224 847	+ 371 7212 320	+ 371 7212 320
Fax Number	+ 371 7210 533		
E Mail Address	inese@zemgram.lv	edvins.kapostins@vzd.gov.lv	edvins.kapostins@vzd.gov.lv
Internet Home Page Address	www.zemgram.lv	www.vzd.gov.lv	www.vzd.gov.lv
Contact Name	Inese Kalnina	Edvins Kapostins	Edvins Kapostins
Ministry responsible	Ministry of Justice	Ministry of Justice	Ministry of Justice

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Liechtenstein	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Grundbuchamt und Offenlichkeitsregistrant der Furstentums Liechtenstein Aeulestrasse 70 FL-9490 Vaduz	Tiefbauamt des Furstentums Liechtenstein Postgebaude FL-9490 Vaduz	Amt fur Volkswirtschaft Gerberweg 5 FL 9490 Vaduz
Telephone Number	00423 236 6200	00423 236 68 40	00423 236 68 71
Fax Number	00423 236 62 19	00423 236 60 79	00423 236 68 89
E Mail Address	Edmund.Freischer@gba.llv.li		
Internet Home Page Address			
Contact Name	Edmund Freischer		Christian Brunhart
Ministry responsible	Ministry for Justice	Ministry for Public Construction	Ministry for National Economy

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Lithuania	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	State Land Cadastre and Register 18. V. Kudirkos Vilnius LITHUANIA	National Geodesy and Cartography Service (NGCS) (topographic mapping) Ukmerges Str. 41 Vilnius	Counties Managers Administrations
Telephone Number	370 2 688202	370 2 725 790 (NGCS) 370 2 688 202 (SLCR)	
Fax Number	370 2 688311	370 2 725 791 (NGCS) 370 2 688 311 (SLCR)	
E Mail Address	info@kada.lt	vgkt@vgkt.lt (NGCS) info@Kada.lt (SLCR)	
Internet Home Page Address	www.kada.lt		
Contact Name	Romualdas Kasperavicius	Rimantas Ramanauskas	
Ministry responsible	Ministry of Environment and Ministry of Agriculture	Ministry of Environment and Ministry of Agriculture	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Luxembourg	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Administration du Cadastre et de la Topographie 54, Avenue Gaston Diderich, Boîte Postale 1761 L-1017 LUXEMBOURG	Administration du Cadastre et de la Topographie 54, Avenue Gaston Diderich, Boîte Postale 1761 L-1017 LUXEMBOURG	Ministère de l'Aménagement du Territoire 18 Montée de la Pétrusse L-2946 LUXEMBOURG
Telephone Number	+ 44901 - 1	+ 44901 - 1	+ 478-6915
Fax Number	+ 44901 - 333	+ 44901 - 333	+ 40 89 70
E Mail Address			patrick.grivet@life.lu
Internet Home Page Address			
Contact Name	M. André Peffer	M. André Peffer	Madame Maryse Scholtes, Conseiller de Gouvernement 1ère classe
Ministry responsible	Ministère du Budget	Ministère du Budget	Ministère de l'Aménagement du Territoire

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

FYRO Macedonia

	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	State Authority for Geodetic Works	As for Land Registration	As for Land Registration
Telephone Number	389 91 17 16 65		
Fax Number	389 91 17 16 68		
E Mail Address	rgu@rgu.gov.mk		
Internet Home Page Address	www.rgu.gov.mk		
Contact Name	Zoran Cvetanovski		
Ministry responsible			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Malta	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	The Land Registry 116 West Street Valletta, Malta	Mapping Unit, Planning Authority P.O. Box 200 Valletta, Malta	
Telephone Number	+ 356 231230	+ 356 240276	
Fax Number	+ 356 249941	+ 356 224846	
E Mail Address			
Internet Home Page Address			
Contact Name	Dr. Sylvana Spiteri	Matthew Gatt	
Ministry responsible	Ministry for Home Affairs	Ministry for the Home Affairs	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Republic of Moldova	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	National Agency for Geodesy Cartography and Cadastre	As for Land Registration	As for Land Registration
Telephone Number	+ 3732 21 22 44		
Fax Number	+ 3732 22 63 73		
E Mail Address	ilisuma@cni.md		
Internet Home Page Address			
Contact Name			
Ministry responsible			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Netherlands	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Agency for the Cadastre and the Public Registers Hofstraat 110 7311 KZ Apeldoorn	Same as Land Registration	Alterra P.O. Box 125 6700 AC Wageningen
Telephone Number	+ 31 55 528 5258		+ 31 317474200
Fax Number	+ 31 55 528 5029		+ 31 317424812
E Mail Address	paul.vandermolen@kadaster.nl P.vanderMolen@ap.Kadaster.nl.net		postkamer@sc.dlo.nl
Internet Home Page Address	www.kadaster.nl		
Contact Name	Prof. Ir P van der Molen		Prof. dr. A. K. Bregt
Ministry responsible	Housing, Physical Planning and Environment		Ministry of Agriculture

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Norway	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Ministry of Justice P O Box 8005 Dep N-0030 Oslo Norway	Statens Kartverk N-3500 Honefoss Norway	Norsk Institue for jord - og Skogkartlegging N-1430 Aas Norway
Telephone Number	+ 47 22 24 90 90	+ 47321 18100	+ 4764 94 9700
Fax Number	+ 47 22 24 27 24	+ 47321 18101	+ 4764 94 9786
E Mail Address	tove-m.voldbak@jd.dep.no	firmapost@statkart.no	nijos@nijos.no
Internet Home Page Address	http://odin.dep.no/jd/	www.statkart.no	www.nijos.no
Contact Name	Tove M. Voldbak	Heming Hardlevar	Geir Harald Strand
Ministry responsible	Ministry of Justice	Ministry of Environment	Ministry of Agriculture

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Poland	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	All regional courts, as well as their local branches (314 altogether)	1. Head Office of Geodesy and Cartography ul Wspólna 2; Warszawa 00926 2. District Offices of governmental administration (at present 267) have the legal obligation to keep the land and building register (Polish cadastre) 3. Geodetic and Cartographic documentation centres (at present there are 373) entrusted with technical service of the land and building register (Polish cadastre)	1. Head Office of Geodesy and Cartography ul Wspólna 2; Warszawa 00926 2. District Offices of governmental administration (at present 267) have the legal obligation to keep the land and building register (Polish cadastre) 3. Geodetic and Cartographic documentation centres (at present there are 373) entrusted with technical service of the land and building register (Polish cadastre)
Telephone Number	+ 48-22 628 25 75	+ 48 22 661 81 18	+ 48 22 661 81 18, 661 81 03.
Fax Number	+ 48-22 628 25 75	+ 48 22 661 8451	+ 48 22 628 58 87, 661 8451
E Mail Address			
Internet Home Page Address			

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Poland (continued)	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Contact Name	Dr Jerzy Kielbowicz - Vice Director, Ministry of Justice, Al. Ujazdowskie 11 00-950 Warszawa	Mr Konrad Pirwitz M.Sc.Eng - Director Head Office of Geodesy and Cartography	Mr Konrad Pirwitz M.Sc.Eng - Director Head Office of Geodesy and Cartography
Ministry responsible	Ministry of Justice	Head Office of Geodesy and Cartography ul Wspólna 2; 00-926 Warszawa	Head Office of Geodesy and Cartography ul Wspólna 2; 00-926 Warszawa

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Portugal	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Director Geral dos Registos e Notariado	IPCC–Instituto Portugues de Cartografia e Cadastrro Rua Artilharia Um 107 1070 LISBOA	
Telephone Number	+ 351 217 985 500	+ 351 21 381 96 00	
Fax Number	+ 351 217 951 350	+ 351 21 381 96 93	
E Mail Address	dgrn@dgrn.mj.pt	ipcc@ipcc.pt	
Internet Home Page Address	http://www.dgrn.mj.pt	http://www.ipcc.pt	
Contact Name	Director Geral dos Registos e Notariado (Santana Vidigal)	Presidente do IPCC (also Dimas Augusto Veigas)	
Ministry responsible	Ministry of Justice	Ministry of Environment and Land Administration	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Romania	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Ministry of Justice 17, Apolodor Street Bucharest Romania	National Office for Cadastre, Geodesy and Cartography 202A Splaiul Independentei Blvd Bucharest Romania	National Office for Cadastre, Geodesy and Cartography 202A Splaiul Independentei Blvd Bucharest Romania
Telephone Number	+ (401) 310 1663	+ (401) 222 2900 + (401) 222 5224	+ (401) 222 2900 + (401) 222 5224
Fax Number	+ (401) 310 0115		
E Mail Address	vpamfil@minjust.kappa.ro		
Internet Home Page Address			
Contact Name	Virgil Pamfil Director, Cadastre and Land Registration Project		
Ministry responsible	Ministry of Justice	Prime Ministers Office	Prime Ministers Office
		See Note on following page	

Name and Address of responsible organisation(s):

Romania (continued)

SPECIAL NOTE An Emergency Ordinance (#70/2001) was published in the Official Gazette of **May 23, 2001**. It is called '**EO for amending and completing the Cadaster Act #7/1996**'. **Art. I.** According to the present EO, the next articles in Law # 7/1996 should be amended as follows (the translation is only informal): - **Art.3.** The National Office for Cadastre, Geodesy and Cartography (NOCGC) is established as a specialized Governmental Agency with legal personality under the authority of the Ministry of Public Administration by the re-organization of the former NOCGC under the Prime Minister's Office and by taking over the activities of Rural Cadastre and Rural Planning from the Ministry of Agriculture. Thereafter, the Local Cadastre Geodesy and Cartography Offices (LOCGC) in each district (including Bucharest) are re-organized by merging, under the authority of NOCGC, the former LOCGC (under the authority of NOCGC) and former Rural Planning and Agricultural Cadastre Offices - OCAOTAs - (under the authority of the MoA). The same the Institute of Cadastre, Geodesy, Photogrammetry and Cartography (ICGFC) is established by merging under the authority of NOCGC the former Institute of Cadastre, Geodesy, Photogrammetry and Cartography (under the authority of NOCGC) and the former Institute of Cadastre and Agriculture Land Planning - ICOTA (under the authority of the MoA). - **Art.4.** The ministries, other legal persons will organize special cadastres in the following fields: forestry, industrial, mining, urban utilities, transports, tourism, protected areas, etc. - **Art.5.** NOCGC will extend its tasks with the following: - accomplishes agricultural cadastre works - organizes the information system related to agriculture land; - organizes, coordinates and executes the measurements related to the implementation of the land restitution laws (#18/1991, #169/ 1997 and # 1/2000). - **Art.9.** Financing the activity of NOCGC and ICGFC is insured from the extra-budgetary incomes and from State Budgets. - **Art. 17.** The LOCGC is authorized to execute cartographic and cadastral works directly or through licensed surveyors. - **Art. 69** - is cancelled - **Art. 71.** The information from General Cadastre and Public Registers and from Specialized Cadastres represents Public State Assets. This information could be accessed by the interested persons excepting the cases related to national security or other established by law. The Central and Local Administration bodies could access for free the above information for accomplishing their tasks and the other persons could access the information against payment. **Art. II.** The organization and functioning for NOCGC and its units will be proposed by the Ministry of Public Administration and will be approved within 30days (from May, 23) by a Governmental Decision. The patrimony related to the activity of cadastre, geodesy and cartography belonging to the OCAOTAs and ICOTA, including the cadastral data basis are taking over in full extent by the NOCGC and ICGFC. **Art.III.** The provisions of the present EO enter into force starting with **July 1, 2001**. **Art. IV.** The Ministry of Public Finance will amend accordingly the State Budgets' structure for 2001 related to MPA and MoA. **Art.V.** MoA will submit to the Government its new organizational structure according to the present EO within 30 days (from May, 23). **Art. VI.** Under the authority of the Local Governments could be established community services for cadastre and agriculture staffed with related specialists.

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Russian Federation	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Federal Land Cadastre Service of Russia Miasnickaya Street, 39-1 103450 Moscow Russian Federation	As for Land Registration	As for Land Registration
Telephone Number	(7-095) 207 9627		
Fax Number	(7-095) 207 2695		
E Mail Address	alo@fccland.ru		
Internet Home Page Address	www.goscomzen.ru		
Contact Name	Sergei I. Say Chief		
Ministry responsible	Federal Land Cadastre Service of Russia (Roszemcadastre) is responsible for the maintenance of the State Land Cadastre Municipal Justice Agencies of the Russian Federation Ministry of Justice are responsible for registration of rights in real estate and transactions with real estate. Country National Ministry Russian Federation Federal Land Cadastre Service of Russia		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

San Marino	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Ufficio Del Registro E Delle Ipoteche Viale Onofri - 47890 San Marino Republic of San Marino	Ufficio Tecnico del Catasto Via Piana, 42-47890 San Marino Republic of San Marino	Ufficio Tecnico Del Catasto Via Piana, 42-47890 San Marino Republic of San Marino
Telephone Number	+ 378 88 20 94	+ 378 88 21 05	+ 378 88 21 05
Fax Number	+ 378 88 21 00	+ 378 88 21 22	+ 378 88 21 22
E Mail Address			
Internet Home Page Address			
Contact Name	AVV Paola Colombini, Direttore	Ing. Piermarino Montagna Direttore	Ing Pier Marino Montagna Direttore
Ministry responsible	Ministry of Finance and Budget Segreteria di Stato per le Finanze e il Bilancio – Programmazione	Segreteria di Stato per il Territorio Ambiente, Agricoltura e Rapporti con A.A.S.P	Segreteria di Stato per il Territorio Ambiente Agricoltura e Rapporti Con A.A.S.P

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Slovakia	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Geodesy, Cartography and Cadastre Authority of the Slovak Republic Stromova 1 833 86 Bratislava Slovakia	The same as Land Title Registration	The same as Land Title Registration
Telephone Number	+ 421 7 374 742		
Fax Number	+ 421 7 374 753		
E Mail Address	jtomas@geodesy.gov.sk	niksova@geodesy.gov.sk	
Internet Home Page Address	http://www.geodesy.gov.sk		
Contact Name	Jaroslava Tomasovicova	Nadezda Niksova	Nadezda Niksova
Ministry responsible	Geodesy, Cartography and Cadastre Authority of the Slovak Republic		

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Slovenia	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	The Supreme Court of the Republic of Slovenia Tavcarjeva 9 SI - 1000 Ljubljana Slovenia	Surveying and Mapping Authority of the Republic of Slovenia Zemljemerska Ulica 12 SI - 1000 Ljubljana Slovenia	Surveying and Mapping Authority of the Republic of Slovenia Zemljemerska 12 SI - 1000 Ljubljana Slovenia
Telephone Number	+ 386 61 432 31 33	+ 386 01 47 84 900	
Fax Number	+ 386 61 32 16 50 + 386 61 31 43 70	+ 386 01 47 84 909	+ 386 01 47 84 909
E Mail Address		ales.seliskar@gov.si	ales.seliskar@gov.si
Internet Home Page Address		http://www.sigov.si/gu/	http://www.sigov.si/gu/
Contact Name	Alenka Jelenc-Puklavec	Ales Seliskar	Ales Seliskar
Ministry responsible	Ministry of Justice	Ministry of Environment and Physical Planning	Ministry of Environment and Physical Planning

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Spain	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Colegio De Registradores de la Propiedad Principe de Vergara, 72 28006 - Madrid	Dirección General del Catastro Paseo de la Castellana, 272 28046 - Madrid	It's competence of regional Government and local authorities
Telephone Number	341 411 39 55	341 583 67 42	
Fax Number	341 563 30 63	341 583 67 52	
E Mail Address			
Internet Home Page Address			
Contact Name	José Poveda Decano del Colegio	Jesus S. Miranda Hita Director General	
Ministry responsible	Ministerio de Justicia	Finances	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Sweden	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Seven local courts under the administrative supervision of National Courts Administration (Domstolsverket), S-551 81 Jönköping	Lantmäteriet (The National Land Survey) S-80182 Gävle, Sweden	288 municipalities for intended land use, but actual land use recorded as part of valuation process and also in Land Data Bank System (for which National Land Survey is responsible)
Telephone Number	+ 46 36 155300	+ 46 26 633000	
Fax Number	+ 46 36 165721	+ 46 26 611738	
E Mail Address		bengt.kjellson@lm.se	
Internet Home Page Address	www.dom.se	http://www.lantmateriet.se	
Contact Name	Monica Dahlbom	Bengt Kjellson	
Ministry responsible	Ministry of Justice	Ministry of Environment	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Switzerland	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Eidg. Amt für Grundbuch - und Bodenrecht Taubernstr 16 CH - 3003 Bern Switzerland	Swiss Federal Directorate of Cadastral Surveying Seftigenstrasse 264 CH - 3084 Wabern Switzerland	Swiss Federal Office of Statistics CH - 3003 Bern Switzerland
Telephone Number	+ 41 31 322 41 80	+ 41 31 963 24 13	+ 41 32 713 67 04
Fax Number	+ 41 31 322 44 83	+ 41 31 963 22 97	+ 41 32 713 65 60
E Mail Address	manual.mueller@bj.admin.ch	info_vd@LT.admin.ch	arealstatostik@bfs.admin.ch
Internet Home Page Address		http://www.swisstopo.ch/de/vd/ INDEX.htm	http://www.statistik.admin.ch/stat_ch/ ber02/asch/dframe1.htm
Contact Name	Manuel Müller	Daniel Steudler	Andreas Finger Rainer Humbel
Ministry responsible	Department of Justice and Police	Department of Defense, Civil Protection and Sport	Department of the Interior

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

Turkey	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Land Registry and Cadastre of Turkey	Land Registry and Cadastre of Turkey	
Telephone Number	0-312-425 4631	0-312-425 4631	
Fax Number	0-312-4186103	0-312-4186103	
E Mail Address			
Internet Home Page Address			
Contact Name	Nihat Sahin	Nihat Sahin	
Ministry responsible	Ministry of State	Ministry of State	

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

United Kingdom <i>England & Wales</i>	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	H M Land Registry 32 Lincoln's Inn Fields London United Kingdom WC2A 3PH	Ordnance Survey Romsey Road Southampton United Kingdom SO16 4GU	Dept of the Environment Eland House Bressenden Place London United Kingdom SW1E 5DU
Telephone Number	(+ 44) 0171 917 8888	(+ 44) 01703 792669	
Fax Number	(+ 44) 0171 955 0110	(+ 44) 01703 792351	
E Mail Address	alan.pemberton@landreg.gsi.gov.co.uk	ilogan@ordsvy.gov.uk	
Internet Home Page Address	http://www.landreg.gov.uk	http://www.ordsvy.gov.uk	
Contact Name	Alan Pemberton	Ian Logan	Dorothy Salathiel
Ministry responsible	Lord Chancellor	Secretary of State for the Environment	Dept of the Environment

Organisation and Government Responsibility

Section A

Name and Address of responsible organisation(s):

United Kingdom <i>Scotland</i>	Land Title Registration (Registration of rights of ownership, mortgages etc.)	National Topographic and Cadastral Survey and Recording in the area of Parcel Boundaries	Land Use
Address	Registers of Scotland Executive Agency Meadowbank House 153 London Road Edinburgh EH8 7AU	Ordnance Survey Romsey Road Southampton United Kingdom SO16 4GU	Macaulay Land Use Research Institute Craigiebuckler Aberdeen AB15 8QH
Telephone Number	(+ 44) 0131 659 6111	(+ 44) 01703 792669	(+ 44) 01224 318611
Fax Number	(+ 44) 0131 459 1221	(+ 44) 01703 792351	(+ 44) 01224 311556
E Mail Address	alan.ramage@ros.gov.uk	ilogan@ordsvy.gov.uk	d.miller@mluri.sari.ac.uk
Internet Home Page Address	www.ros.gov.uk	http://www.ordsvy.gov.uk	
Contact Name	Alan Ramage	Ian Logan	Dr. David Miller
Ministry responsible	Minister for Justice	Secretary of State for the Environment	Secretary of State for Scotland

