Land Administration Systems
-a major challenge for the surveying profession

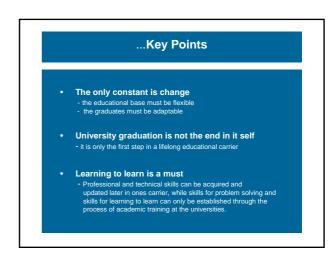
Prof. Stig Enemark

Department of Development and Planning
Aalborg, University, Denmark

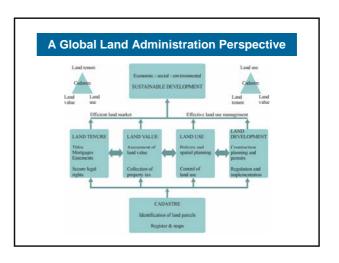
XVIII SURVEYING AND MAPPING EDUCATORS CONFERENCE
PENN STATE UNIVERSITY, 15-19 JULY 2001

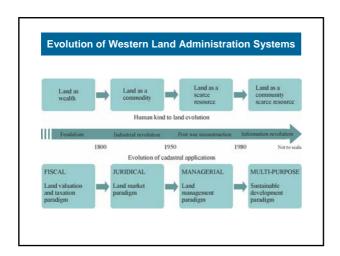


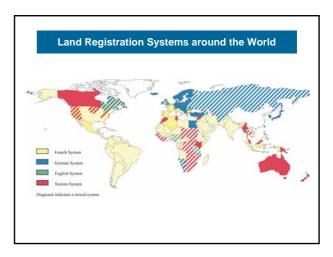
Key Points... The humankind to land relationship is dynamic and so is the role of the cadastral systems Cadastral systems are not end in themselves they facilitate development of efficient land markets and effective land use management from both an economic and environmental perspective towards sustainable development. Surveying education must be interdisciplinary and provide skills for management and problem solving



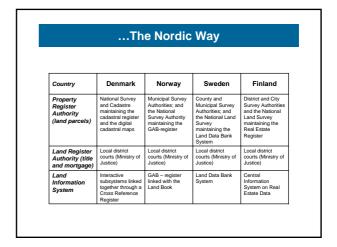
The Global Challenges Technology development GPS, GIS, Internet Micro-economic reform privatisation, decentralisation, downsizing, quality assurance Globalisation from local to global events in one part of the world impact on people in other parts of the world Sustainable development developments that effectively incorporates economic, social and environmental concerns in decision-making meet the needs of the present without compromising the ability of future generations to meet their own needs







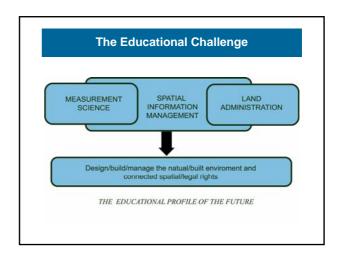
The Nordic Way... Sweden Country Denmark Norway Finland 324,000 sq. Km Area 43.000 sg. Km 450.000 sa. km 337.000 sg. Km Area Population About 1.5 mill About 2 mill About 3 mill Properties about 2 mill National Survey and Cadastre under the Minist of Housing cadastral authority

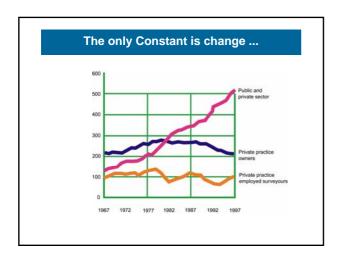


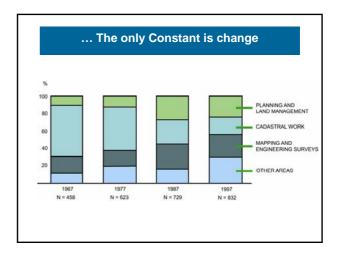




...International Trends in Surveying Education • Virtual Academy - versus classroom lecture courses from traditional on-campus activities to a more open role of serving the profession and the society • Lifelong Learning - versus vocational training from learning for life through university graduation to lifelong learning through CPD-strategies and distance learning







Project-organised Education Taught courses assisted by actual practice is replaced by project-work assisted by courses. From description and analysing to synthesising and assessment.

- Professional and technical skills can be acquired and updated later in ones carrier, while skills for problem solving and skills for learning to learn can only be established through the process of academic training at the universities.



