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Professional Practice

Cadastral work, or surveying for legal purpose, in Ben-rensed surveyors in physic ensed surveyors in physic or the surveyors after they-have completed a university degree, M.S. in Surveying, Planning and Land Manage-ment and worked for a sur-veyor in private practice for three years. There are about employing about 300 survey-ors in total. When land is to be par-celled out or a property boundary changed, landown-ers must apply to a surveyor in private practice for a legal survey and the preparation of application to the National survey and the preparation of application includes to addarts for the cadastre to be updated. This application includes datastra to be updated. This application includes and approvals in accordance with planning and land-use regulations. Cadastral work, accounts for about 40% of the progenering surveying (20%), mapping (10%) and land-use wapport private practice per-form the role of consultants in this field and have trad-tonally epitomized the Danish surveyors.

Professional Education

Surveyors can only obtain their education at the Uni-versity of Aalborg as a five-year course of study for a M.S.: In Surveying, Planning and Land Management. About 30 students graduate each year. The education is based on problem-oriented project work, supported by lecture courses to instruct them in necessary disciplines and theories.



In Dermark all rational registers of property data these registers are formed by these registers are formed by the series of the surveyors.

Spatial Information Management

The GIS and Spatial Informa-tion Management represent a growing challenge to the surveying profession, as well as to public administration in general.

Hydrography

Hydrographic surveys in Dan-ish waters are carried out by Navy personnel who are edu-cated and trained while serv-ing in the Navy. Only a few civilian surveyors are involved in this field of activity, e.g. offshore and harbour con-struction.

offshore and harbour con-struction. Hydrographic surveying is supervised by the Royal Dan-ish Administration of Naviga-tion and Hydrography at the Ministry of Defense.



Compilation and produc-tion of nautical charts is car-ried out by the National Sur-Ministry of Housing. The chart portfolio covers the waters around Demmark, the Farce Islands and Greenland, and contains about 170 charts in scales ranging from 1:10,000 to 1:3,000,000, as well as re-lated nautical publications.

Positioning and Measurement

Surveying and mapping in Denmark is characterized by the widespread use of modern technology such as GPS, total stations, digital theodolites, automatic plotting tables and IT systems etc.



The use of digital maps, produced by photogramme-try, began in the 1980' during the introduction of the natu-ral gas system to all parts of the country & 1993 the entire country was covered by large-scale topographic digital maps. Digital registration for the utilities and updating of spa-tial databases for regional and local authorities are all impo-tant tasks for the surveyors.

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