Land Title Registration

Section B

1. Do you have a system for recording Land Ownership and if so, how is it recorded ?

Country	Yes	No Refer to Question 9	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
Albania	✓			✓				Regjistri I Kartelave Te Pasurise Se Paluajtshme (Register of Kartelas of Immoveable Properties)
Armenia	✓			✓				Legal cadastre
Austria	✓		✓	✓				Grundbuch: a Title System Principles: 1. Validity by registration 2. Publicity and others
Azerbaijan	✓		✓					The State Book of Registration and Control of Land Use (Kniga Gosudarstvenogo ucheta e registrasii zemlopolzovania) The Cadastral Book of Lands of Organisations, Enterprises and Institutions (Kniga Kadastra zemel organisasii, predpriatii e uchrezdenii)
Belarus	✓				✓		Kataster Nekretnina (Real Estate)	
Bosnia & Herzegovina	✓			✓				Zemljisna Knjiga, Kataster Nekretnina, Kataster Zemljista
Bulgaria								

Land Title Registration

Section B

1. Do you have a system for recording Land Ownership and if so, how is it recorded ?

Country	Yes	No Refer to Question 9	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
Canada								
<i>Alberta</i>	✓		✓	✓			Titles are all maintained in electronic database. Documents regarding interests registered on the title are in the process of being imaged so they can be searched and displayed as part of the on-line system	Certificate of Title under Torrens System
<i>British Columbia</i>	✓		✓	✓				Torrens Title Assurance System, Certificate of Title
<i>Manitoba</i>	✓		✓	✓		✓ Land under Torrens system governed by the Real Property Act. Land under the Common Law governed by the Registry Act	Daily record of all transactions recorded against land	Title, Certificate of Title, Abstract
<i>New Brunswick</i>	✓			✓	✓	✓ Dual Registries, Registers and Land Titles, Coexist		✓ Title Register
<i>Ontario</i>	✓			✓	✓*	✓(*Called an abstract index-records all interests in land based on geographics called Registry System		1. Parcel Register – Land Titles 2. Abstract Index – Registry 3. PIN (Property Identification Number) Automated record in both Land Titles and Registry

Prince Edward Island	✓				✓			Grantor/Grantee Indexes
Saskatchewan	✓		✓	✓				certificate of title
Croatia	✓		✓	✓				Land Register; Zemjiska knjiga (or Grundbuch; Gruntovnica)
Cyprus	✓		✓	✓				Land Register
Czech Republic	✓		✓	✓				Katastr nemovitosti
Denmark	✓			✓				Tingbog
Estonia	✓		✓					Kinnistusraamat
Finland	✓			✓ By real estate identifier (a real estate may have several parcels)				Lainhutto - ja Kiinnitysrekisteri
France								
Germany	✓						✓ Grundbuch/ Land register Inventory list(parcel identifier, location, size and use respective to the real estate cadastre) Pt 1- ownership Pt 2- special rights eg usufruct of land, landed servitudes, life estate, right of way Pt 3- hypothecs, mortgages, land charges	Grundbuch

Land Title Registration

Section B

1. Do you have a system for recording Land Ownership and if so, how is it recorded ?

Country	Yes	No	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
Greece	✓				✓	✓	currently in transition between old system of register of deeds and new helleneic cadastral system (register of titles)	Old system - mortgage bureau system New system - national cadastre of greece
Hungary	✓			✓			the property sheet consists of three parts: Pt 1-descriptive data (site,area, cultivation features, soil quality, income etc. Pt 2-titles;data relating to ownership, name, address, birth etc. Part 3-all other titles and deeds; data on utilisation,soil quality, usufruct, limitations of disposition etc.	Ingatlan-Nyilvántartás
Iceland	✓			✓	✓	✓	✓ The register of land ownership in the register of deeds does not at all times coincide with Fasteignaskra.	Fasteignaskra = Computerised Register of land and real properties in houses
Ireland	✓		✓	✓	✓	✓	✓ The register of deeds was established in 1707. The register of titles was	Land Registry(Register of Titles), Registry of Deeds

Ireland (cont.)						established in 1891. The latter is gradually replacing the former which at this stage is largely concerned with urban property.		
Italy	✓		✓	✓	✓	✓ The register of deeds contents identification of holders of rights on real estate.	✓ Land use only for revenue determination.	Land Register – Cadastre
Latvia	✓		✓					Zemesgrāmata (Land book)
Liechtenstein	✓			✓				Grundbuch
Lithuania	✓		✓	✓	✓			Real Property Register (land, buildings, flats and rights to them)
Luxembourg	✓		✓	✓	✓	✓		Registres Cadastraux
FYRO Macedonia	✓		✓	✓				Zakon Za Premer Katastar i Zapisuvange na Pravata na Nedviznostite. (Popular name Katastar na Nedviznosti)
Malta	✓							Land Register
Republic of Moldova	✓ (in preparation)		✓	✓				Registrue Bunurilor Imobiliare (Register of Real Estate)
Netherlands	✓				✓	✓ All deeds are kept, actual situation is extracted from these deeds and recorded in the cadastral registration		“Kadaster”
Norway	✓			✓				Grunnbok
Poland	✓						The purpose of managing the land and mortgage registers	Ksiegi Wieczyste

Land Title Registration

Section B

1. Do you have a system for recording Land Ownership and if so, how is it recorded ?

Country	Yes	No	A register of title		A register of deeds	Both (please provide details)	Other records (please provide details)	How is the register record described locally
			by title number	by parcel identifier				
Poland (cont.)							is to settle the legal status of the real estate. Land and mortgage register constitute public record of rights in rem to the real estate manifesting its legal status in virtue of notarial deeds, administrative decisions, courts verdicts and other documents.	
Portugal	✓			✓				
Romania	✓			✓		This system replaced the previous system starting with July 1999 (In which there were two types of registers – of title and of deeds – covering one half of the country) according to the new law on Cadastre and Public Registers, No 1/1996		The name of the register in Romanian is “Carle Funciara” (the Romanian equivalent of German Grundbuch)
Russian Federation	✓							Before 1998 land ownership was registered in the Land Book by cadastral identifier or street address. If the unit of real estate does not have a cadastral identifier then the

Russian Federation (cont.)							unit is assigned a number by the registration authority. Starting from January 1998 the land ownership record will be done in the Unified State Register of Rights to Real Property and Transactions With It.
San Marino	✓			✓For the Land Registry Office	✓For the Office of Public Records and Mortgages*		*deeds under public seal and probated private contracts concerning the transfer of real property and landed estate, final judgements, and succession statements Registri Catastali c/o Land Registry Office Registri Delle Proprieta' immobiliari c/o The Office of Public Records and Mortgages, where everyone is free to consult the "Tables of Records and Registrations"
Slovakia	✓			✓			Cadastre of Real Estates
Slovenia	✓		✓				Land Register
Spain	✓			✓			Registro de la Propiedad
Sweden	✓			✓			Inskrivnings register
Switzerland	✓			✓			Grundbuch/ registre foncier/ registro fondiano
Turkey	✓			✓			Tapu Sicili
United Kingdom							
England & Wales	✓		✓				Register of Title
Scotland	✓					✓	*Land Register of Scotland is a register of title - General Register of Sasines is a register of deeds - the former is progressively replacing the latter.

Land Title Registration

Section B

B2. Please indicate which of the following items are included in these records:

Country	Purchase Price Paid	Legal Rights	Existence of Secured Loan
Albania	✓	✓	✓
Armenia		✓	
Austria		✓	✓
Azerbaijan		✓	
Belarus	✓	✓	✓
Bosnia and Herzegovina	✓	✓	✓
Bulgaria			
Canada			
<i>Alberta</i>	✓	✓	✓
<i>British Columbia</i>		✓	✓
<i>Manitoba</i>	✓	✓	✓
<i>New Brunswick</i>		✓	✓
<i>Ontario</i>	✓		✓
<i>Prince Edward Island</i>		✓	
<i>Saskatchewan</i>	✓	✓	✓
Croatia		✓	✓

Cyprus	✓	✓	✓ (any charge against the property)
Czech Republic		✓	✓
Denmark	✓	✓	✓
Estonia		✓	✓
Finland	✓	✓	✓
France			
Germany		✓	✓
Greece		✓	
Hungary		✓	✓
Iceland	✓ In the Register of Land and Houses	✓ In the Register of Deeds	✓ in the Register of Deeds
Ireland		✓	✓
Italy		✓	✓
Latvia	✓	✓	✓
Liechtenstein		✓	✓
Lithuania	✓	✓	✓ in a separate mortgage register
Luxembourg	✓	✓	
FYRO Macedonia		✓	✓
Malta		✓	✓
Republic of Moldova		✓	✓
Netherlands	✓	✓	✓

Land Title Registration

Section B

B2. Please indicate which of the following items are included in these records:

Country	Purchase Price Paid	Legal Rights	Existence of Secured Loan
Norway	✓ (only for fixing the fee for registration and for determining the sales tax)	✓	✓
Poland		✓	✓ (hypothecary security)
Portugal		✓	✓
Romania		✓	✓
Russian Federation	✓	✓	✓
San Marino		✓	✓
Slovakia		✓	✓
Slovenia		✓	✓
Spain	✓	✓	✓
Sweden	✓	✓	✓
Switzerland	✓	✓	✓
Turkey	✓	✓	✓
United Kingdom			
<i>England & Wales</i>	✓	✓	✓
<i>Scotland</i>	✓	✓	✓

Land Title Registration

Section B

B3. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional Level	Other (please specify)
Albania	✓			
Armenia	✓			
Austria	✓ (storage & administration)		✓ (Maintenance)	
Azerbaijan			✓	
Belarus			✓	
Bosnia & Herzegovina	✓		✓	
Bulgaria				
Canada				
<i>Alberta</i>		✓		
<i>British Columbia</i>		✓		
<i>Manitoba</i>		✓		
<i>New Brunswick</i>			✓	
<i>Ontario</i>		✓	✓	
<i>Prince Edward Island</i>		✓ By County within Province		
<i>Saskatchewan</i>		✓	✓	8 Customer Service Centres
Croatia			✓	

Land Title Registration

Section B

B3. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional Level	Other (please specify)
Cyprus	✓		✓	Each of the 6 districts administers its own Land Registers under the overall control of the Director at a national level.
Czech Republic	✓ maintenance, supervision, central data base of digital data		✓ (cadastral offices in districts)	
Denmark			✓	The system is a part of the lower courts. The contents of the register are kept in a central database
Estonia	✓			
Finland	✓		✓	The data is updated by the local courts. The central data system is supervised by the Ministry of Justice
France				
Germany			✓ (Grundbuch in the local court)	
Greece	✓ New Cadastral system		✓ Old System	
Hungary	✓			
Iceland	✓ (The register of land and real properties in houses)	✓ (The register of deeds)		
Ireland	✓		✓	Maintenance of duplicate Registers of Titles

Italy		✓		
Latvia	✓			✓
Liechtenstein	✓			
Lithuania	✓			✓
Luxembourg	✓			
FYRO Macedonia	✓Supervision, central database of digital data			✓Cadastral, offices in districts
Malta	✓			
Republic of Moldova	✓			✓
Netherlands	✓			
Norway				✓ (in 87 local court offices*)
Poland				✓
Portugal	✓			✓
Romania				
Russian Federation	✓Administered	✓Administered		✓Maintained
San Marino	✓			
Slovakia		✓ (regular distribution of data to central computing unit)		
Slovenia	✓Supervision with central database which is establishing			✓(local)
				Local offices
				Note - the LR intends seeking ways of compiling/ holding data at Local Council level (recently set up).
				Offices in the provinces
				* Note: Parliament has decided to transfer land registration from the courts
				The Cadastre at district level; the Registers at local level
				From the year 2000 some local courts are already established databases which will be maintained at local level and they are connected in the national database

Land Title Registration

Section B

B3. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional Level	Other (please specify)
Spain	✓			Registration is made at seven of the lower courts. The computerised register is kept in a central, national database (part of the Land Data Bank System, for which the National Land Survey is responsible).
Sweden	✓		✓	
Switzerland		✓	✓	
Turkey	✓			
United Kingdom				
<i>England & Wales</i>	✓			
<i>Scotland</i>	✓			

Land Title Registration

Section B

B4. Are these records held:

Country	In a computerised format (indicate percentage)	As Paper / Manual Records	In a Combination of Both
Albania			✓
Armenia		✓	
Austria	✓ 100%		
Azerbaijan		✓	
Belarus		✓	
Bosnia & Herzegovina			✓
Bulgaria			
Canada			✓
<i>Alberta</i>	✓ 100% (microfilm documents being converted to digital images)		
<i>British Columbia</i>	✓ 100%		
<i>Manitoba</i>	✓ 60%	✓	✓
<i>New Bruswick</i>			✓
<i>Ontario</i>			✓
<i>Prince Edward Island</i>			✓
<i>Saskatchewan</i>	✓100% of current titles by end of 2002	✓Instruments other than current titles to be imaged as time allows	

Land Title Registration

Section B

B4. Are these records held:

Country	In a computerised format (indicate percentage)	As Paper / Manual Records	In a Combination of Both
Croatia		✓	
Cyprus			✓
Czech Republic	✓ (conversion will be finished in 1998)		
Denmark	✓ 100%		
Estonia			✓
Finland	✓ 100%		
France			✓
Germany	Computerisation begun	✓	
Greece	✓ New cadastral system 100%		✓
Hungary	✓ 100%		✓
Iceland	✓ The Register of Land and Real properties in Houses (98-100%)	✓ The Register of Deeds	
Ireland	✓ In the Land Registry 18% of the Folios are on computer. In the Register of Deeds some of the abstracts are on computer, resulting in 40% of all searches being done on computer.	✓	✓
Italy	✓		
Latvia	✓		

Liechtenstein			✓	
Lithuania	✓ 100 %			✓
Luxembourg				✓
FYRO Macedonia	✓ 100 %			
Malta				✓ In the coming years - solely in a computerised format (copies in paper records being kept by the Notary).
Republic of Moldova				✓
Netherlands	✓ 100 %			
Norway	✓ 100 %			
Poland				
Portugal	✓ 10 %	✓90 %		✓ with decisive supremacy of paper
Romania			✓	
Russian Federation				✓
San Marino			✓	
Slovakia	✓ 100 %			
Slovenia			✓	✓Computerisation of the land register is in the first phase
Spain				✓
Sweden	✓ 100 %			
Switzerland		✓		✓Until now 16 cantons have been authorised by the Federal Council to keep the land register (Grundbuch) in a computerised format

Land Title Registration

Section B

B4. Are these records held:

Country	In a computerised format (indicate percentage)	As Paper / Manual Records	In a Combination of Both
Turkey			
United Kingdom			
<i>England & Wales</i>	✓ 96%		
<i>Scotland</i>	✓ 100%		

B5. Is this data open to public inspection

Country	By Any Member of the Public Without Restriction	By Any Member of the Public With Restriction in the level of Access	By Professional Parties Only	By Other Groups (please specify)
Albania		✓		
Armenia		✓		
Austria			✓ Search by name only for public authorities and notaries	
Azerbaijan		✓		
Belarus				
Bosnia & Herzegovina	✓			
Bulgaria				
Canada				
<i>Alberta</i>	✓ (on payment of prescribed fees)			
<i>British Columbia</i>	✓ (available on line through BCO[new web based service])			
<i>Manitoba</i>	✓ (to search public record)	✓		
<i>New Brunswick</i>		✓		
<i>Ontario</i>	✓			
<i>Prince Edward Island</i>	✓ within office procedures			
<i>Saskatchewan</i>	✓ (available on-line)			

Land Title Registration

Section B

B5. Is this data open to public inspection

Country	By Any Member of the Public Without Restriction	By Any Member of the Public Without Restriction in the level of Access	By Professional Parties Only	By Other Groups (please specify)
Croatia		✓		
Cyprus	✓			By interested parties with restrictions in the level of access.
Czech Republic		✓		
Denmark	✓	✓		
Estonia		✓		
Finland	✓			
France				
Germany	✓ Public authorities and notaries, owners (for their own property)	✓ Any one else with a justified interest		
Greece			✓ Old system	
Hungary	✓ Open access with very limited exception e.g military areas			
Iceland	✓			
Ireland	✓			
Italy	✓			
Latvia		✓		
Liechtenstein		✓		

Lithuania	✓ (Courts, prosecutors, state security offices, and etc.)	✓ (banks and others)		
Luxembourg	✓			
FYRO Macedonia	✓			
Malta	✓			
Republic of Moldova		✓		
Netherlands	✓			
Norway	✓			
Poland		✓ restricted access to the file of land and mortgage register (law interest is required)		
Portugal	✓			
Romania	✓			
Russian Federation	✓			
San Marino	✓			
Slovakia		✓		
Slovenia		✓		
Spain		✓		
Sweden	✓			
Switzerland	✓ Public authorities, notaries and owners for their property	✓ with a justified interest		

Land Title Registration

Section B

B5. Is this data open to public inspection

Country	By Any Member of the Public Without Restriction	By Any Member of the Public Without Restriction in the level of Access	By Professional Parties Only	By Other Groups (please specify)
Turkey	<p>✓ The Turkish Land Registration is an open system for everybody who asks for access in cadastral or land related information to search and learn about the ownership, value and mortgage condition of such a property.</p>			
United Kingdom				
<i>England & Wales</i>	✓			
<i>Scotland</i>	✓			

B6. Is the system of property transfer/land registration guaranteed by the state?

Country	No	Yes (please provide brief details in the space provided)
Albania		✓ The law explicitly guarantees the protection of legal rights of the registration system
Armenia		✓ According to the legislation of the Republic of Armenia the title registration and property transfer is guaranteed by the State
Austria		✓
Azerbaijan	Not at this moment, although, it will be once new legislation has been passed.	
Belarus		Yes, guaranteed by the Land Act through compulsory registration
Bosnia and Herzegovina		✓
Bulgaria		
Canada		
<i>Alberta</i>		✓ 5% of registration fees are applied to an Assurance Fund which will provide land owners and registered interest holders with financial compensation if their interest is lost due to fraud, forgery or error by the Land Titles.
<i>British Columbia</i>		✓ Provincial Title Assurance fund maintained through a charge for each transaction
<i>Manitoba</i>		✓ For land under the operation of the Real Property Act, provision for an Assurance Fund to pay for claims where action arises out of an error, omission of the District Registrar or by virtue of the operation of the Act, some limitation where claim arises out of a mineral interest.

B6. Is the system of property transfer/land registration guaranteed by the state?

