

SURVEY “GENERAL INFORMATION ABOUT REQUIREMENTS FOR LAND SURVEYORS ACTIVITIES”

Background

In order to get a better understanding about available organisational and legal frameworks in other countries corresponding to activities of land surveyors National Land Service under the Ministry of Agriculture of Lithuania completed the survey at summer 2005. The report represents information that has been compiled from numerous contributions and available online documents contributing organisations or individuals. It is provided solely for informational purposes and is not to be construed as providing endorsements, representations or warranties of any kind whatsoever. Information provided is made as of the date of the source document or interviews and is subject to change without notice.

Country	Surveyors: private /public	Availability of Surveyors' Law	Availability of a Chamber of Surveyors	Qualification requirements	Licensing	Comments
Austria	Private and public	No	Yes, four Chambers of Architects and Engineers	High education + 3years practice	Individuals are granted a license. Operate as juridical persons establishing personal enterprises or Ltd that have at least 1 licensed surveyor.	In order to apply for a license a surveyor should be a member of one of 4 Chambers.
Belgium	Private	Yes	No, only two public associations: "L'Union Belge des Géometres-Experts Immobiliers.(UBG)" and "Fédération Royale des Géometres-Experts Indépendants"	Requirements for the diploma (geodetic engineer or geodetic expert) + practice.	Individuals are granted a license. Two types of the license: cadastral measurement (a surveyor) and legal validation (an expert)	

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Czech Republic	Private	Yes, Surveying Law	Yes, but not at the same level as the Chamber of Notaries Activities are stipulated in the Surveying Law.	High education + 5 years practice or university education + 3 years practice. Foreigners can apply for the activity.	Individuals obtain certificates, juridical persons – licenses (requirement for the license – at least one certified surveyor). Two types of certificates: surveyor or the surveyors that accepts cadastral measurements.	Cadastral measurements can accept only the "upper level" surveyor, for which university education + 5 years practice is required.
Denmar k	Private and public	Yes	No, only an association	High education + 3 years continue practice.	Individuals obtain a license. The license could be: for personal activities and for surveyors in the State service.	Surveyors are regulated by Tribunal of Surveyors, which consists of representatives from the Buildings Ministry, National Land Service and private sector.
Estonia	Private	No	No, only an association	High or university education + practice.	Individuals obtain a license. The operate on the market within juridical persons (personal enterprises, Ltd.)	National Land Service grants licenses.
Cyprus	Public	No	No	-	Individuals obtain certificates and operate within the public institution.	Surveyors are regulated by National Land Service's regulations.
Croatia	Private	No, but Law concerning the Chamber of Architects and Engineers is available.	Yes, but the Chamber of Architects and Engineers.	High education of architecture or engineering.	Individuals obtain certificates, juridical persons – licenses.	Activities of surveyors are described in the Law of Cadastre and Geodesy.
Israel	Private	No	Yes	High education + practice.	Individuals obtain licenses, which are authorised by the public institution.	Surveyors are regulated by orders of the Director of the National Land Service.

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Spain	Private	Yes	Yes, "Colegio Oficial de Ingenieros Tecnicos en Topografia"	High education + practice	Individuals obtain licenses. Operate as juridical persons (personal enterprises or Ltd) that have least one licensed surveyor	Only an insured member of the Colegio. The Colegio provides indicative prices for cadastral measurements..
Italy	Private	Yes	Yes, Counsel of Surveyors (Consiglio Nazionale Geometri)	High education + 2 years practice in the field of geodesy and architecture; alternatively – 5 years practice in construction.	Individuals obtain certificates. Operate as juridical persons (personal enterprises or Ltd) that have least one certified surveyor	
UK	Private	No	Yes, The Royal Institution of Chartered Surveyors	High or university education + 2 years practise (and exam)	Individuals obtain licenses. Operate as juridical persons (personal enterprises or Ltd) that have least one licensed surveyor.	RICS executes arbitrary functions (evaluate surveyors activities), cares about improvement of qualification. RICS does not regulate market related activities.
Canada (Quebec State.)	Private	No	Yes, l'Ordre des arpenteurs-géomètres	High education (no less than designated amount of credits) + 3 years practice (continue activity not less than 6 months), examination (including French language)	Individuals obtain licenses. Operate as juridical persons (personal enterprises or Ltd) that have least one licensed surveyor	
Latvia	Private	No	No, only an association	High or university education + 3 years practise	Individuals obtain certificates, which are designated by the Surveyors Association, juridical persons obtain license, that are granted by the National Land Service	Activities of surveyors are stipulated in the Law of land Reform and the Conception of development of Cartography.