Country	No	Yes (please provide brief details in the space provided)
<i>New Brunswick</i>		✓ Land Titles only. Title to Registry Parcels is not guaranteed.
<i>Ontario</i>		There are two types of land registration in the Province – Registry, a geographical based system of registration and, Land Titles, a parcelized by ownership system. The government guarantees ownership of property under the Land Titles system.
<i>Prince Edward Island</i>	✓	
<i>Saskatchewan</i>		✓ The Land Titles Act guarantees indefeasible title except in certain exceptions listed in the Act.
Croatia		✓
Cyprus		✓
Czech Republic		✓ It is stated by law that proprietary and other material rights to real estates will come into power by their registration to the cadastre.
Denmark		✓ Guaranteed by the State in the sense that the State pays compensation when title is registered incorrectly.
Estonia	✓	
Finland		✓ From the beginning of 1997 the title and the data in the register is guaranteed by state for an individual in Good Faith.
France		

Germany			A change in property ownership becomes effective in law at the moment of entry in the land register. That way the land register reproduces the actual legal position. Artificial presumption of truth and complete registration applies to the land register. It has public faith. The contents of the land register applies to be true in favour of the acquiring party (bona fide acquisition)
Greece	✓ Old system		✓ Under the new Hellenic Cadastre System
Hungary			✓ The safe and secure transfer of title can be freely conveyed. In Hungary the Government acts as the guarantor of title through the act of registration of property which records all required legal, administrative, financial and physical description information within the system of register and upon the cadastral map
Iceland		✓	
Ireland			✓ The register of titles is conclusive in favour of a purchaser in good faith, the state compensating any person suffering a loss by reason of any error in registration originating in the Registry or by reason of forgery or fraud. The registration of deeds affords a priority but does not confer any additional validity and there is no guarantee by the State.
Italy		✓	
Latvia			✓ By the Civil law
Liechtenstein			✓ The basis of the guarantee is Liechtenstein Civil Law.
Lithuania			✓ Law on Real Property Register foresees the State Guarantee
Luxembourg			The Cadastre furnishes the details of proprietorship to the Notary. The notary executes authentic deeds. The registry office records the deeds. One copy is sent to the Cadastre. After one year the Cadastre publishes the new proprietor in his public register.
FYRO Macedonia			✓ With certificate from the court.

B6. Is the system of property transfer/land registration guaranteed by the state?

Country	No	Yes (please provide brief details in the space provided)
Malta		<ul style="list-style-type: none"> ✓ - where Government is involved. - if 10 years elapse from date of application unless a title with qualification is issued or unless an objection/caution has been lodged. - dealings in an absolute title.
Republic of Moldova		<ul style="list-style-type: none"> ✓ It is proposed to create a warranty fund from a percentage of registration fee
Netherlands		<ul style="list-style-type: none"> ✓ The Cadastre and Public Registers Agency guarantees the processing of the notarial deeds in the Land Registers and the cadastral maps.
Norway		<ul style="list-style-type: none"> ✓ By law on the Land Register
Poland		<ul style="list-style-type: none"> ✓ The land and mortgage register is managed to record legal status of property having credibility guaranteed by the State. It has public nature. The right to property becomes overt at the moment of entry in land and mortgage register and enjoys the presumed consistence with factual legal status and the public warranty of credibility of land and mortgage register.
Portugal		<ul style="list-style-type: none"> ✓ Titles registered in the land register are state guaranteed
Romania		<ul style="list-style-type: none"> ✓ The State protects the property rights against the third party
Russian Federation		<ul style="list-style-type: none"> ✓ Federal Law on Registration or Right to Real Property and transactions with it.
San Marino		<ul style="list-style-type: none"> ✓
Slovakia		<ul style="list-style-type: none"> ✓
Slovenia	<ul style="list-style-type: none"> ✓ 	

Spain ✓ by personal liability of civil servant

Sweden

✓ The contents of the register are in principle guaranteed to be correct. Compensation is paid to any holder of legal rights in the property who, having relied upon the information, has suffered losses.

Switzerland

✓ The basis of the guarantee is Swiss Civil Law on a Federal level

Turkey

✓

United Kingdom

England & Wales

✓ The registered title is guaranteed against adverse claims arising in the future. There is express provision for indemnity should any person suffer loss through any error or omission that occurs in the register.

Scotland

✓ Titles registered in the **Land Register** are State guaranteed. Recording of a deed in the **Sasine Register** confers a priority against any subsequent competing title but does not make the deed immune from challenge on the grounds of an intrinsic defect.

Land Title Registration

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B7. Do you have a system to protect an application to record a change of ownership against another pre-dated transfer ? (for instance by establishing priority rules for registration applications)

Country	No	Yes (please provide brief details in the space provided)
Albania		✓ A seal with date and time defines the priority
Armenia		✓
Austria		✓ The sequence of entries follows the sequence of applications
Azerbaijan	No, as all land is the property of the state	
Belarus	✓	
Bosnia and Herzegovina		✓
Bulgaria		
Canada		
<i>Alberta</i>		✓ Torrens System, each registration on title is assigned a unique priority number
<i>British Columbia</i>		✓ Torrens System
<i>Manitoba</i>		✓ Each registration is assigned a priority no. unique to that instrument. Where a title is created, a unique title of that ownership is created.
<i>New Brunswick</i>		✓ Documents are dealt with in sequential order (Time Stamp) of receipt
<i>Ontario</i>	✓	The Land Titles Act establishes priority rules by order of registration.
<i>Prince Edward Island</i>	✓	

Saskatchewan		✓ Transfers and other instruments are subject to instruments previously registered on our database. A search of the database is done each time a transfer is received.
Croatia		✓
Cyprus		✓ Based upon the time the declaration of transfer has been deposited in the Land Registry office
Czech Republic		✓ The priority of entries is stated by the law that depends on the moment of presentation or entry requirement.
Denmark		✓ A day-book is kept in order to establish priority of applications. Applications received on the same day have equal rights.
Estonia		✓ the sequence of entries follows the sequence of applications.
Finland		✓ Based on time when the application has been left in the local court.
France		
Germany		✓ The sequence of inscriptions follows the sequence of applications made, not of applications finished.
Greece	✓ The old system	✓ Under the new Hellenic system the principal of time priority is based upon the registration of the relevant application at the Cadastral Bureau
Hungary		✓ The land registration system is based on, and secured by, a strict filing system logging the timing of application entries.
Iceland		A document in violation of a pre-dated transfer is not accepted in the Register of Deeds.
Ireland		✓ In both systems of registration, priority is generally in accordance with the date of lodgement for registration. However a person who has entered into a contract to purchase, take a lease of or lend money on the security of a charge on land, the title of which is registered in the Land Registry, may make an application to have an entry made in the register after an official search, whereupon an application for registration of the instrument to complete the contract shall, provided it is in order and is delivered within a period of 14 days from the date of the entry, rank in priority before any other registration made in respect of that property within that period.
Italy		✓ A day-book is kept in order to establish priority of applications.

B7. Do you have a system to protect an application to record a change of ownership against another pre-dated transfer ? (for instance by establishing priority rules for registration applications)

Country	No	Yes (please provide brief details in the space provided)
Latvia		✓ Establishing priorities are regulated by the law of Landbooks of the Republic of Latvia.
Liechtenstein		
Lithuania		✓ the first application submitted for registration receives the priority over the subsequent ones.
Luxembourg	✓	
FYRO Macedonia		✓ By archiving the documents
Malta	✓ but we are working on a system whereby following a promise of sale, an official search will serve as a caution “blocking” the registration process. But in principle a first come first served principle applies.	
Republic of Moldova		✓ Priority by application time
Netherlands		✓ Entry in the public registers is a condition for a legal delivery. Pre dated transfers which are not recorded have no effect. More transfers of the same real estate submitted to the public registers the same day have priority according to the moment of recording, or - if that is the same - according to the moment of the execution of the deed before the notary - public.
Norway		✓ Priority by application time. A binding contract to sell the property may be recorded before the deed, and will block the registration of deeds which are not in line with the contract.

Poland		✓ “Reference to application”. The day of submitting of application for entry in register decides about its registration sequence. Sequence of application is decisive for qualification of precedence of rights to property presented in land and mortgage register. The reference to application results in reservation the place in register and to make obstruction against applications with higher numbers (it means submitted later).
Portugal		✓ A day-book is used to establish priority of registration
Romania		✓ In the input registry the date and hour of the application is recorded.
Russian Federation		✓ The applications are registered as they come in. The priority rules are not established in a sense as they are described in western countries.
San Marino		✓
Slovakia		✓ - special “seal” is put into the database so that application sent at specific time could not be “overcome” by later application. - pre-emption right is also involved.
Slovenia		✓ Registrations made according to order of precedence of Land Register Proposals
Spain		✓
Sweden		✓ The first application delivered for registration receives priority over any application subsequently received. A preliminary but binding contract to sell the property may be recorded before the concluding transfer documents and will block the registration of documents which are not associated with the contract.
Switzerland		✓
Turkey		✓ Every kind of changes on the records and also transfers are done at the same office and on the same Land Record Books. That’s why another pre-dated transfer not possible.
United Kingdom		
<i>England & Wales</i>		✓ An application for registration delivered to a land registry office generally receives priority over any application subsequently received. A prospective purchaser may, however, apply for an official search in advance of lodging the application to transfer the title. The Official Search which also gives details of any adverse entries made on the register after a given date, gives priority to this application for a period of 30 days. Any other application received during this priority period is postponed until after the registration of the original application protected by the search.
<i>Scotland</i>	✓	

B8. What was the total number of applications received to record a change in property ownership last year ?

Country	Total of number of applications received to record a change in property ownership annually
Albania	Approximately 16,000
Armenia	44,789
Austria	800,000
Azerbaijan	None
Belarus	No information available
Bosnia and Herzegovina	No information available
Bulgaria	
Canada	
<i>Alberta</i>	146,000 titles issued, approximately 900,000 registrations
<i>British Columbia</i>	200,000 titles issued – approximately 1,000,000 registrations
<i>Manitoba</i>	70,000 titles issued. 167,000 registrations
<i>New Brunswick</i>	85,000± – Documents
<i>Ontario</i>	1.4 million registrations. (Not all registrations record a change in ownership. This number includes all dealings with property e.g. mortgages, liens, discharges, etc.)
<i>Prince Edward Island</i>	3,000
<i>Saskatchewan</i>	227,376 including all types of changes (from January – December 2000)
Croatia	No information available
Cyprus	50,000
Czech Republic	667,000
Denmark	160,000
Estonia	Approximately two thirds of number of cadastral units are registered in the Title Book (in Land Registry)
Finland	122,000
France	–

Germany	Unknown
Greece	No official data available for 1995
Hungary	2,450,482 (2000). Please note number of ownership changes is not statistically registered and reported.
Iceland	Acc. to Icelandic Law each apartment in a condominium can be a real property. Actually this is the most common property in Iceland. Transfers of ownership for all kinds of properties numbered approximately 17,000 in 1996.
Ireland	Not available
Italy	About 2,000,000
Latvia	170,000 approx.
Liechtenstein	Data not available
Lithuania	217,000 (including land and buildings)
Luxembourg	For the whole country: 18,000 deeds (40,000 lots of land)
FYRO Macedonia	About 15,000
Malta	See No. B9
Republic of Moldova	No information supplied
Netherlands	350,000
Norway	145,000
Poland	The number of submitted applications is not known. Total number of applications settled by Courts, Sections of Land and Mortgage Register amounts to 1,953,170 (ownership and restricted rights in rem to land, buildings and apartments in block of flats).
Portugal	- Not supplied
Romania	About 2,000,000 applications
Russian Federation	11.3 million
San Marino	1,160
Slovakia	280,000 approx
Slovenia	Unknown
Spain	3,130,000
Sweden	300,000
Switzerland	Not Supplied
Turkey	2,360,544
United Kingdom	
<i>England & Wales</i>	2.0 million
<i>Scotland</i>	155,000 (1999/2000)

B9. If records are maintained of the following information please indicate the approximate number of properties transferred annually:

Country	From State Ownership to the Private Sector?	Within the Private Sector?	How Many Mortgages Were Registered
Albania	Not available		
Armenia	11,369	33,420	2,878
Austria			400,000
Azerbaijan	(None, answers to Q. 7, 8 & 9 will be available once the Land Reform Law has been passed).		
Belarus	No information	No information	No information
Bosnia and Herzegovina	No information	No information	No information
Bulgaria			
Canada			
<i>Alberta</i>	Records not maintained	146,000	134,000
<i>British Columbia</i>	500 1 year	200,000	150,000
<i>Manitoba</i>	Not applicable	Not applicable	35,439
<i>Ontario</i>	This information is not separately maintained		
<i>Prince Edward Island</i>			3,500
<i>Saskatchewan</i>	Will be available in new system	Will be available in new system	28,393 (January – November 2000)
Croatia		70,000	15,000
Cyprus		90,000	27,500
Czech Republic	Not observed	Not observed	Not observed
Denmark	60	160,000	280,000
Estonia	No information		
Finland	50	75,000	495,000

France	-		
Germany	Unknown	Unknown	Unknown
Greece		500,000 approx	120,000 approx
Hungary	Very few	about 1.71 million	0.74 million
Iceland	No records maintained but estimated to be few	No records maintained but few	Not known
Ireland			Not available
Italy		Unknown	Unknown
Latvia	139,000	30,000	18,000
Liechtenstein	Data not available		
Lithuania	72,000 (including land, buildings and flats in 2000)	145,000 (including land, buildings and flats in 2000)	16,000
Luxembourg	± 500 lots (number of properties)	the rest 500 lots (number of properties)	This information is held by the Administration of the registry office.
FYRO Macedonia	3,000	11,000	1,000
Malta			Figures are not available as review data bases are locked pending data entry.
Republic of Moldova	Till 1995 1million landshare ownerships		
Netherlands	difference between state and private ownership is not distinguished	450,000	500,000
Norway	1%	99%	Approx 450,000
Poland	174,200 Data in question 9 comes from notary offices, however not every notary transaction is reflected in the land and mortgage register.	457,400 Data in question 9 comes from notary offices, however not every notary transaction is reflected in the land and mortgage register.	No data available.
Portugal	Data not available	Data not available	Data not available
Romania	No data available		
Russian Federation	41,475	385,024	760
San Marino	Data not available	Data not available	163
Slovakia			

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B9. If records are maintained of the following information please indicate the approximate number of properties transferred annually:

Country	From State Ownership to the Private Sector?	Within the Private Sector?	How Many Mortgages Were Registered
Slovenia	Not available	Not available	Not available
Spain		1,800,000	380,000
Sweden	1 %	99 %	400,000 (incl. cancellation of mortgages and other associated applications)
Switzerland	Data not available		
Turkey	2,215,821	272,353	
United Kingdom			
<i>England & Wales</i>	Not available separately	1.85 million in total (1996/97)	1,323,235 (1996/97)
<i>Scotland</i>	Not available separately	200,000	120,000

B10. If records are maintained please indicate the approximate percentage of arable land in:

Country	Private Ownership %	State Ownership %	Of all Arable in your Country what % is rented from the State ?
Albania	95	5	
Armenia	66.7	6.28	26.78
Austria	80	20	
Azerbaijan	3.6 (Allotments)	96.4	85.4
Belarus	0.8	99.2	No information
Bosnia and Herzegovina	29	3	-
Bulgaria	-	-	-
Canada			
<i>Alberta</i>	Records not maintained		
<i>British Columbia</i>	A separate 1.5 million hectares is in private ownership.	92% of province is Crown Land of which 4.7 million hectares is arable.	
<i>Manitoba</i>	Not available	Not available	Not available
<i>New Brunswick</i>	-	-	-
<i>Ontario</i>	This information is not maintained		
<i>Prince Edward Island</i>	95	5	1
<i>Saskatchewan</i>	-	-	-
Croatia	-	-	-
Cyprus	-	-	-
Czech Republic	Not observed	Not observed	Not observed
Denmark	90	10	5
Estonia	No information		
Finland	98.8	0.4	0

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B10. If records are maintained please indicate the approximate percentage of arable land in:

Country	Private Ownership %	State Ownership %	Of all Arable in your Country what % is rented from the State ?
France			
Germany	Unknown	Unknown	Unknown
Greece		-	-
Hungary	82.5	17.5	
Iceland	90	10	8
Ireland	Not available	Not available	Not available
Italy			
Latvia	86.9%	13 (state and municipalities)	90
Liechtenstein	Data not available		
Lithuania	75	25	20
Luxembourg	95	5	
FYRO Macedonia	20%	10%	4%
Malta			
Republic of Moldova	70	30	
Netherlands	(State and private ownership is not distinguishable)	Not available	2%
Norway	95	5	2
Poland			
Portugal	Not available	Not available	
Romania	No data available		
Russian Federation	58	42	
San Marino	70	30	

Slovakia	70	20	
Slovenia	90	10	
Spain	30		Not available
Sweden	95	2	
Switzerland	Data not available		Not available, but very little
Turkey	89	11	
United Kingdom			
<i>England & Wales</i>	Not available	Not available	
<i>Scotland</i>	Not available	Not available	

Land Title Registration

Section B

B11. How is the work of land/title registration financed in your country ?

Country	By Government Funding %	By Fees for Services %	By Other Means (please specify) %	Total 100%
Albania	(The first registration is entirely funded by the government and foreign donors).	In the future registration will be funded jointly by government funding and fees.		100
Armenia	5	25 (current activities 100%)	70 (First Title Registration - FTR donor assistance 90%)	100
Austria		100		100
Azerbaijan	100			
Belarus	99	1		
Bosnia & Herzegovina		100		100
Bulgaria				
Canada				
<i>Alberta</i>		100 (Fees recover registry costs)		100
<i>British Columbia</i>		100 (Fees generate far more revenue for Consolidated Revenue Fund than expenses)		
<i>Manitoba</i>		Fees for services(55%); for registrations(45%)		100 The Property Register is a special Operating Agency of Government. All financing is obtained through fees or other revenue generating services obtained by the Agency through service requests.
<i>New Brunswick</i>	-	-		
<i>Ontario</i>		100		100

Prince Edward Island	100	Registry fees account for approx. 1,700,000 deposited to General Account.		
Saskatchewan		Fees collected by ISC (100%)		100
Croatia	80	20		100
Cyprus	30	70		100
Czech Republic	100	Fees for services are returned to the State Budget.		100
Denmark		100		100
Estonia	100			
Finland	40	60		100
France				
Germany	Percentage unknown	Percentage unknown	No other means	
Greece		100		100
Hungary	69	31	No other means	100
Iceland	100			100
Ireland		100		100
Italy	100			100
Latvia	100			100
Liechtenstein		100		100
Lithuania	30 (First registration after restitution is entirely funded by state)	70 (or registration and data sale)		100
Luxembourg	50	50		100
FYRO Macedonia	100			100
Malta	100 (Government recoups part of the expenses through fees).			100
Republic of Moldova	40	10	50(grant sources)	100
Netherlands		100		100
Norway		100		100

Land Title Registration

Section B

B11. How is the work of land/title registration financed in your country ?

Country	By Government Funding %	By Fees for Services %	By Other Means (please specify) %	Total 100%
Poland	100	10		100
Portugal		100		
Romania		100		
Russian Federation	70	30		100
San Marino	100			100
Slovakia	100 Applicants have to pay registration fee, but there is no direct connection between these fees and budget of cadastral administration.			100
Slovenia	85	15		100
Spain			100 Public price for civil servant	100
Sweden		100		100
Switzerland	Not supplied			100
Turkey	85	15		100
United Kingdom				
<i>England & Wales</i>		100		100
<i>Scotland</i>		100		100

B12. What is the total cost annually of:

Country	Operating the Land and Title Registration System in Your Country	Investing in the Further Development of Land and Title Registration
Albania	No information available; system just started	
Armenia	For FTR nearly 3 million USD – for current activities 1 million	Approximately 5 million USD
Austria	37 million US\$ (estimated)	
Azerbaijan	308,163 thousand Manat	77,110 thousand Manat
Belarus	No information supplied	No information
Bosnia and Herzegovina	No information supplied	No information
Bulgaria		
Canada		
<i>Alberta</i>	\$10,000,000	\$500,000
<i>British Columbia</i>	\$14 million	–
<i>Manitoba</i>	Salaries and operating total – \$6,642,340	Provide full internet access and search of Land Titles Databases, including electronic registration of documents – \$6,900,000
<i>New Brunswick</i>	–	
<i>Ontario</i>	Approximately 27.5 million	No further information available
<i>Prince Edward Island</i>	Not supplied	
<i>Saskatchewan</i>	\$10 million (increase due to change in accounting procedures and move to a Crown Corporation.) \$8 million of total is salary and benefits	Unavailable

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B12. What is the total cost annually of:

Country	Operating the Land and Title Registration System in Your Country	Investing in the Further Development of Land and Title Registration
Croatia	No information supplied	
Cyprus	€CY 9,000,000	€CY 4,000,000
Czech Republic	800 million CZK	150 million CZK
Denmark	50 MIO DKR (8,5 mio US \$)	
Estonia	No information	
Finland	€ 27 million	€ 2 million
France		
Germany	Unknown	Unknown
Greece	No information supplied	
Hungary	10,144 million HUF NB: Overall land office activities incl. Institute of Geodesy, Cartography and Remote Sensing (FOM 1)	About 1.537 million HUF
Iceland	No information supplied	€70,000
Ireland	circa €14 million	
Italy		
Latvia	No information supplied	no information
Liechtenstein	No information supplied	

Lithuania	e 6 million	e 0.55 million
Luxembourg	for the Administration of Cadastre: 334.000.000 FLUX	50.000.000 FLUX
FYRO Macedonia	5 million USD	1 million USD
Malta	Lm220,000 (£Stg 382,800)	Lm15,000 (£Stg 22,750)
Republic of Moldova	USD 1,000,000 (in 1997)	USD 1,200,000 (in 1997)
Netherlands	350 mln. Hfl. (incl. Cadastre)	30 mln. Hfl.
Norway	Exact figure not available - approx 100 m Norwegian Krona	10m Norwegian Krona
Poland	unknown	unknown
Portugal	Data not available	Data not available
Romania	No data available	
Russian Federation	No information supplied	
San Marino		Data not available
Slovakia	SK 380 million.	SK 40 mil
Slovenia	Not available	Not available
Spain		
Sweden	SEK 200 million	SEK 15 million
Switzerland	Not supplied	
Turkey	(a + b) 759 009 922 000 - TL 8 625 000 USD	
United Kingdom		
<i>England & Wales</i>	£240 million	
<i>Scotland</i>	£42 million	Included in cost of operating land registration system

B13. Please list the main regulations or legislation under which land and title registration is administered in your country :

Country	Main Regulations or Legislation Under Which Land and Title Registration is Administered
Albania	<p>Immoveable Property Registration Act July 1994, Law No 7843 at 13.7.94 Decision of Council of Ministers at 3.5.95 for approval of certificates of Immoveable Property Registration Decision of Council of Ministers (No 432) at 14.8.95 for procedure of registration of Immoveable Properties in urban areas or villages</p>
Armenia	<ol style="list-style-type: none"> 1 Constitution of ROA 2 Civil Code 3 Law on State Registration of Rights and Real Property of ROA 4 Resolution of the Government on ‘The Regulation of Conducting the State Unified Cadastre of Real Property and Implementation of Real Property Monitoring’ 5 The Resolution of the Government of ROA on ‘The Approval of the Regulation of Real Property Cadastral Coding of ROA’ 6 Resolution of the Government of ROA on ‘The Approval of Scales and Shapes of Cadastral Maps and Cadastral Layouts’ 7 Resolution of the Government on ‘The Approval of the Regulation on First State Registration in the Areas where the Cadastral mapping is completed’ 8 Resolution of the Government on ‘The Approval of the Regulation on the Provision of Information of State Unified Cadastre of Real Property’ 9 The Order of the State Unified Cadastre of Real Property of ROA on ‘The Regulation on Real Property Inventory, Cadastral Valuation, State Registration’. 10 The Order of the State Committee of the Real Property Cadastre of ROA on ‘The Approval of the List of Fees on State Registration and Provision of Information’
Austria	Federal laws for land registration.
Azerbaijan	Land Codex of the Republic of Azerbaijan Laws: “Regarding the Farm Enterprises”, “The Land Reform”, “Regarding Leasing” and a number of Governmental decrees and legislations.
Belarus	<p>The Land Code of the Republic of Belarus The Land Ownership Law of the Republic of Belarus Government Decree: “The Procedure for the Introduction and Maintenance of the Land Cadastre and Monitoring of Land” Decree of the Supreme Soviet: “The Procedure for the Confiscation and Granting of Parcels of Land” Decree of the Supreme Soviet: “The Conduct of the Land Reform in the Republic”.</p>
Bosnia and Herzegovina	Zakon o Zemljisnim knjigama, Zakono Premjern / Katastru Nekretnina, Zakon o Premjeru / Katastru Zemljista (Land Register Law, Surveying and Real Estate Law, Surveying and Cadastre Law).

Bulgaria	
Canada	
<i>Alberta</i>	Land Titles Act, Law on Property Act (Statutes of Alberta).
<i>British Columbia</i>	Land Title Act, Land Act.
<i>Manitoba</i>	The Real Property Act, The Registry Act.
<i>New Brunswick</i>	Registry Act, Land Titles Act
<i>Ontario</i>	Land Titles Act and Regulations thereunder. Registry Act and Regulations thereunder, Land Registration Reform Act and Regulations thereunder Condominium Act and Regulations thereunder.
<i>Prince Edward Island</i>	Registry Act of PEI.
<i>Saskatchewan</i>	The Land Titles Act 2000 and Regulations.
Croatia	<ol style="list-style-type: none"> 1. Zakon o geodetskoj izmjeri i katastru zemljišta (The Law of Geodesy and Cadastre) 2. Zakon o zemljišnim knjigama (The Law of the Land Registers) 3. Zakon o vlasnistvu i drugim stvarnim pravima (The Law of Ownership)
Cyprus	<ol style="list-style-type: none"> 1. The Immovable Property (Tenure, Registration and Valuation) Law, Cap.224. 2. The Immovable Property (Transfer and Mortgage Law), 1965. 3. Wills and Succusion Law Cap. 195. 4. Civil Procedure Law, Cap. 6.
Czech Republic	<p>Civil Code 40/1994 in amended wording. Act 265/1992 about recording of Proprietary and other rights in amended wording. Cadastral Act 344/1992 in amended wording. Act 359/1992 about surveying, mapping and cadastral bodies in amended wording. Regulations 190/1996 of the Czech Office for Surveying, Mapping and Cadastre.</p>
Denmark	The Law of Land Registration (Tinglysningsloven)
Finland	<p>The Law on Register of Titles and Mortgages The Ordinance on Register of Titles and Mortgages</p>
Estonia	Land Register Act, Law and Property Act
France	

B13. Please list the main regulations or legislation under which land and title registration is administered in your country :

Country	Main Regulations or Legislation Under Which Land and Title Registration is Administered
Germany	Civil Code Land Registration Act, Land Registration Regulation (Grundbuchordnung)
Greece	L D 5.9.1923 For the codification of the modified legislation for the cadastral system in urban real estate RD 30.4.1953 For the codification of existent legislation for the compulsory reallocation L 653/1977 L 133/1983 Extension of the Urban Planning maps, Urban development and relevant legislation L 674/1977 For the Land Reallocation L 1512/1983 L 1647/1986 HEMCO and other legislation RD 10.1.1949 For the introduction of administrative management and protection of the public land legislation to the Dodecanese L 998/1979 For the forest and forest land protection L 2308/1995 For the National Cadastre MDGG 245B/1996 Definition of rights on the real estate for which a submission of statement is required for the registration in the cadastral books MDGG 639B/1995 Ratification of the technical specification, the content of the cadastral maps and tables and the list of fees for the National Cadastre
Hungary	<ul style="list-style-type: none"> • Act No. LXIII of 1992 on the Protection of Personal Data and the Disclosure of Public Information • Act No. LXXVI of 1996 on Surveying and Mapping Activities <p>This Act was passed by Parliament in late October 1996. Basic aim of the act is to ensure that series of maps be available covering the total area of the country, that are suitable as bases of real property registration, geographic information systems, defence, as well as of various economic, scientific and social subjects. The legal measure also sets the rules to what degree users of maps are to cover the costs of maps. The act is supported by two Ministerial-level executive orders such as 16/1997 (III.5) FVM (FVM-Ministry of Agriculture and Regional Development) and 21/1997 (III.12) FVM-HM (HM -Ministry of Defence), and the order 63/1999(VII.21.) of FVM-HM-PM(PM-Ministry of Finance).</p> <ul style="list-style-type: none"> • Act No. CXLI/1997 on Land Registration and the related executive order 109/1999(XII.29.) of FVM. • Government Decree No.184/1999(XII.13)Korm. on the detailed regulations of the registration of land use (by setting up and maintaining the Registry on Land Users at the Land Offices)
Iceland	The Law of Registration and Valuation of Real Properties nr. 94/1976. The Law of Registration of deeds, mortgages, transfer of ownership etc nr. 39/1978.

Ireland	Registration of Title Act 1964, Land Registration Rules 1972-1986, Registry of Deeds Act 1707-1832 as amended
Italy	The law R.D. nr. 2183/1938 Guideline nr. XIV approved by the ordinance of Ministry of finance 1949.
Latvia	1. The Law of Landbooks of the Republic of Latvia. 2. The Law “On the Renewal of the Validity of the Law of Landbooks of December 22, 1937 and it’s Enforcement”.
Liechtenstein	Civil Code
Lithuania	Law on Real Property Register, No I-1539; 1997, Law on Land and subsequent amendments No I-1446; 1994, Civil Code 2000, Law on Land Lease, No VIII-679; 1994, Law on Real Property Cadastre, No VIII-1764,2000.
Luxembourg	1. The law concerning the Administration of Cadastre and Topography 21.06.1973 2. The laws concerning the Administration of Registry Offices
FYRO Macedonia	Law for Land Surveying, Cadastre and Real Estate Rights Inscription.
Malta	Land Registration Act (Cap 296) Legal Notices -16/82 - Rules* 43/94 - Submission of plans * All rules being redrafted
Republic of Moldova	Civic Code 1964, Land Code 1991, Law on Land Cadastre, Draft Law on Real Estate Cadastre, Regulation on Cadastral Documentation.
Netherlands	Civil Code Cadastre Act Cadastre Organisation Act Land Reform Act.
Norway	Law on the Land Register Law on the Cadastre
Poland	Act of July 6, 1982 on land and mortgage registers and hypothec (Official Journal on 1982, No.19, pos.147; changes. Official Journal on 1991, No.22, pos.92; No.115, pos.496; on 1994, No.85, pos.388). Order of the Minister of Justice of March 18, 1992 in the matter of execution of regulations concerning Act on land and mortgage registers and hypothec (Official Journal on 1992, No.29, pos.128; changes. Official Journal on 1994, No.136, pos.711).
Portugal	Civil Code and DL No-172/95 (18/7), DL 533/99 (11/12), DL 442-C/82 (30/11)
Romania	The Law 7 of 1966 on General Cadastre and Public Registers Executive Order no 237/1/C/1997 – Regulations for organisation and functioning of Land Book Offices.
Russian Federation	Not Supplied

B13. Please list the main regulations or legislation under which land and title registration is administered in your country :

Country	Main Regulations or Legislation Under Which Land and Title Registration is Administered
San Marino	The relevant laws are the following: Law n.83/1981, n.84/1981, n.85/1981, n.86/1981, n.87/1981 and n.88/1981. The above-mentioned laws were all passed on 29th October, 1981. With regard to the norms regulating the activities of the Land Registry Office, see also Law n.28 of 25th September, 1950, Law n.10 of 16th July, 1951, Law n.30 of 27th November, 1952, and Law n.31 of 24th February, 1953.
Slovakia	Act No. 162/1995 Coll. about the real estate cadastre and entries of ownership and other rights to the real estates + Subsequent Decree No. 79/96 Coll; Act No. 215/1995 Coll. on geodesy and cartography + subsequent Decree No. 178/96 Coll. Act No. 180/1995 Coll. about some arrangements for the Settlement of Land Ownership + Subsequent Decree No. 157/96 Coll.
Slovenia	Law on Land Register (Official Gazette of the Republic of Slovenia No 33/95), Court Rules (internal document)
Spain	Código Civil Ley Hipotecaria Reglamento Hipotecario
Sweden	Jordabalken (Land Code) Lag om fastighetsregister Real Property Register Act. Förordning om fastighetsregister Real Property Register Ordinance Inskrivningsförförordning Land Registration Ordinance
Switzerland	Civil Code / Registration Acts (on federal and cantonal level)
Turkey	The legal base for Land Registration is the article 2997 and 2015 of October 4 1926 dated Turkish Civil Code (The Swiss Civil Code was the primary source for the Civil Code of the Republic of Turkey).
United Kingdom	Land Registration Acts 1925-1998
<i>England & Wales</i>	Land Register:-Land Registration (Scotland) Act 1979 Land Registration (Scotland) Rules 1980
<i>Scotland</i>	General Register of Sasines:-The Registration Act 1617 Land Registration (Scotland) Act 1979

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C1. Do you have a geodetic network to support land title registration in your country ?

Country	Yes	No
Albania	✓	
Armenia	✓	
Austria	✓	
Azerbaijan	✓	
Belarus	It requires further amalgamation	
Bosnia & Herzegovina	✓	
Bulgaria	✓	
Canada		
<i>Alberta</i>	✓	
<i>British Columbia</i>	✓	
<i>Manitoba</i>	✓	
<i>New Brunswick</i>	✓	
<i>Ontario</i>	There is a general geodetic network but there is no requirement to have a geodetic reference for document registration	
<i>Prince Edward Island</i>	✓	
<i>Saskatchewan</i>	✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C1. Do you have a geodetic network to support land title registration in your country ?

Country	Yes	No
Croatia	✓	
Cyprus	✓	
Czech Republic	✓	
Denmark	✓	
Estonia	✓	
Finland	✓	
France	✓	
Germany	✓	
Greece	✓	
*All answers in this section refer to the new cadastral system		
Hungary	✓	
Iceland		A new Geodetic network is being established
Ireland		
Italy	✓	
Latvia	✓	
Liechtenstein	✓	

Lithuania	✓	
Luxembourg	✓	
FYRO Macedonia	✓	
Malta	✓	
Republic of Moldova	✓	
Netherlands	✓	
Norway	✓	
Poland	✓	
Portugal	✓	
Romania	✓	
Russian Federation	✓	
San Marino	✓	
Slovakia	✓	
Slovenia	✓	
Spain	✓	
Sweden	✓	
Switzerland	✓	
Turkey	✓	
United Kingdom		
<i>England & Wales</i>	✓	
<i>Scotland</i>	✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C2. Does the title registration system require a map ?

Country	Yes	No
Albania	✓	
Armenia	✓	
Austria	✓	
Azerbaijan	✓ Yes, but only for recent registrations	
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria	✓	
Canada		
<i>Alberta</i>	✓ (requires registration of plan of survey or descriptive plan)	
<i>British Columbia</i>	✓ (requires a survey plan)	
<i>Manitoba</i>	✓	A metes and bounds description is applicable in some circumstances
<i>New Brunswick</i>		✓
<i>Ontario</i>		✓ There is a provision under the Land Registration Act for maps when properties are being automated. Blocks of properties are laid out on maps for parcel identification. Properties are defined by metes and bounds descriptions or by a survey known as a reference plan. A survey is required when a new property is being created.
<i>Prince Edward Island</i>		✓
<i>Saskatchewan</i>	✓ requires a plan of survey or descriptive plan	✓ Metes and bounds will no longer be allowed.

Croatia	✓	
Cyprus	✓	
Czech Republic	✓	
Denmark		✓ but registration of title for a new real property requires a cadastral procedure and an updated map to be presented to the Land Registry.
Estonia	✓	
Finland		✓ Registration is based on units found in the Real Estate Register (Cadastre.)
France	✓	
Germany	✓	
Greece*	✓	
Hungary	✓	
Iceland		✓
Ireland		
Italy	✓	
Latvia	✓	
Liechtenstein	✓	
Lithuania	✓	
Luxembourg	✓	
FYRO Macedonia	✓	
Malta	✓	
Republic of Moldova	✓	
Netherlands		✓ Cadastral Map is being updated after the transfer

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C2. Does the title registration system require a map ?

Country	Yes	No
Norway		✓ New titles <u>may</u> be registered without an updated map. This is however normally in existence.
Poland	✓	
Portugal	✓ When Cadastre exists	✓
Romania	✓	
Russian Federation	✓	
San Marino	✓	
Slovakia	✓	
Slovenia		✓
Spain		✓
Sweden		✓ The description of a parcel in the land register is based on the property register which contains a map of each real property.
Switzerland	✓	
Turkey	✓	
United Kingdom		
<i>England & Wales</i>	✓	
<i>Scotland</i>	✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C3. Does the land administration system use:

Country	A Topographical Map	Other Plans or Maps Indicating, for Instance, Ownership Limits	A Combination of Both	A Special Cadastral Map
Albania				✓
Armenia				✓
Austria				✓
Azerbaijan	✓	✓		
Belarus				
Bosnia & Herzegovina				✓
Bulgaria	✓	✓		
Canada				
<i>Alberta</i>		✓ (Plan or Survey or Descriptive Plan)		✓ Integrated Provincial and Urban Cadastral Map
<i>British Columbia</i>			✓	✓
<i>Manitoba</i>				
<i>New Brunswick</i>				✓
<i>Ontario</i>	See Question C.2.			
<i>Prince Edward Island</i>		✓		
<i>Saskatchewan</i>	For physical features only	Plans of survey or descriptive plans	✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C3. Does the land administration system use:

Country	A Topographical Map	Other Plans or Maps Indicating, for Instance, Ownership Limits	A Combination of Both	A Special Cadastral Map
Croatia				✓
Cyprus				✓
Czech Republic				✓
Denmark				✓
Estonia	✓	✓	✓	✓
Finland				✓
France				✓
Germany				✓
Greece				✓
Hungary				✓
Iceland			✓	
Ireland				
Italy				✓
Latvia			✓	✓
Liechtenstein				✓

Lithuania				✓
Luxembourg	✓		✓	✓
FYRO Macedonia				✓
Malta	✓			
Republic of Moldova	✓		✓	✓
Netherlands				✓
Norway			✓	✓ mostly connected to topographic and land use map system
Poland				✓
Portugal				✓
Romania			✓	
Russian Federation	✓		✓	✓
San Marino				✓
Slovakia				✓
Slovenia				✓
Spain				✓
Sweden				✓ mostly connected to topographic and land use map system
Switzerland				✓
Turkey			✓	
United Kingdom				
<i>England & Wales</i>	✓			
<i>Scotland</i>	✓			

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C4. What percentage of the land mass in your Country has been mapped ?

Country	Less than 25%	Between 25% and 50%	Between 50% and 75%	Between 75% and 100%	100%
Albania				✓ ongoing project to update the map	
Armenia		✓			
Austria					✓
Azerbaijan					✓ (8,641,506 hectares)
Belarus					✓
Bosnia & Herzegovina			✓		✓
Bulgaria					✓
Canada					
<i>Alberta</i>			✓ For titling purposes		✓ For other purposes
<i>British Columbia</i>					✓
<i>Manitoba</i>					✓
<i>New Brunswick</i>					✓
<i>Ontario</i>					✓ Mapped to 1:50000 Majority 1:10000 and 1:20000. Topographical maps
<i>Prince Edward Island</i>					✓

			✓ For titling purposes		✓ For other purposes
Saskatchewan					
Croatia					✓
Cyprus					✓
Czech Republic					✓
Denmark					✓
Estonia		✓			
Finland					✓
France					✓
Germany					✓
Greece	✓ This answer relates to the new cadastral map				
Hungary					✓
Iceland					✓
Ireland					
Italy					✓
Latvia					✓
Liechtenstein			✓		
Lithuania					✓
Luxembourg					✓
FYRO Macedonia					✓
Malta					✓
Republic of Moldova				✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C4. What percentage of the land mass in your Country has been mapped ?