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Country	Surveyors: private/public	Availability of Surveyors' Law	Availability of a Chamber of Surveyors	Qualification requirements	Licensing	Comments
Lithuania	Private	No	No, associations only	High or university education in geodesy, cartography, real estate + technical equipment.	Juridical persons obtain licenses.	Activities of surveyors are stipulated in the Law on real Estate Cadastre and the Law on Geodesy and Cartography. National Land Service grants licenses.
Luxembourg	Private	Yes	Yes, L'Ordre Luxembourgeois des Géomètres	High education in geodesy + 2 years practice	Individuals obtain certificates. Operate as juridical persons (personal enterprises or Ltd) that have least one certified surveyor	
New Zealand	Private	No	Yes, but The Chamber of Architects and Engineers.	Special or high education (depending to speciality) + 2 years practice.	Individuals obtain licenses. Operate as juridical persons (personal enterprises or Ltd) that have least one licensed surveyor	There are 6 types of membership in the Chamber.
The Netherlands	Public	No	No	Requirements are stipulated in the Law on Cadastre.	Individuals obtain certificates and operate within the public institution.	Surveyors are regulated by National Land Service's regulations
France	Private	Yes (dated 1946.05.07)	Yes, L'Ordre des géomètres-experts	Diploma of certain specialities + 2 years practise.	Individuals obtain licenses. There are two types of license: for technical measurements (surveyor) and for legal validation (Surveyors expert)	
Portugal	Private	No	No, an association only	-	License for juridical person.	

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Country	Surveyors: private/public	Availability of Surveyors' Law	Availability of a Chamber of Surveyors	Qualification requirements	Licensing	Comments
Slovak Republic	Private	No, but there is Law for the Chamber of Surveyors and Cartographers	Yes, the Chamber of Surveyors and Cartographers	University education in geodesy and cartography disciplines	Individuals obtain certificates. Operate as juridical persons (personal enterprises or Ltd) that have least one certified surveyor	The official authorisation of cadastral measurements should be approved by the public institution or the person with higher level certificate.
Finland	Public	No	No, an association only	Requirements are stipulated in the Law on Cadastre	Individuals obtain certificates and operate within the public institution	Surveyors are regulated by National Land Service's regulations.
Switzerland	Private	No	No, an association only	High education + 2 years practise	Individuals obtain licenses. Operate as juridical persons (personal enterprises or Ltd) that have least one licensed surveyor.	Federal and regional laws describe activities of surveyors on geodesy and cartography. Surveyors should operate depending to requirements of the region. Surveyor should be covered by an insurance against to a loss to third parties.
Sweden	Public	No	No	-	Individuals obtain certificates and operate within the public institution	Surveyors are regulated by National Land Service's (Landmateriet) regulations.

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Germany	Private and public	No	No, associations only (Deutscher Verein für Vermessung Swesen, Öffentlich bestellter Vermessungsingenieur, Bund der Öffentlich Bestellten Vermessungsingenieure)	Private surveyor – High education + 2 years practise. State authorised surveyor should have not less than 1,5 years practise working in the State institution and to pass an examination.	Individuals obtain certificates. There are two types of certificates: "surveyor" and State authorised surveyor.	Certificates grant permission to operate within certain federal state (Land. Federal or regional administrations provide certificates. Prices for cadastral surveying are regulated.

Sources for the information:

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- "La formation en vue du brevet fédéral d'ingénieur géomètre", 2004, J-P. Miserez
- Interviews: D. Steudler, J-P. Miserez (Swisstopo, Switzerland), C. Luzet, N.Land (EuroGeographics), P.Laaraken (Kadaster, Olandija), N.Niksova (Authority of Geodesy, Cartography and Cadastre, Slovak Republic), W.Quinn (Regulatory, Land Information, N. Zelandija), B.Kjelsson (Landmateriet, Sweden), Ž.Bačić (State Geodetic Administration, Croatia), R.Terrens (Administration for Cadastre and Topography, Luxembourg), N.Abols (Latvijas Republikas Valsts zemes dienests, Latvia), K.Kangur (Maaamet, Estonia).

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