Country	Less than 25%	Between 25% and 50%	Between 50% and 75%	Between 75% and 100%	100%
Netherlands					✓
Norway					✓ (However all areas over the tree limit only in scale 1:50.000, showing no boundaries)
Poland					✓
Portugal			✓ with cadastral maps		✓ with topographic maps
Romania				✓	
Russian Federation					✓ In 1:25000 scale
San Marino					✓
Slovakia					✓
Slovenia					✓
Spain					✓
Sweden					✓
Switzerland				✓	
Turkey			✓		
United Kingdom <i>England & Wales</i>					✓
<i>Scotland</i>					✓

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C5. What scale is used ?

Country	1:1000	1:2000	1:5000	1:10,000	1:50,000	1:100,000	Other (please specify)
Albania	✓ (urban area)		✓ rural area cadastral map				1:2500 Rural Area Index map 1:25000 Forest area
Armenia	✓	✓	✓				
Austria	✓	✓	✓				
Azerbaijan		✓		✓	✓	✓	1:25000 (Mountain regions)
Belarus							
Bosnia & Herzegovina	✓		✓				1:500, 1:2500
Bulgaria	✓	✓	✓	✓			1:500
Canada <i>Alberta</i>							Cadastré Information is entered into a database. using co-ordinate geometry. Information can be accessed independent of scale or projection
<i>British Columbia</i>							Cadastré is entered into a spatial data base using co-ordinate geometry – this can be accessed independently of scale. For convenience, hard copy is produced at 1:20000 scale. About 7000 map tiles cover the Province.
<i>Manitoba</i>							All of these scales for plan registration

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C5. What scale is used ?

Country	1:1000	1:2000	1:5000	1:10,000	1:50,000	1:100,000	Other (please specify)
<i>New Brunswick</i> <i>Ontario</i>	✓						✓ Mapped to 1:50000 Majority 1:10000 and 1:20000. Topographical maps
<i>Prince Edward Island</i>							Old Orthophotos 1:5000 New digital mapping – scale varies.
<i>Saskatchewan</i>							Topographical 1:50,000 and 1:250,000 Cadastral 1:1,000 to 1:10,000
Croatia	✓ (9%)	✓ (11%)	✓				
Cyprus	✓	✓	✓				1:500, 1:1250, 1:2500
Czech Republic	✓	✓	✓				1:1250, 1:1440, 1:2500, 1:2880 on older maps
Denmark	✓ (urban areas)	✓ (urban areas)			✓		1:4000 for cadastral maps in rural areas
Estonia		✓ (urban areas)					
Finland	✓ (detailed planned areas 2%)	✓ (detailed planned areas 2%)	✓ the South of Finland 48%	✓ the rest of the territory 48%			
France	✓	✓	✓				1:1500
Germany	✓	✓					1:500 (urban areas)
Greece	✓ urban areas		✓ rural areas	✓ forests			

Hungary	✓ (in inner parts of settlements using Unified Protection System)	✓ (in rural areas used by the new National cadastral Programme, otherwise 1:4000, both using the Unified Projection system)		✓ Topography			About 53% of the country is mapped using the earlier cylindric and stereo projection systems at scales 1:1440, 1:2880 and rarely, 1:5000
Iceland	✓ urban areas, towns and villages	✓ urban areas, towns and villages			✓ Topography	✓ Topography	
Ireland				✓			
Italy	✓	✓					✓ 1:500, 1:4000
Latvia	✓ for urban areas	✓ for urban areas	✓ for urban and rural areas	✓	✓	✓	✓ 1:500, 1:250,000
Liechtenstein		✓	✓				✓ 1:500
Lithuania	✓ for urban areas	✓ for urban areas	✓ for rural areas	✓ for rural areas			
Luxembourg	✓		✓	✓ Topography	✓ Topography	✓ Topography	1:2500 (most)
FYRO Macedonia	✓		✓				1:2500 (most)
Malta	20%						1:2500 100%
Republic of Moldova		✓ intravillan	✓	✓			
Netherlands	✓ cadastral purposes & large scale base mapping	✓ cadastral purposes & large scale base mapping			✓ other purposes (military, roadmaps etc) done by separate agency	✓ other purposes (military, roadmaps etc) done by separate agency	
Norway	✓	✓	✓	✓	✓ (general topographic maps)		
Poland	✓	✓	✓				
Portugal	✓	✓	✓	✓	✓		
Romania	✓	✓	✓	✓	✓	✓	1:500, 1:25,000, 1:200,000, 1:500,000
Russian Federation	✓	✓	✓	✓	✓		1:200–1:1000 land parcel plans 1:500–1:100000 rural settlement cadaster maps 1:2000–1:5000 city suburbs, dachas, family farms cadaster maps

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C5. What scale is used ?

Country	1:1000	1:2000	1:5000	1:10,000	1:50,000	1:100,000	Other (please specify)
Russian Federation (cont.)							1:5000–1:25000 farm land cadaster maps 1:25000–1:50000 forest cadaster maps 1:50000–1:100000 deserts and tundra
San Marino	✓						
Slovakia	✓	✓	✓				✓ 1:2880 and derived scales
Slovenia	✓	✓	✓				✓ 1:2880, 1:1440, 1:5760, 1:500, 1:2500
Spain	✓	✓	✓				✓ 1:500 in big cities
Sweden	✓	✓	✓		✓		✓ down to 1:400 or 1:500 in some major cities. The most remote areas are done in the scale 1:20000.
Switzerland	✓	✓	✓	✓			✓ 1:500 Scale depends on 1) density of elements 2) land value
Turkey	✓	✓	✓				✓ 1:500
United Kingdom <i>England & Wales</i>					✓		1:1250 Urban 1: 2500 Rural 1: 10000 Mountain & Moorland
<i>Scotland</i>					✓		✓ 1:1250, 1:2500 1:10,000

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C6. Is this map held in digital format:

Country	Not at All	Partly (please specify what percentage)	Completely
Albania		✓ 30% of base maps	
Armenia		✓	
Austria		✓ 95%	
Azerbaijan			✓
Belarus			
Bosnia & Herzegovina	✓		
Bulgaria		✓	
Canada			
<i>Alberta</i>			✓
<i>British Columbia</i>			✓
<i>Manitoba</i>		✓ 60,000 plans are being converted to images. Estimated completion April 2002.	
<i>New Brunswick</i>			✓
<i>Ontario</i>	✓		
<i>Prince Edward Island</i>			✓
<i>Saskatchewan</i>		✓ All topographical is digital, all cadastral plans are handcopy but are compiled onto digital maps.	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C6. Is this map held in digital format:

Country	Not at All	Partly (please specify what percentage)	Completely
Croatia		✓ (2%)	
Cyprus		✓ (10% We have started digitizing our cadastral plans. Full digital format will be available in ten years).	
Czech Republic		✓ (3% digital maps, 27% of point coordinates stored in digital format)	
Denmark			✓
Estonia		✓ 80%	
Finland		✓ 99.5%	
France		✓ 10%	
Germany		✓ 60–70% (vector-format)	
Greece			✓
Hungary		✓ 100% in the Capital, less than 12% in the countryside. 60% of the remaining 88% are available in numerical form, which has to be transformed into standardised DAT format.	
Iceland		✓ 20%	
Ireland			
Italy		✓ 33%	
Latvia			✓

Liechtenstein		✓	
Lithuania		✓ 30%	
Luxembourg		✓ 10%	
FYRO Macedonia		✓ 20%	
Malta			✓
Republic of Moldova	✓		
Netherlands			✓ Cadastral map ✓ Topographical Map(s)
Norway		✓ 50% (to be completed by 2004)	
Poland		✓ 2%	
Portugal		✓ 25% in raster format 12% in vector format	
Romania		✓ Less than 5%	
Russian Federation			✓
San Marino			✓
Slovakia		✓ 5%	
Slovenia		✓ 76%	
Spain		✓ 50% Urban zones 30% Rural zones	
Sweden		✓ 85%	
Switzerland		✓ 25%	
Turkey			✓
United Kingdom <i>England & Wales</i>			✓
<i>Scotland</i>			✓

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C7. Do you have a system for recording data on boundaries of ownership and parcels of land ?

Country	No	Yes, Integrated with the Register of Ownership	Yes, as a Separate System Linked to the Register of Ownership	Yes, as a Separate System Not Linked to the Register of Ownership	Other (please specify)
Albania		✓			
Armenia		✓			
Austria			✓		
Azerbaijan		✓			
Belarus					
Bosnia & Herzegovina		✓			
Bulgaria			✓		
Canada					
<i>Alberta</i>		✓		✓ (for Crown land)	
<i>British Columbia</i>		✓		✓ (for Crown land)	
<i>Manitoba</i>		✓		✓ (for Crown land)	
<i>New Brunswick</i>		✓			
<i>Ontario</i>		✓			
<i>Prince Edward Island</i>		✓			
<i>Saskatchewan</i>			✓		
Croatia				✓	

Cyprus		✓			
Czech Republic		✓			
Denmark				✓	
Estonia				✓	
Finland				✓	
France		✓			
Germany				✓	
Greece		✓			
Hungary					✓ A separate system linked to the register of ownership where digital cadastral maps are already available or numeric field measurements were taken, otherwise this data is available in graphical form
Iceland					✓ In rural areas written description of boundaries exists in the Register of deeds. In towns, local authorities have maps in the scales 1:500 - 1:5000 showing boundaries.
Ireland					
Italy				✓	
Latvia				✓	
Liechtenstein				✓	
Lithuania		✓			
Luxembourg				✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C7. Do you have a system for recording data on boundaries of ownership and parcels of land ?

Country	No	Yes, Integrated with the Register of Ownership	Yes, as a Separate System Linked to the Register of Ownership	Yes, as a Separate System Not Linked to the Register of Ownership	Other (please specify)
FYRO Macedonia		✓			
Malta	✓				
Republic of Moldova		✓			
Netherlands				✓	
Norway				✓	
Poland				✓	
Portugal				✓	
Romania		✓			
Russian Federation		✓ before 1998	✓ after 1998		
San Marino		✓			
Slovakia		✓			
Slovenia					Connection between Cadastre and Land Register is establishing (Real Estate Registration Modernisation Project).
Spain				✓ but coordinated with it	

Sweden

✓

Switzerland

✓

Turkey

United Kingdom

England & Wales

✓

Scotland

✓ (Land Register)

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C8. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional or Local Level	Other (please specify)
Albania	✓			
Armenia	✓			
Austria	✓ Storage & administration		✓ Maintenance	
Azerbaijan	✓		✓	
Belarus				
Bosnia & Herzegovina			✓	
Bulgaria	✓		✓	
Canada				
<i>Alberta</i>		✓		
<i>British Columbia</i>		✓		
<i>Manitoba</i>		Examiner of Surveys Office examines plans and maintains information concerning parcel boundaries		
<i>New Brunswick</i>		✓		
<i>Ontario</i>		✓	✓	
<i>Prince Edward Island</i>		✓		

<i>Saskatchewan</i>		✓ Controller of surveys approves all plans in the province, once approved they can be used to change ownership records		
Croatia	✓			
Cyprus	✓			
Czech Republic	✓ (maintenance, supervision, central data base of digital data)		✓ (Cadastral offices in districts)	
Denmark	✓			
Estonia	✓			
Finland	✓ Central DB, supervision		✓ maintenance	
France	✓			
Germany			Cadastral authorities at regional level	
Greece	✓			
Hungary	✓ Supervised and controlled by Ministry of Agriculture and Regional Development		✓ by the district and county land Offices	
Iceland	✓ Register of deeds		✓ Maps in scale 1:500 - 1:5000	
Ireland		✓		
Italy	✓			
Latvia			✓	
Liechtenstein	✓			
Lithuania	✓			

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C8. Is this system administered and maintained:

Country	At a National Level	At State or Province Level	At Regional or Local Level	Other (please specify)
Luxembourg	✓			
FYRO Macedonia	✓ Supervision and Storage		✓ Maintenance	
Malta				Offices in the provinces
Republic of Moldova	✓ (proposal)		✓ (proposal)	
Netherlands	✓			Offices in the provinces
Norway			✓	
Poland			✓	
Portugal	✓		✓	
Romania			✓	
Russian Federation	✓ Administered	✓ Administered	✓ Maintained	
San Marino	✓			
Slovakia		✓	✓	
Slovenia	✓ Supervised and controlled by surveying and mapping authorities of the Republic of Slovenia		✓ Maintained entirely for attribute data, partly already for graphic data	
Spain	✓			

Sweden	✓		✓	Registration is made at county, and in some cases, municipal, cadastral authorities. The register is kept in a central, national database (part of the Land Data Bank system, for which the National Land Survey is responsible).
Switzerland		✓	✓	
Turkey	✓			
United Kingdom				
<i>England & Wales</i>	✓			
<i>Scotland</i>	✓			

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C9. What is the estimated total number of land parcels in your country ?

Country	Estimated Number of Land Parcels
Albania	3.2 million
Armenia	The estimated total number of land parcels is 1,200,000 but the experience shows that the number will be increased by 15-20% due to the first title registration process
Austria	12 million
Azerbaijan	At present - about 9,000. This number increased every year.
Belarus	
Bosnia & Herzegovina	8,700,000
Bulgaria	About 6 million
Canada	
<i>Alberta</i>	1.9 million fee simple titles (plus unpatented land – approximately 55% of province is unpatented)
<i>British Columbia</i>	1.5 million private – fee simple – parcels 30,000 parcels over Crown Land (leased)
<i>Manitoba</i>	678,000 private
<i>New Brunswick</i>	510,000
<i>Ontario</i>	Approximately 4 million plus unpatented land. Approximately 85% of land mass unpatented mostly in Northern Ontario. No record kept of number of unpatented parcels in land registration system
<i>Prince Edward Island</i>	85,000
<i>Saskatchewan</i>	2.5 million

Croatia	18 million
Cyprus	2,200,000
Czech Republic	23 million
Denmark	2,2 million – The number of Real Properties is approximately 1.9 million. A Real Property may consist of more than one land parcel
Estonia	40.9% of total area
Finland	The number of real estates is 2.6 million. The number of parcels is approximately 4.3 million
France	100 million
Germany	61.3 million
Greece	15 million
Hungary	1994 - Land Parcels 7,472,379, Independent real properties i.e flats 1,077,449 (countryside) about 1 million in the capital
Iceland	74,000
Ireland	
Italy	78,000,000
Latvia	578,000
Liechtenstein	35,000
Lithuania	2.5 million
Luxembourg	730,000
FYRO Macedonia	4.1 million
Malta	
Republic of Moldova	1 million – intravillan, 4 million extravillan
Netherlands	7 million

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C9. What is the estimated total number of land parcels in your country ?

Country	Estimated Number of Land Parcels
Norway	2.4 million real properties, however one property may consist of several separately located plots under the same parcel number. Number of plots in total: approximately 4 million
Poland	29,000,000
Portugal	About 17,000,000 parcels, including each autonomous fraction
Romania	About 40,000,000 parcels
Russian Federation	46.4 million
San Marino	25,610
Slovakia	5,000,000 physically existing in the nature + 12,000,000 original Legal Land Parcels
Slovenia	5,100,000
Spain	43,000,000 rural parcels 11,000,000 urban parcels
Sweden	3.2 million properties, consisting of 3.8 million parcels. A real property unit in rural areas often consists of more than one parcel(which are often separately located)
Switzerland	4 million
Turkey	50,000,000
United Kingdom	
<i>England & Wales</i>	17 million
<i>Scotland</i>	Not available

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C10. What is the estimated number of parcels already registered and recorded ?

Country	Estimated Number of Land Parcels Registered and Recorded
Albania	1,700,000 (up to December 1996)
Armenia	Nearly 1,200,000 units of agricultural parcels had been registered after the land privatisation in 1991 and all owners had been issued with land deeds
Austria	100 %
Azerbaijan	4,250 (main land users)
Belarus	
Bosnia & Herzegovina	8,700,000
Bulgaria	
Canada	
<i>Alberta</i>	100 %
<i>British Columbia</i>	1.5 million fee simple parcels, 30,000 parcels over Crown Land (leased)
<i>Manitoba</i>	
<i>New Brunswick</i>	
<i>Ontario</i>	Approximately 4 million
<i>Prince Edward Island</i>	85,000
<i>Saskatchewan</i>	The information will be available in the new system but not available yet
Croatia	App. 15 mil

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C10. What is the estimated number of parcels already registered and recorded ?

Country	Estimated Number of Land Parcels Registered and Recorded
Cyprus	2,090,000
Czech Republic	80% of 23 million is recorded in computerised format, in 1998 it will be 100%
Denmark	All parcels
Estonia	319,229 parcels (59.1% of total area 4369857.7ha)
Finland	All parcels
France	100 million
Germany	61.3 million (all parcels)
Greece	The register was started in 1996
Hungary	100%
Iceland	74.000
Ireland	
Italy	78,000,000
Latvia	99% – From total number of land parcels are registered in cadastre registers. In Landbooks % registered 46%
Liechtenstein	All parcels
Lithuania	0.95 million
Luxembourg	Not available

FYRO Macedonia	4.0 million
Malta	
Republic of Moldova	–
Netherlands	7 million
Norway	100% of real properties are registered in the alphanumeric part of the Cadastre. Approximately 90% of the parcels are mapped, and with various precision
Poland	29.000.000
Portugal	2,016,000 parcels
Romania	About 15,000,000 parcels registered
Russian Federation	28.2 million
San Marino	25,610
Slovakia	100%
Slovenia	5,100,000
Spain	43,000,000 rural parcels 11,000,000 urban parcels
Sweden	3.2 million properties (real property units, not parcels, being the registration unit)
Switzerland	3.5 million
Turkey	30,923,672
United Kingdom	
<i>England & Wales</i>	16.5 million
<i>Scotland</i>	392,000 (Land Register)

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C11. Does the governing legislation require that corner points are surveyed to determined new registered boundaries on new developments

Country	Yes	No
Albania		✓ Some parcel corners will be surveyed by total stations and GPS
Armenia	✓	
Austria	✓	
Azerbaijan	✓	
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria	✓	
Canada		
<i>Alberta</i>	✓	(Descriptive Plans can be filed in some circumstances)
<i>British Columbia</i>	✓	
<i>Manitoba</i>	✓ (in some circumstances this can be waived)	
<i>New Brunswick</i>		✓
<i>Ontario</i>	✓	
<i>Prince Edward Island</i>		✓
<i>Saskatchewan</i>	✓	Some exceptions are allowed but a description must be filed
Croatia	✓	

Cyprus	✓	
Czech Republic	✓	
Denmark	✓	
Finland	✓	
Estonia	✓	
France	✓	
Germany	✓	
Greece	✓	
Hungary	Numeric surveying is mandatory in rural areas but also in inner part of settlements where digital cadastral maps are already available	
Iceland		✓
Ireland		
Italy	✓	
Latvia	✓	
Liechtenstein	✓	
Lithuania	✓	
Luxembourg	✓	
FYRO Macedonia	✓	
Malta		✓ (only approximate pom. \pm 2.5 m approx for new development)
Republic of Moldova	✓	
Netherlands	✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C11. Does the governing legislation require that corner points are surveyed to determined new registered boundaries on new developments

Country	Yes	No
Norway	✓But with some exceptions. Isolated plots in rural and remote areas may be approximately located on maps only, without field surveying	
Poland	✓	
Portugal		✓
Romania	✓	
Russian Federation	✓	
San Marino	✓	
Slovakia	✓	✓
Slovenia		✓
Spain		✓ But cartograph is based on survey works
Sweden	✓	
Switzerland	✓	
Turkey	✓	
United Kingdom		
<i>England & Wales</i>		✓
<i>Scotland</i>		✓

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C12. Are the registered parcel boundaries defined:

Country	Precisely (by measurement from a framework of co-ordinates or geodetic reference)	In General Terms on a Topographical Map
Albania		✓
Armenia	✓	
Austria	✓	
Azerbaijan	very rare	in the main
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria	✓	
Canada		
<i>Alberta</i>	✓	
<i>British Columbia</i>	✓	
<i>Manitoba</i>	✓	
<i>New Brunswick</i>	✓ Most new plans created are based on a co-ordinated plan of survey	
<i>Ontario</i>	✓	
<i>Prince Edward Island</i>	✓ *(combination of both)	✓ *
<i>Saskatchewan</i>	✓	
Croatia	✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C12. Are the registered parcel boundaries defined:

Country	Precisely (by measurement from a framework of co-ordinates or geodetic reference)	In General Terms on a Topographical Map
Cyprus	✓	✓
Czech Republic	✓	
Denmark	✓	
Estonia	✓	
Finland	✓	
France	✓	
Germany	✓	
Greece	✓	
Hungary	✓ By measurement from a framework of co-ordinates or geodetic reference	
Iceland	✓ In towns, using local coordinate systems	✓ In rural areas all kinds of recording is used
Ireland		
Italy	✓	
Latvia	✓ (urban areas) and partly in rural areas	✓ (rural areas)
Liechtenstein	✓	
Lithuania	✓	
Luxembourg	✓	

FYRO Macedonia	✓	
Malta		
Republic of Moldova	✓	✓
Netherlands	✓	
Norway	✓ In most cases by precise measurements in the general geodetic reference system. Isolated parcels in rural and remote districts may be identified on the topographic maps only, without field surveying	
Poland	✓	
Portugal	✓	
Romania	✓ Parcels registered after 1 July 1999 *	✓ *
Russian Federation	In general terms at primary registration. Precise measurements are required in the event of a change of owner	
San Marino	✓	
Slovakia	✓	
Slovenia	✓	
Spain	✓	
Sweden	✓	
Switzerland	✓	
Turkey	✓	
United Kingdom		
<i>England & Wales</i>		✓
<i>Scotland</i>		✓

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C13. Which, if any, of the following survey techniques are used:

Country	Land Surveys	Aerial Photogrammetry	Other Methods (please provide brief details)
Albania	✓	✓	✓ Total stations, GPS
Armenia	✓		
Austria	✓	✓	✓ GPS
Azerbaijan	✓	✓	
Belarus	✓	✓	
Bosnia & Herzegovina	✓	✓	
Bulgaria	✓	✓	
Canada			
<i>Alberta</i>	✓		
<i>British Columbia</i>	✓		
<i>Manitoba</i>	✓	✓ (are not used for titles boundaries)	✓ GPS, satellite imaging
<i>New Brunswick</i>	✓		
<i>Ontario</i>	✓	✓	✓ GPS
<i>Prince Edward Island</i>	✓		
<i>Saskatchewan</i>	✓	✓	✓ GPS, remote sensing
Croatia	✓	✓	

Cyprus			✓	
Czech Republic	✓		✓ (restricted numbers only)	
Denmark	✓		✓	✓ GPS
Estonia	✓		✓	✓ GPS, updating of existing maps
Finland	✓		✓ for improving the quality of the index map	✓ GPS
France	✓		✓	
Germany	✓		✓ only in a few cases	✓ GPS methods
Greece	✓		✓	
Hungary	✓ N B. The new National Cadastre Programme will use a total of seven technologies according to circumstances			
Iceland	✓ In towns		✓ In towns	✓ In rural areas sometimes aerial photos
Ireland				
Italy	✓		✓	✓ GPS methods
Latvia	✓		✓	✓ allocation of boundaries in rural area (simplified method)
Liechtenstein	✓			
Lithuania	✓			✓ (simplified methods)
Luxembourg	✓			
FYRO Macedonia			✓	
Malta	✓		✓	
Republic of Moldova	✓		✓	✓ updating of existing maps
Netherlands	✓		✓	✓ GPS

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C13. Which, if any, of the following survey techniques are used:

Country	Land Surveys	Aerial Photogrammetry	Other Methods (please provide brief details)
Norway	✓	✓ (less than 1%)	✓ GPS
Poland	✓		✓
Portugal	✓	✓	✓ GPS
Romania		✓	
Russian Federation	✓	✓	✓ GPS
San Marino	✓		
Slovakia	✓	✓	
Slovenia	✓	✓ As a help by establishing digital cadatral maps	
Spain	✓	✓	
Sweden	✓	✓	✓ GPS
Switzerland	✓	✓	✓ GPS. Orthophoto maps
Turkey	✓	✓	
United Kingdom			
<i>England & Wales</i>	✓	✓	
<i>Scotland</i>	✓	✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C14. Is this data open to public inspection

Country	By Any Member Of The Public Without Restriction	By Any Member Of the Public With Restrictions in the Level Of Access	By Professional Parties Only	By Other Groups (please specify)
Albania		✓		
Armenia		✓		
Austria	✓			
Azerbaijan			✓	
Belarus				
Bosnia & Herzegovina	✓			
Bulgaria		✓		
Canada				
<i>Alberta</i>	✓			
<i>British Columbia</i>	✓			
<i>Manitoba</i>	✓			
<i>New Brunswick</i>		✓		
<i>Ontario</i>	✓			
<i>Prince Edward Island</i>		✓		
<i>Saskatchewan</i>	✓			

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C14. Is this data open to public inspection

Country	By Any Member Of The Public Without Restriction	By Any Member Of the Public With Restrictions in the Level Of Access	By Professional Parties Only	By Other Groups (please specify)
Croatia	✓			
Cyprus				By interested parties with restrictions in the level of access.
Czech Republic	✓			
Denmark	✓			
Estonia		✓		
Finland	✓			
France	✓			
Germany	✓ (Restrictions only in the access of measurement results and of personal data)		✓ eg licensed surveyors, private engineering agencies with restrictions.	
Greece				✓ To those who have legal interest or their representatives
Hungary	✓ In the case of the cadastral map sheet or hardcopy		✓ In the case of surveying measurements, numeric and digital data sets	
Iceland	✓			
Ireland				
Italy	✓			
Latvia	✓			

Liechtenstein		✓		
Lithuania	✓			
Luxembourg	✓			
FYRO Macedonia	✓			
Malta				
Republic of Moldova		✓		
Netherlands	✓			
Norway	✓			
Poland		✓		
Portugal		✓		
Romania		✓		
Russian Federation			✓	
San Marino	✓			
Slovakia	✓			
Slovenia		✓		
Spain	✓			
Sweden	✓			
Switzerland	✓			
Turkey		✓		
United Kingdom				
<i>England & Wales</i>	✓			
<i>Scotland</i>	✓			

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C15. Are the map records held

Country	In a Computerised Format (indicate percentage coverage)	As Paper / Manual Records	In a Combination of Both
Albania		✓ A little in digital format	
Armenia			✓
Austria	✓ 95 % digital		
Azerbaijan		✓	
Belarus		✓	
Bosnia & Herzegovina		✓	
Bulgaria			✓
Canada			
<i>Alberta</i>	✓ 100 % digital		
<i>British Columbia</i>	✓		
<i>Manitoba</i>	✓ (satellite imaging)	✓ (land title plans)	Conversion from paper to imaged system under way. (land title plans)
<i>New Brunswick</i>	✓		
<i>Ontario</i>		✓	
<i>Prince Edward Island</i>	✓ (digital)	✓ (plastic orthos)	
<i>Saskatchewan</i>	✓ proposed 100 % for primary and secondary surveys	✓ GIS imaged	
Croatia		✓	✓

Cyprus		✓	✓
Czech Republic	✓ (3 % digital maps, 27% point coordinates are in a computerised format)	✓ (70 % of all maps)	✓
Denmark	✓ 100 %		
Estonia			✓
Finland	✓ 100 %		✓ Some few detail planned areas for which municipalities are responsible are not yet computerised
France			✓
Germany	✓ 60 to 70 %	✓	✓
Greece	✓ 100 %		
Hungary	✓ 100 % in the Capital, less than 10 % in the countryside. NB The main task of the new National Cadastral Programme is to accelerate the production of digital maps	✓ 90 % in the countryside	✓
Iceland			✓
Ireland			
Italy			✓
Latvia	✓	✓ Maps what were made in previous times	✓
Liechtenstein		✓	✓
Lithuania			✓
Luxembourg			✓
FYRO Macedonia	✓ 20 % Vector, 80 % Raster	✓	
Malta			

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C15. Are the map records held

Country	In a Computerised Format (indicate percentage coverage)	As Paper / Manual Records	In a Combination of Both
Republic of Moldova			✓
Netherlands	✓ 100%		
Norway	✓ 50%	✓ 50%	
Poland			✓
Portugal	✓	✓	
Romania		✓	
Russian Federation	✓ 15%		✓ 100%
San Marino	✓		
Slovakia	✓ 5%		
Slovenia	✓ 76%	✓ 50% urban 70% rural	✓
Spain	✓ 50% urban 30% rural		
Sweden	✓ 85%	✓ 15%	✓
Switzerland	✓ 25%	✓ 75%	
Turkey	✓ 20%		
United Kingdom			
<i>England & Wales</i>			✓
<i>Scotland</i>			✓

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C16. To what extent are private companies used in the surveying of new boundaries ?

Country	Not at All	In conjunction with Government Employees	Completely
Albania			✓
Armenia			✓
Austria			✓
Azerbaijan			
Belarus		✓	
Bosnia & Herzegovina		✓	
Bulgaria		✓	
Canada			
<i>Alberta</i>			✓ Government establishes standards under legislation/regulation,
<i>British Columbia</i>			✓ Government sets standards through regulation
<i>Manitoba</i>			✓ Primarily private companies, complete plans. Some registrations are completed by government
<i>New Brunswick</i>		✓	
<i>Ontario</i>			✓
<i>Prince Edward Island</i>			✓

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C16. To what extent are private companies used in the surveying of new boundaries ?

Country	Not at All	In conjunction with Government Employees	Completely
<i>Saskatchewan</i>			✓ private companies are used except for surveys of highways and for the primary survey.
Croatia		✓	
Cyprus	✓		
Czech Republic			✓
Denmark			✓ by Licensed Land Surveyors in private practice.
Estonia			✓
Finland	✓		
France		✓	
Germany	✓ (not at all in Bavaria)	Cadastral authorities as well as licensed surveyors in all states except Bavaria	
Greece		✓	
Hungary		✓ This is the recent position due to the campaign of the execution of the Land Compensation Act	
Iceland		✓	
Ireland			
Italy		✓	

Latvia			✓	
Liechtenstein			✓	
Lithuania			✓	
Luxembourg			✓	
FYRO Macedonia	✓			
Malta				
Republic of Moldova				✓
Netherlands	✓			✓ Contracting out the technical land survey
Norway			✓ Private companies are contracted by the municipalities to undertake cadastre surveys, but this option is only used for 5% of cases	✓
Poland				✓
Portugal	✓ in the old cadastre	✓ in the new cadastre		
Romania			✓	
Russian Federation		✓ 5000 private companies		
San Marino	✓			
Slovakia			✓	
Slovenia				✓
Spain				✓
Sweden	✓			
Switzerland				✓
Turkey			✓	
United Kingdom				
<i>England & Wales</i>			✓	
<i>Scotland</i>			✓	

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C17. How many separate parcels were surveyed last year as a result of physical changes ?

Country	Separate Parcels Surveyed last year as a Result of Physical Changes
Albania	No information
Armenia	These records are not held in the system separately
Austria	100,000 parcels
Azerbaijan	None
Belarus	No information supplied
Bosnia & Herzegovina	No information supplied
Bulgaria	No information supplied
Canada	
<i>Alberta</i>	10,000 plans of survey registered
<i>British Columbia</i>	35,000
<i>Manitoba</i>	Approx 1,200 plans
<i>New Brunswick</i>	–
<i>Ontario</i>	This information is not maintained by the land registration system
<i>Prince Edward Island</i>	Approx 700 subdivision plans filed
<i>Saskatchewan</i>	Approx 200 due to water body changes
Croatia	Not available

Cyprus	In 1995, 5,000 new parcels have been created as a result of subdivision applications.
Czech Republic	More than 100,000 survey sketches were made. (one sketch could deal with one or more land parcel changes)
Denmark	15,000 (8,000 new real properties were created)
Estonia	No information
Finland	35,000
France	320,000
Germany	About 230.000
Greece	No information supplied
Hungary	641,662 ha (530,257 ha inner part of the settlements, 102,469 ha in outskirts, 8,936 closed garden) (average numbers of parcels: 13 in inner part, 1/ha in outskirts, 20/ha in closed garden) (average costs of surveying 80,000 HUF in inner part, 15,000 HUF/ha in outskirts, 40,000 HUF/ha in closed garden)
Iceland	Not known
Ireland	
Italy	About 350,000
Latvia	60.000
Liechtenstein	Data not available
Lithuania	102.000
Luxembourg	No information
FYRO Macedonia	45,000
Malta	
Republic of Moldova	1,000
Netherlands	300,000

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C17. How many separate parcels were surveyed last year as a result of physical changes ?

Country	Separate Parcels Surveyed last year as a Result of Physical Changes
Norway	40.000
Poland	lack of information
Portugal	About 4,000 parcels
Romania	No data available
Russian Federation	Data not available
San Marino	Data not available
Slovakia	This information is not available
Slovenia	App. 90,000
Spain	Unknown
Sweden	12,000 new properties were created, but this means that a much larger number of properties were surveyed, at least partially, in connection with changes.
Switzerland	35,000 (This is rough estimate as no detailed statistics are maintained)
Turkey	66,115
United Kingdom	
<i>England & Wales</i>	Not available
<i>Scotland</i>	Not available

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C18. How is the work of the national survey and recording of parcel boundaries financed in your country

Country	By Government Funding %	By Fees for Services	By Other Means (please specify)	Total 100%
Albania	As the system has just started the first registration is funded by government and donors. In the future it will be financed jointly by government funding and fees for services			
Armenia	5	25 (current activity 100%)	75 (FTR – donor assistance 100%)	100
Austria		30	70 (federal users)	100
Azerbaijan	100			100
Belarus	95	5		100
Bosnia & Herzegovina	84	10	6	100
Bulgaria	95		5	
Canada				
<i>Alberta</i>		100% by owners (Fees)		
<i>British Columbia</i>	100 (but fees for services cover the costs)			100
<i>Manitoba</i>	Public Works Plans, highways water control 10%	Private plans, subdivisions, parcel plans 85%	5% (Special plot plans financed by the Agency. Plan remonumentation funded 50% by agency and 50% by Municipality)	
<i>New Brunswick</i>	Information not supplied			100
<i>Ontario</i>			100 (user fees)	100

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C18. How is the work of the national survey and recording of parcel boundaries financed in your country

Country	By Government Funding %	By Fees for Services	By Other Means (please specify)	Total 100%
<i>Prince Edward Island</i>		100		100
<i>Saskatchewan</i>	Primary Surveys and 5% secondary are financed by the Government	95% of Secondary surveys are financed by private individuals		100
Croatia	40		60 Local level, public companies	100
Cyprus	40	60		100
Czech Republic	100% of land parcel registering		Surveys of physical land parcel changes are financed by owners, only surveys of land parcels restituted to original owners are paid by the State.	100
Denmark		100		100
Estonia	100			100
Finland	18	82		100
France			100 by ownerships	100
Germany 1.National Survey 2.Parcel Boundaries	100	100 (by the owner)		100
Greece	100 Government and EC funding for the establishment of the project			100
Hungary	90 Surveying works are generally supported by the government with the exception of the division of land parcels	7	3 Surveying activities related to the privatisation of the cooperative lands is financed by the interested parties	

Iceland	60	40		100
Ireland				
Italy	100			100
Latvia	16	84		100
Liechtenstein	100			100
Lithuania	70 (For restricted parcels)	✓ 30		100
Luxembourg				
FYRO Macedonia	100			
Malta	100			100
Republic of Moldova	40	10	50	100
Netherlands		100		100
Norway	70	30		100
Poland	lack of information	lack of information		
Portugal	93	7		100
Romania	for systematic cadastre	for sporadic informatiion		
Russian Federation	100	70*		
San Marino	100			100
Slovakia	50	50		100
Slovenia	50	50		100
Spain	100			100
Sweden	20	80		100
Switzerland	92% (Federal 10 - 90% Cantonal approx half of rest Communal approx half of rest)	10		

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C18. How is the work of the national survey and recording of parcel boundaries financed in your country

Country	By Government Funding %	By Fees for Services	By Other Means (please specify)	Total 100%
Turkey	85	15		100
United Kingdom	Topographic survey wholly funded by Government but 93% costs in 1996-97 recovered through commercial revenue including fees paid by Land Registry to Ordnance Survey for mapping and survey services			
<i>England & Wales</i> } <i>Scotland</i>)				

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C19. What was the total cost last year of:

Country	The Maintenance of the National Survey and Recording of Parcel Boundaries in your Country	Investing in Further Developments
Albania	No information	
Armenia	Nearly 1,500,000	Nearly 1,000,000
Austria	64 million US\$ (Federal Cadastre)	
Azerbaijan	133,685 thousand Manat	179,859 thousand Manat
Belarus	No information	
Bosnia & Herzegovina	No information supplied	
Bulgaria		
Canada		
<i>Alberta</i>	\$1m Can	
<i>British Columbia</i>	Not known – costs spread across many users	
<i>Manitoba</i>	Approx. \$400,000 Can	
<i>Ontario</i>	–	–
<i>Prince Edward Island</i>	Property Mapping – 100,000	GIS
<i>Saskatchewan</i>	Not available today but will be available in the new system	
Croatia	DEM 6.5 mil.	DEM 12 mil.
Cyprus	CY £4,000,000	CY £2,700,000

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C19. What was the total cost last year of:

Country	The Maintenance of the National Survey and Recording of Parcel Boundaries in your Country	Investing in Further Developments
Czech Republic	(The answers were included in Section B Question 12 but were not observed separately)	
Denmark	80 million DKR (14 million \$US) (Licensed Land Surveyors in private practice not included)	
Estonia	-	-
Finland	n54 million	n2 million
France	Not supplied	
Germany	Unknown	Unknown
Greece	DRX 1.4 billion (for the first phase of establishment)	
Hungary	1,500 million HUF	1,300 million HUF
Iceland	120 million IKR (1.7 million USD)	18 million IKR (0.25 million USD)
Ireland		
Italy	-	
Latvia	Is not distributed from total budget of SLS	453,000 Ls
Liechtenstein	-	-
Lithuania	n7.5 million	

Luxembourg		
FYRO Macedonia	200,000 US\$	
Malta	£Stg 200,000 for maintaining national survey	£Stg. 150,000
Republic of Moldova	See B.12 (1997)	
Netherlands	Hfl. 114 mln	HFl 32 mln
Norway	200.000.000 Norw. Kroner	25.000.000 Norw. Kroner
Poland		
Portugal	About 300,000,000 PTE	
Romania	No data available	
Russian Federation	Not supplied	
San Marino		Data not available
Slovakia	The required costs are already included in costs mentioned in part B.12 and it is impossible to specify them separately.	
Slovenia	230.000.000 SIT = 2.400.000 DEM (State Budget)	400.000.000 SIT = 1,660,000 US\$
Spain		5 M \$
Sweden	400 MSEK	30 MSEK
Switzerland	95 million SFr. (approximation - no detailed records)	80 million SFr.
Turkey	13,621,117 \$US	1,294,118 \$US
United Kingdom		
<i>England & Wales</i>)	Cost of national survey in 1996-97 for England, Wales and Scotland - £72 million	National Surveys (OS) for England, Wales and Scotland - £1 million
<i>Scotland</i>)		

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C20. Please list the main regulations or legislation under which the topographical cadastral survey or parcel and boundary recording is administered in your country:

Country	List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered
Albania	Regulation of Council of Ministers 1974
Armenia	<ol style="list-style-type: none"> 1. The Law on 'State Registration of Rights on Real Property' 2. The Resolution of the Government on 'The Approval of the Regulation on First State Title Registration in the Areas where the cadastral mapping is completed' 3. Regulation on implementation of cadastral mapping activities
Austria	Federal Surveying Law
Azerbaijan	Resolutions of the Cabinet of the Republic of Azerbaijan: No 239, 31/07/91 and No 34, Article 24.01, 1992
Belarus	<p>The Land Code of the Republic of Belarus The Land Ownership Law of the Republic of Belarus Government Decree: "The Procedure for the Introduction and Maintenance of the Land Cadastre and Monitoring of Land" Decree of the Supreme Soviet: "The Procedure for the Confiscation and Granting of Parcels of Land" Decree of the Supreme Soviet: "The Conduct of the Land Reform in the Republic".</p>
Bosnia & Herzegovina	Zakono Finasiranjn Premjera i Katastra Nekretnina (Law about Surveying and Real Estate Financing)
Bulgaria	Law on Cadastre (Its by Law), Law on Ownership and use of Agricultural land; (its by law); Law on Court Authority, Law on Ownership
Canada	
<i>Alberta</i>	Surveys Act, Land Titles Act
<i>British Columbia</i>	Land Act, Land Titles Act
<i>Manitoba</i>	The Surveys Act, The Real Property Act, The Special Surveys Act

<i>New Brunswick</i>	Surveys Act, ANBLS Act
<i>Ontario</i>	Surveys Act, Surveyors Act, Land Titles Act, Registry Act, Land Registration Reform Act, Condominium Act, Boundaries Act, Certification of Titles Act; and Regulations made under all those Acts.
<i>Prince Edward Island</i>	None supplied
<i>Saskatchewan</i>	The Land Titles Act 2000, The Land Surveys Act 2000, and Regulations; The Land Surveyors Act, The Condominium Act.
Croatia	Zakon o geodetskoj izmjeri i katastru zemljišta (The Law of Geodesy and Cadastre) Regulations that belong to The Law of Geodesy and Cadastre
Cyprus	The main legislation is: The Immovable Property (Tenure, Registration and Valuation) Law Cap. 224.
Czech Republic	Cadastral Act 344/1992 in amended wording; Act 359/1992 about surveying, mapping and cadastral bodies in amended wording; Survey Act 200/1994; Regulations 190/1996 of the Czech Office for Surveying, Mapping and Cadastre.
Denmark	The Law of Subdivision and other Registration in the Cadastre.
Estonia	Land Cadastre Act
Finland	Act and Ordinance on Cadastral Surveys and Regulations given by the NLS
France	
Germany	Surveying and Cadastre Acts of the States of FRG (Länder)
Greece	Ministerial decision for the technical specification for the Hellenic Cadastre (MDGG 639 B/1995) Law for the National Cadastre
Hungary	<ul style="list-style-type: none"> • Act No. LXIII of 1992 on the Protection of Personal Data and the Disclosure of Public Information • Act No. LV of 1994 on Cultivable Land (Land Law) • Act No. XV of 1995 Subject: Amendment of Act on Committees of Land re-organisation.. • Act No. XXXVIII of 1995 Subject: Amendment of the Compensation Act (Act No. XXV of 1991) • Act No. LXXVI of 1996 on Surveying and Mapping Activities <p>This Act was passed by Parliament in late October 1996. Basic aim of the act is to ensure that series of maps be available covering the total area of the country, that are suitable as bases of real property registration, geographic information systems, defence, as well as of various economic, scientific and social subjects. The legal measure also sets the rules to what degree users of maps are to cover the costs of maps. The act is supported by two Ministerial-level executive orders such as 16/1997 (III.5) FVM (FVM-Ministry of Agriculture and Regional Development) and 21/1997 (III.12) FVM-HM (HM -Ministry of Defence), and the order 63/1999(VII.21.) of FVM-HM-PM(PM-Ministry of Finance).</p>

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C20. Please list the main regulations or legislation under which the topographical cadastral survey or parcel and boundary recording is administered in your country:

Country	List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered
Hungary (cont.)	<ul style="list-style-type: none"> • Parliament's Resolution No. 83/1997(IX.26.)OGY(Parliament) on Hungary's National Environmental Programme • Act No. CXLI/1997 on Land Registration and the related executive order 109/1999(XII.29.) of FVM. • Parliament's Resolution No. 35/1998(III.20.)OGY(Parliament) on the National Regional Development Concept • Government Decree No. 236/1998 (XII.30.) Korm.(Government) on registration of farmers as condition for receiving state aid. • Order 62/1999(VII.21) FVM on the detailed regulations of land classification • Government Decree No.184/1999(XII.13)Korm. on the detailed regulations of the registration of land use (by setting up and maintaining the Registry on Land Users at the Land Offices) • Order 105/1999(XII.22) FVM on the detailed regulations of land classification • Government Decree No. 113/2000. (XII.27.)Korm. on the Registration of the Data Property of Public Administration
Iceland	<p>The Law of the National Survey nr. 95/1997 The Zoning and Building Law nr. 73/1997 The Law of Registration of deeds, mortgages, transfer of ownership etc nr. 39/1978 The Law of Registration and Valuation of Real Properties nr. 94/1976 The Law of Rural properties nr. 65/1976</p>
Ireland	
Italy	<p>The law R.D. nr. 2153/1938. Guideline for surveying and conventional graphic representation of cadastral maps 1970.</p>
Latvia	<ol style="list-style-type: none"> 1. The Law "On the State Land Service" 2. The "Conception of the Development of Cartography of Latvia" 3. Governments regulations and real estate cadastre 4. The Law "On finishing of land reform in rural territories" 5. The Law "On finishing of land reform in cities" 6. Regulations issuing by the State Land service
Liechtenstein	—

Lithuania	<p>Law on the Real Property Cadastre No. VIII-1764, 2000</p> <p>Law on the Real Property Register, No. VIII-453, 1997</p> <p>Regulations on the Real Property Register, No. I-1539; 1998</p> <p>Law on Land, I-466, 1994</p> <p>Regulations on the Real Property cadastre No. 316, 1998</p> <p>Law on Territorial Planning, No.Ibm (1995), as amended by N. VIII-435 (07 10 1997)</p>
Luxembourg	
FYRO Macedonia	Law for Land Surveying, Cadastre and Real Estate Rights Inscription
Malta	
Republic of Moldova	See B13
Netherlands	Cadastral Act and Internal Regulations
Norway	Law on the Land Cadastre (Land Subdivision Act)
Poland	<p>1. Act of the 17th of May 1989 - Geodetic and Cartographic Law.</p> <p>2. Ordinance of the Ministers of Physical Planning and Construction and Agriculture and Food Economy of 17th December 1996 in the matter of land and building registry. (Land and Building cadastre).</p> <p>3. Ordinance of the Ministers of Physical Planning and construction and Agriculture and Food Economy of the 5th August 1996 on the demarcation of real estate.</p>
Portugal	Decree- Law no 172/95 – for the new cadastre. Code of taxation on land and buildings and of the Tax on Agricultural Industry – for the old Cadastre.
Romania	Law No 7 of 1996 on General Cadastre and Public Registers Technical Norms for General Cadastre Works: Regulations for Checking the Geodetic Works
Russian Federation	Not Supplied
San Marino	<p>The relevant laws are the following: Law n.83/1981, n.84/1981, n.85/1981, n.86/1981, n.87/1981 and n.88/1981.</p> <p>The above-mentioned laws were all passed on 29th October, 1981.</p> <p>With regard to the norms regulating the activities of the Land Registry Office, see also Law n.28 of 25th September, 1950, Law n.10 of 16th July, 1951, Law n.30 of 27th November, 1952, and Law n.31 of 24th February, 1953.</p>
Slovakia	Act No. 162/1995 Coll. about the real estate cadastre and entries of ownership and other rights to the real estates + subsequent Decree No. 79/1996 Coll. Act No. 215/1995 Coll on geodesy and cartography + subsequent Decree No. 178/1996 Coll.
Slovenia	Real Estate, National Border and Spatial Units, Registration Bill (Official Gazette of the Republic of Slovenia No: 55/2000) Geodetic Activity Act (Official Gazette of the Republic of Slovenia No: 8/2000)

National Topographical Survey of Physical Ground Features and Recording of the Area of Parcel Boundaries

Section C

C20. Please list the main regulations or legislation under which the topographical cadastral survey or parcel and boundary recording is administered in your country:

Country	List of Main Regulations or Legislation Under Which the Topographical Cadastral Survey or Parcel and Boundary Recording is Administered
Spain	Ley Reguladora de Haciendas Locales Normas Técnicas de Valoración
Sweden	Jordabalken (Land Code) Fastighetsbildningslagen (Real Property Formation Act) Lag om fastighetsregister Real property register Act. Förordning om fastighetsregister Real property register ordinance Mättningskungörelsen (Survey Regulation Ordinance)
Switzerland	Swiss Civil Law (Zivilgesetzbuch ZGB) Ordinance for Official Surveying (Verordnung über die amtliche Vermessung VAV) Technical Ordinance for Official Surveying (Technische Verordnung über die amtliche Vermessung TVAV)
Turkey	The cadastre is methodically arranged as public inventory of the immovables within a certain district according to the Cadastre Law (no 3402 on June 21, 1987).
United Kingdom	
<i>England & Wales</i>	Ordnance Survey Act 1841
<i>Scotland</i>	Ordnance Survey Act 1841

D1. Do you have a standard land use classification system ?

Country	Yes	No
Albania		
Armenia	✓	
Austria	✓	
Azerbaijan	✓	
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria		
Canada		
<i>Alberta</i>		(administered by local municipalities)
<i>British Columbia</i>		✓ (in development)
<i>Manitoba</i>	✓ (Administered through municipalities)	
<i>Prince Edward Island</i>	✓	
<i>Saskatchewan</i>	✓	
Croatia	✓	
Cyprus	✓	
Czech Republic	✓	
Denmark	✓	

D1. Do you have a standard land use classification system ?

Country	Yes	No
Estonia	✓	
Finland	✓	
France	✓	
Germany	✓	
Greece	✓	
Hungary	✓ For selected agricultural and forest categories in 9 different classes: arable land, garden, orchard, vineyard, meadow, pasture, forest, reed, fishpond.	
Iceland	✓ used primarily for tax assessment purposes.	
Ireland		
Italy	✓	
Latvia	✓	
Liechtenstein	✓	
Lithuania	✓	
Luxembourg		
FYRO Macedonia	✓	
Malta		✓
Republic of Moldova	✓	

Netherlands	✓	Based on the description in the notorial deeds the land use is recorded in the cadastral registration. Alterra maintain a land use map (country covering) at small scale, and a soil map. (is not an official registration). Municipalities have land use maps for spatial planning purposes.
Norway	✓ but only for arable land and forest	
Poland	✓	
Portugal	✓	
Romania	✓	
Russian Federation	✓	
San Marino	✓	
Slovakia	✓	
Slovenia	✓	
Spain	✓	
Sweden	✓ Used primarily for tax assessment purposes	
Switzerland	✓	
Turkey		✓
United Kingdom		
<i>England & Wales</i>	✓	
<i>Scotland</i>	✓	

Record and Determination of Land Use and Classification of Attributes

Section D

D2. If yes, who is responsible for maintaining or amending the classification system:

Country	National Ministry	Regional or Local Government	Research Institute	Other (please specify)
Albania				
Armenia				✓The State Committee of the Real Property Cadastre of the Government of the Republic of Armenia
Austria	✓			
Azerbaijan	NLC and Azgipromzem		The Academy of Science	
Belarus	✓ (Committee for Land Resources)			
Bosnia & Herzegovina		✓		
Bulgaria				
Canada				
<i>Alberta</i>		✓		
<i>British Columbia</i>		✓		
<i>Manitoba</i>	Provincial and Municipal jurisdictions			
<i>Prince Edward Island</i>	Provincial and Municipal jurisdictions			
<i>Saskatchewan</i>		✓		
Croatia	✓ State Geodetic Administration	✓ Cadastral offices		
Cyprus				✓ The record and determination of Land Use and Classification of Attributes is a work carried out by the Town Planning Department of the Ministry of interior and not by the Lands and Surveys Department.

Czech Republic	✓			
Denmark	✓			
Estonia	✓			
Finland				✓ the NLS
France	✓			
Germany		✓ communities		
Greece	✓			
Hungary	✓			
Iceland				The Valuation Office of Iceland (Fasteignamat rikisins)
Ireland				
Italy	✓			
Latvia				✓ State Land Service of the Republic of Latvia
Liechtenstein	✓			
Lithuania	✓			
Luxembourg				
FYRO Macedonia				✓ State Authority for Geodetic Works
Malta				
Republic of Moldova	✓			
Netherlands			✓	
Norway			✓	
Poland	✓			
Portugal	✓			

Record and Determination of Land Use and Classification of Attributes

Section D

D2. If yes, who is responsible for maintaining or amending the classification system:

Country	National Ministry	Regional or Local Government	Research Institute	Other (please specify)
Russian Federation	✓ Russian Federation State Committee for Land Resources and Land Management			
San Marino	✓			
Slovakia	✓			
Slovenia	✓			
Spain		✓		
Sweden	✓			
Switzerland	✓ Swiss Federal Statistical Office			
Turkey				
United Kingdom				
<i>England & Wales</i>	✓			
<i>Scotland</i>			✓	

Record and Determination of Land Use and Classification of Attributes

Section D

D3. Do you have a unified system for collecting information on the distribution of land use for the whole country ?

Country	Yes	No, But Have Plans to do so	No, and Have no Plans	If 'Yes', Please Complete questions 4-8
Albania				
Armenia	✓			
Austria	✓			
Azerbaijan	✓			
Belarus	✓			
Bosnia & Herzegovina	✓			
Bulgaria				
Canada				
Alberta		✓		
British Columbia	✓			Baseline thematic mapping at a scale of 1:250000 captures a mixture of land use and land cover for the province
Manitoba				
Prince Edward Island	✓ Provincially and Municipally			
Saskatchewan	✓			
Croatia	✓			
Cyprus		✓		

Record and Determination of Land Use and Classification of Attributes

Section D

D3. Do you have a unified system for collecting information on the distribution of land use for the whole country ?

Country	Yes	No, But Have Plans to do so	No, and Have no Plans	If 'Yes', Please Complete questions 4-8
Czech Republic	✓			
Denmark	✓			
Estonia	✓			
Finland	✓			
France	✓			
Germany	✓			
Greece		✓		
Hungary	✓			
Iceland	✓			
Ireland				
Italy	✓			
Latvia	✓			
Liechtenstein	✓			
Lithuania	✓			
Luxembourg				
FYRO Macedonia	✓			

Malta		✓		
Republic of Moldova	✓			
Netherlands	✓ only the non urban lands			
Norway	✓ but only for arable land, forest etc.			
Poland	✓			
Portugal	✓			
Romania	✓			
Russian Federation	✓			
San Marino	✓			
Slovakia	✓			
Slovenia	✓			
Spain	✓			
Sweden	✓			
Switzerland	✓			
Turkey				
United Kingdom				
<i>England & Wales</i>	✓			
<i>Scotland</i>	✓			

Record and Determination of Land Use and Classification of Attributes

Section D

D4. Is this system administered and records maintained ?

Country	At National Level by a Ministry	At National Level by Another Organisation, e.g. Research Institute	At State/Province Level	At Regional or Local Level	Other (please specify)
Albania					
Armenia					✓ The State Committee of the Real Property Cadastre of the Government of the Republic of Armenia
Austria		✓			
Azerbaijan	NLC	Azgipromzem		Each region	
Belarus	✓	✓	✓	✓	
Bosnia & Herzegovina				✓	
Bulgaria					
Canada					
<i>Alberta</i>				✓ by local municipalities	
<i>British Columbia</i>			✓	✓ By municipalities	
<i>Manitoba</i>					
<i>Prince Edward Island</i>			✓	✓ In municipalities	
<i>Saskatchewan</i>				✓	
Croatia				✓	

Cyprus					
Czech Republic	✓				
Denmark				✓	
Estonia	✓				
Finland					✓ the NLS
France	✓				
Germany			✓	✓	
Greece					
Hungary				✓ By 116 district Land Offices	
Iceland		✓			
Ireland					
Italy	✓		✓		
Latvia	✓ Ministry of Agriculture	✓ State Land Service of the Republic of Latvia		✓	
Liechtenstein	✓				
Lithuania	✓				
Luxembourg					
FYRO Macedonia				✓ (maintenance)	✓ By State Authority for Geodetic Works (Supervision Storage)
Malta					

Record and Determination of Land Use and Classification of Attributes

Section D

D4. Is this system administered and records maintained ?

Country	At National Level by a Ministry	At National Level by Another Organisation, e.g. Research Institute	At State/Province Level	At Regional or Local Level	Other (please specify)
Republic of Moldova	✓			✓	
Netherlands		✓			
Norway		✓			
Poland	✓		✓	✓	
Portugal		✓			
Russian Federation	✓		✓	✓	
San Marino	✓			✓	
Slovakia			✓	✓	
Slovenia	✓ Ministry For Agriculture and Forest establishing database within Real Estate Registration Modernisation Project				
Spain				✓	
Sweden				✓	
Switzerland	✓ (Federal Office)				
Turkey					
United Kingdom					
<i>England & Wales</i>		✓			
<i>Scotland</i>		✓			

D5. To what extent is the country covered ?

Country	Complete Census	Sample of Parcels	Sample of Points	Other
Albania				
Armenia		✓		
Austria	✓			
Azerbaijan	✓			
Belarus				
Bosnia & Herzegovina		✓		
Bulgaria				
Canada				
<i>Alberta</i>	✓			
<i>British Columbia</i>	✓ (about 50% complete in 1997)			
<i>Manitoba</i>				✓ 30% (occupied lands)
<i>Prince Edward Island</i>	✓			
<i>Saskatchewan</i>	✓			
Croatia		✓		
Cyprus	✓			
Czech Republic	✓			
Denmark	✓			

D5. To what extent is the country covered ?

Country	Complete Census	Sample of Parcels	Sample of Points	Other
Estonia	✓			
Finland	✓			
France	✓			
Germany	✓			
Greece				
Hungary	✓			
Iceland	✓ except uninhabited parts of the country, mainly central Iceland.			
Ireland				
Italy	✓			
Latvia	✓			
Liechtenstein	✓			
Lithuania	✓			
Luxembourg				
FYRO Macedonia	✓			
Malta				
Republic of Moldova	✓			

Netherlands	✓ non-urban land
Norway	✓ non-urban land
Poland	✓
Portugal	✓
Russian Federation	✓
San Marino	✓
Slovakia	✓
Slovenia	✓
Spain	✓
Sweden	✓
Switzerland	
Turkey	
United Kingdom	
<i>England & Wales</i>	✓
<i>Scotland</i>	✓

✓ 1 point per hectare;
approximately 4.1million points.
(1 hectare = 10,000 m²)

✓

Record and Determination of Land Use and Classification of Attributes

Section D

D6. What method of data collection is used ?

Country	Through the Mapping System	Field Surveying	Photographic Surveying	Through Another Administrative System	Other (please specify)
Albania					
Armenia	✓	✓			
Austria		✓	✓	✓	✓ (CHECK)
Azerbaijan	✓	✓	✓		
Belarus					
Bosnia & Herzegovina		✓	✓		
Bulgaria					
Canada					
<i>Alberta</i>				✓ (local land use controls)	
<i>British Columbia</i>			✓		
<i>Manitoba</i>				✓	
<i>Prince Edward Island</i>	✓				
<i>Saskatchewan</i>				✓	
Croatia		✓	✓		
Cyprus					
Czech Republic	✓				

Denmark				✓	
Estonia	✓	✓	✓	✓	
Finland					✓ Remote sensing, Digital map data, Environmental data
France	✓	✓	✓	✓	
Germany	✓	✓	✓		
Greece					
Hungary	✓	✓	✓		✓ Description of the field inspection
Iceland				✓	
Ireland					
Italy	✓		✓		
Latvia	✓	✓	✓		
Liechtenstein	✓	✓			
Lithuania	✓	✓		✓	
Luxembourg					
FYRO Macedonia	✓				
Malta					
Republic of Moldova				✓	
Netherlands	✓	✓	✓		✓ Remote sensing
Norway	✓		✓		

Record and Determination of Land Use and Classification of Attributes

Section D

D6. What method of data collection is used ?

Country	Through the Mapping System	Field Surveying	Photographic Surveying	Through Another Administrative System	Other (please specify)
Poland	✓	✓	✓		
Portugal	✓	✓	✓		
Russian Federation	✓	✓	✓	✓	✓ Remote sensing
San Marino				✓	
Slovakia	✓	✓		✓	
Slovenia		✓	✓ mostly		
Spain			✓	✓	
Sweden				✓	
Switzerland		✓ Random checks and points which cannot be interpreted on the aerial photographs	✓ Conventional black & white aerial photographs		✓ Interpretation supported by a variety of additional information (protected areas)
Turkey					
United Kingdom					
<i>England & Wales</i>		✓			✓ Satellite remote sensing
<i>Scotland</i>			✓		

D7. Is the data held ?

Country	In a Computerised Format	As Paper/Manual Records	In a Combination of Both
Albania			
Armenia			✓
Austria	✓		
Azerbaijan		✓	
Belarus		✓	
Bosnia & Herzegovina			✓
Bulgaria			
Canada			
<i>Alberta</i>	✓		
<i>British Columbia</i>	✓		
<i>Manitoba</i>			
<i>Prince Edward Island</i>			✓
<i>Saskatchewan</i>			✓
Croatia			✓
Cyprus			
Czech Republic	✓		

D7. Is the data held ?

Country	In a Computerised Format	As Paper/Manual Records	In a Combination of Both
Denmark	✓		
Estonia			✓
Finland	✓		
France	✓		
Germany			✓
Greece			
Hungary	✓		
Iceland	✓		
Ireland			
Italy			✓
Latvia	✓		✓
Liechtenstein		✓	
Lithuania			✓
Luxembourg			
FYRO Macedonia	✓		
Malta			

Republic of Moldova			
Netherlands	✓		
Norway			✓
Poland			✓
Portugal	✓	✓	
Russian Federation			✓
San Marino		✓	
Slovakia	✓		
Slovenia	✓		
Spain			✓
Sweden	✓		
Switzerland	✓		
Turkey			
United Kingdom			
<i>England & Wales</i>	✓		
<i>Scotland</i>	✓		

D8. Is the data available for enquiry by the public ?

Country	Yes	No
Albania		
Armenia	✓	
Austria	✓	
Azerbaijan	✓ limited access	
Belarus	✓	
Bosnia & Herzegovina	✓	
Bulgaria		
Canada		
<i>Alberta</i>	✓	
<i>British Columbia</i>	✓	
<i>Manitoba</i>	✓	
<i>Prince Edward Island</i>	✓	
<i>Saskatchewan</i>	✓	
Croatia	✓	
Cyprus		
Czech Republic	✓	

Denmark	✓	
Estonia	✓	
Finland	✓	
France	✓ With restrictions in access in some instances	
Germany	✓	
Greece		
Hungary	✓	
Iceland	✓	
Ireland	✓	
Italy	✓	
Latvia	✓	
Liechtenstein	✓	
Lithuania	✓	
Luxembourg		
FYRO Macedonia	✓	
Malta		
Republic of Moldova	✓	
Netherlands	✓	
Norway	✓	
Poland	✓	
Portugal	✓	

D8. Is the data available for enquiry by the public ?

Country	Yes	No
Russian Federation	✓	
San Marino	✓	
Slovakia	✓	
Slovenia	✓	
Spain	✓	
Sweden	✓	
Switzerland	✓ Detailed information of 15 or 24 land use categories for research and planning purposes	
Turkey		
United Kingdom		
<i>England & Wales</i>	✓	
<i>Scotland</i>	✓	

Record and Determination of Land Use and Classification of Attributes

Section D

D9. Does the classification system for land use identify the following:

Country	Residential	Commercial/Office	Industrial	Agricultural		Other (please specify)
				Arable	Forest	
Albania						
Armenia	✓	✓	✓	✓	✓	
Austria	✓	✓	✓	✓	✓	✓ approximately 40 categories
Azerbaijan				✓	✓	
Belarus	✓		✓	✓	✓	
Bosnia & Herzegovina	✓	✓		✓	✓	
Bulgaria						
Canada						
<i>Alberta</i>	✓	✓	✓	✓	✓	✓ (Institutional, Agricultural, Utility, Park etc)
<i>British Columbia</i>	Not supplied					
<i>Manitoba</i>	✓	✓	✓	✓	✓	Institutional; other agricultural uses; Public utility; Parks and recreational
<i>Prince Edward Island</i>	✓	✓	✓	✓	✓	
<i>Saskatchewan</i>	✓	✓	✓	✓	✓	
Croatia	✓	✓	✓	✓	✓	

Record and Determination of Land Use and Classification of Attributes

Section D

D9. Does the classification system for land use identify the following:

Country	Residential	Commercial/Office	Industrial	Agricultural		Other (please specify)
				Arable	Forest	
Cyprus						
Czech Republic	✓	✓	✓	✓	✓	
Denmark	✓	✓	✓	✓	✓	✓ Public use
Estonia	✓	✓	✓	✓	✓	✓ Approx. 29 categories
Finland	✓	✓	✓	✓	✓ 20 classes according to timber volume and tree species	✓ Water
France	✓	✓	✓	✓	✓	✓ Non-built land: railways etc.
Germany	✓	✓	✓	✓	✓	✓ traffic, mining, water, green
Greece	✓	✓	✓	✓	✓	
Hungary				✓	✓	
Iceland	✓	✓	✓	✓		
Ireland	✓	✓	✓			
Italy	✓	✓	✓	✓	✓	
Latvia	✓	✓	✓	✓	✓	✓ water

Liechtenstein	✓	✓	✓	✓	✓	
Lithuania	✓	✓	✓	✓	✓	✓ Conservation, roads, built territories, bogs, unused land, State land fund, water.
Luxembourg						
FYRO Macedonia	✓	✓	✓	✓	✓	
Malta	✓	✓	✓	✓	✓	✓ classification of rural landscape, quarrying, major infrastructure, etc.
Republic of Moldova	✓	✓	✓	✓	✓	
Netherlands				✓	✓	
Norway				✓	✓	
Poland	✓	✓	✓	✓	✓	✓ wasteland, roads, railways, mineral uses (open mining, quarrying areas) drainage, ditches, orchards, grasslands, pastures, forested land, stagnant waters (lakes) flowing waters (rivers) undeveloped areas, greenery areas, various terrains, other areas for transport use (18 land uses categories are distinguished.
Portugal	✓	✓	✓	✓	✓	
Russian Federation	✓	✓	✓	✓	✓	✓ Water, Reserve
San Marino	✓	✓	✓	✓	✓	✓ The Cadastre of Land Use contains 13

Record and Determination of Land Use and Classification of Attributes

Section D

D9. Does the classification system for land use identify the following:

Country	Residential	Commercial/Office	Industrial	Agricultural		Other (please specify)
				Arable	Forest	
San Marino (cont.)						categories of agricultural land use e.g sowable land, meadow, pasture, olive groves etc The Cadastre of Buildings contains a very detailed classification system for building use e.g houses, offices, shops, workshops, factories, hotels, theatres and many more
Slovakia	✓	✓	✓	✓	✓	✓ Complex system of codes to specify the way of use
Slovenia	✓	✓	✓	✓	✓	
Spain	✓	✓	✓	✓	✓	
Sweden	✓	✓	✓	✓	✓	✓ Official (public) buildings, hospitals, communication installations etc.
Switzerland	✓		✓		✓	✓ 69 categories under the main headings; agricultural areas, settlement and urban areas, wooded areas, unproductive areas

Turkey						
United Kingdom						
<i>England & Wales</i>	✓	✓	✓	✓	✓	✓ Fisheries, Community and Health Services, Defence, Education, Recreation and Leisure, Mineral Extraction, Retail, Storage, Transport, Utilities, Unused Land
<i>Scotland</i>				✓	✓	✓ Moorland, urban, surface water and other developed rural land

Record and Determination of Land Use and Classification of Attributes

Section D

D10. How is the maintenance of records of land use financed in your country ?

Country	By Government Funding %	By Fees For Services %	By Other Means (please specify) %	Total 100%
Albania				
Armenia		100		
Austria	Included in the costs of Cadastre			
Azerbaijan	100			100
Belarus				
Bosnia & Herzegovina	84	10	6	
Bulgaria				
Canada				
<i>Alberta</i>	100			
<i>British Columbia</i>	100			100
<i>Manitoba</i>	100			
<i>Prince Edward Island</i>	100			100
<i>Saskatchewan</i>	100			100
Croatia	90 (Previous) 30 (Actual)	10 (Previous) 10 (Actual)	- 60 (Actual)	100 (Previous) 100 (Actual)
Cyprus	100			100

Czech Republic	100	Fees for services returned to State Budget		100
Denmark	5		95 (By Local Governments)	100
Estonia	100			100
Finland	100			100
France	100			100
Germany	100			100
Greece	100			100
Hungary	100			100
Iceland	33	67		100
Ireland				
Italy				
Latvia	40	60		100
Liechtenstein	100			100
Lithuania	100			100
Luxembourg				
FYRO Macedonia	100			100
Malta	100			100
Republic of Moldova	100			100
Netherlands	100			
Norway	100			100
Poland	100			100

Record and Determination of Land Use and Classification of Attributes

Section D

D10. How is the maintenance of records of land use financed in your country ?

Country	By Government Funding %	By Fees For Services %	By Other Means (please specify) %	Total 100%
Portugal	100			
Russian Federation	100			100
San Marino	100			100
Slovakia				
Slovenia	100			100
Spain	100			
Sweden	100			100
Switzerland	100			100
Turkey				
United Kingdom				
<i>England & Wales</i>	(Information not available)			
<i>Scotland</i>	90	10		100

D11. What was the total cost last year:

Country	The Maintenance of System of Land Use Classification	Investing in the Further Development of Land Use Classification
Albania		
Armenia	Land use transactions are rare in the country consequentially the amounts are limited	These activities are anticipated in the further development of the Cadastre and the indication of the development in the sustainable land market
Austria	Included in the costs of Cadastre	
Azerbaijan	133.6 million Manat	180 million Manat
Belarus		
Bosnia & Herzegovina	No information supplied	No information supplied
Bulgaria		
Canada		
<i>Alberta</i>	Not available	
<i>British Columbia</i>	No information supplied	
<i>Manitoba</i>		
<i>Prince Edward Island</i>	No information supplied	
<i>Saskatchewan</i>	Not available	
Croatia	DEM 3.5 million	DEM 5 million
Cyprus		

D11. What was the total cost last year:

Country	The Maintenance of System of Land Use Classification	Investing in the Further Development of Land Use Classification
Czech Republic	See Section B question 12	See Section B question 12
Denmark	200 mio DKR (34 mio US \$)	0
Finland	€100,000	
France		
Germany	Unknown	Unknown
Greece		
Hungary	Costs are included in the overall Land Office operation costs.	52 million HUF
Iceland		
Ireland		
Italy	No information supplied	
Latvia	Costs included in other activities	100.000 LS(Lats)
Liechtenstein	No information supplied	
Lithuania	Data not available	
Luxembourg		
FYRO Macedonia	100,000 USD	10.000 USD
Malta	£Stg. 100.000	
Republic of Moldova	USD 150,000	

Netherlands		
Norway	100 million Norway Kroner (Approx)	10 million Norway Kroner (Approx)
Poland	Lack of information	
Portugal	Not supplied	
Russian Federation	Not supplied	
San Marino		Data not available
Slovakia		
Slovenia	80mio SIT or = 332,000 [US \$]	
Spain		
Sweden	This is part of the assessment for property tax purposes.	
Switzerland	Approx. 800,000 CHF	Approx. 300,000 CHF
Turkey		
United Kingdom		
<i>England & Wales</i>	No information available	
<i>Scotland</i>	£300,000 including investment	

Record and Determination of Land Use and Classification of Attributes

Section D

D12. Please list the main regulations or legislation under which land use recording is administered in your country:

Country	Main Regulations or Legislation Under Which Land Use Recording is Administered
Albania	
Armenia	<ol style="list-style-type: none"> 1. Land Code of ROA 2. Civil Code of ROA 3. Law on Land Tax of ROA 4. The Resolution of the Government, "On Regulation on Land Utilisation of State Owned Land in Administrative Territories of Urban and Rural Communities".
Austria	<p>Land Use: National Surveying law and related regulations</p> <p>Land Use Planning: Regional Planning laws</p>
Azerbaijan	Resolution No 34, Article 24.01, 1992 and No 239, Article 31.07, 1991
Belarus	Not supplied
Bosnia & Herzegovina	Zakono Iskoristavanju Poljoprivrednog Zemljista, Zakon o Sunana, Zakon o Gradevinskom Zemljistu (Agricultural Land Use, Law about Forest, Law about land for Building)
Bulgaria	
Canada	
<i>Alberta</i>	The Municipal Government Act
<i>British Columbia</i>	None supplied
<i>Manitoba</i>	The Municipal Act, The City of Winnipeg Act, The Planning Act, The Municipal Assessment Act
<i>Prince Edward Island</i>	This is a joint responsibility of the Province and the Municipalities
<i>Saskatchewan</i>	<p>The Planning and Development Act, 1983</p> <p>Urban Municipality Act</p> <p>Rural Municipality Act</p> <p>Northern Municipalities Act</p> <p>Parks Act</p>

Central Farm Land Regulations
 Meewasin Valley Authority Act
 Conservation Easements Act
 Wakamow Valley Authority Act
 Forest Resources Management Act
 Wildlife Habitat Lands Disposition and Alteration Act
 Water Corporation Act
 Conservation and Development Act
 Heritage Property Act
 Land Titles Act, 2000
 Various Municipal Zoning By Laws

- Croatia
1. Zakon o geodetskoj izmjeri i katastru zemljišta, (The Law of geodesy and cadastre)
 2. Zakon o katastru vodova (The Law of Cadastre of Public utilities)
 3. Zakon o građevinskom zemljištu, (The Law of Constructive Land)
 4. Zakon o građevini (The Law of Construction)
 5. Zakon o prostornom uređenju (The Law of Regional Planning)
 6. Pravilnik o katastarskom klasiranju zemljišta (Regulation of cadastral classification of the land)
 7. Zakon o zaštiti okoliša (The Law of Environmental Protection)
 8. Zakon o poljoprivrednom zemljištu, (The Law of Agricultural Land)
 9. Zakon o šumama. (The Law of the Forests)
 10. Zakon o pomorskoj dobru i vodnom dobru, lukama i pristaništima (The Law of the Water, Harbours and Piers)
 11. Zakon o cestama. (The Law of the roads)
 12. Zakon o zemljišnim knjigama (The Law of the Land Register)

Cyprus Town Planning Law and Regulations

Czech Republic Cadastral Act 344/1992 in amended wording, Regulations 190/1996 of the Czech Office for Surveying, Mapping and Cadastre.

Denmark The Law of Planning

Finland The Ministry of Agriculture and Forestry has given the task and needed money to the NLS.

France

Germany Construction and Planning Act (Federal)
 (“Baugesetzbuch”)

Greece MDGG 166D/6.3.1987 Categories and Land Use content
 MDGG 639B/19.7.1995 Technical Specification for the National Cadastre

D12. Please list the main regulations or legislation under which land use recording is administered in your country:

Country	Main Regulations or Legislation Under Which Land Use Recording is Administered
Hungary	<ul style="list-style-type: none"> • Act No. LV of 1994 on Cultivable Land (Land Law) • Government Decree No.184/1999(XII.13)Korm. on the detailed regulations of the registration of land use (by setting up and maintaining the Registry on Land Users at the Land Offices) • Order 105/1999(XII.22) FVM on the detailed regulations of land classification • Parliament's Resolution No. 35/1998(III.20.)OGY(Parliament) on the National Regional Development Concept
Iceland	The Law of Registration and Valuation of Real Properties nr. 94/1976
Ireland	
Italy	No information Supplied
Latvia	Regulations of National Real Estate Cadastre Regulations on real estate valuation Regulations on classification of Land Use purposes
Liechtenstein	No information Supplied
Lithuania	Law on Real Property Cadastre, No. VIII1764, 2000 Law on Land I-446, 1994. Regulations on the Real Property Cadastre, No. 316, 1998 Law on Territorial Planning No I-1120 (1995), as amended by No. VIII – 435 (07/10/1997)
Luxembourg	Not supplied
FYRO Macedonia	Law for Land Surveying Cadastre and Real Estate Rights Inscription
Malta	National Development planning legislation.
Republic of Moldova	Law on Land Cadastre. Regulation on Content of Cadastral Documentation
Netherlands	No specific legislation. Task of a government research institute. EU directives.
Norway	No specific legislation. Land use only registered as an integrated part of the general mapping programme in scale 1:500, Mapping scale shall be 1:5000/1:10000

Poland	<ol style="list-style-type: none"> 1. Ordinance of the Ministers of Physical Planning and Construction and Agriculture and Food Economy of 17 December 1996 in the matter of Land and Building Registry 2. Ordinance of the Council of Ministers from June 9, 1956 in the matter of land classification.
Portugal	Not supplied
Russian Federation	Not supplied
San Marino	Decree n.30 of 27th November, 1952 and Decree n.31 of 24th August, 1953
Slovakia	Not supplied
Slovenia	Law on Agriculture (Official Gazzette of the Republic of Slovenia No. 54/2000)
Spain	Ley del suelo y ordenación urbana
Sweden	Fastighetstaxeringslagen (Property Tax Act) and, to a lesser extent, Plan - och bygglagen (plan and building Act).
Switzerland	<p>Decision of the Federal Council (February 1982)</p> <p>Federal Statistical Law of August 1993</p> <p>Ordinance of the statistical surveys accompanying above laws</p>
Turkey	Not supplied
United Kingdom	
<i>England & Wales</i>	There are none which cover all land uses. The Agricultural Census is collected under the Agricultural Statistics Act 1979 (amended 1984)
<i>Scotland</i>	<p>Land Cover of Scotland (LCS88)</p> <p>None related to general land use. The UK Forestry Commission are required to conduct a census of woodland, approximately every 15 years. This is being changed into a rolling programme of inventory. Agricultural land is recorded in two ways:</p> <ol style="list-style-type: none"> 1. IACS (Integrated Agricultural Control System) which is a monitoring required of agricultural land, the results of which are confidential. 2. Agricultural Census and Statistics – a six monthly statistical survey of farms to provide economic data and some information on land areas under crops and grazing land.

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