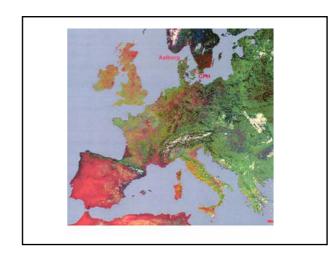
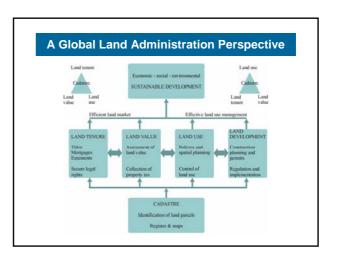
Land Administration and Education Prof. Stig Enemark Department of Development and Planning Aalborg, University, Denmark

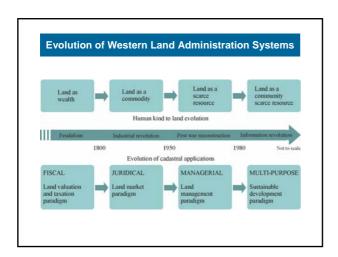


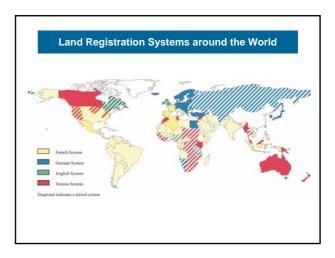
Key Points... The humankind to land relationship is dynamic - and so is the role of the cadastral systems Cadastral systems are not end in themselves - they facilitate development of efficient land markets and effective land use management from both an economic and environmental perspective towards sustainable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



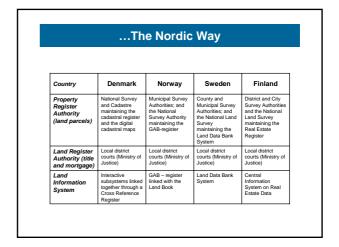
The Global Challenges • Technology development - GPS, GIS, Internet • Micro-economic reform - privatisation, decentralisation, downsizing, quality assurance • Globalisation - from local to global - events in one part of the world impact on people in other parts of the world • Sustainable development - 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

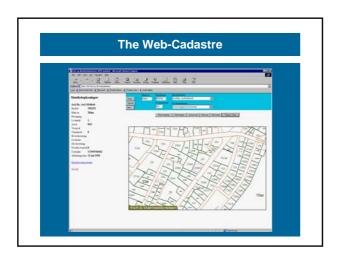


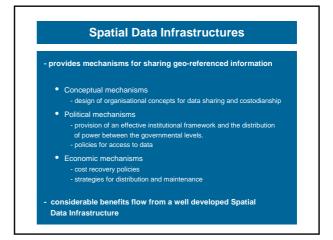


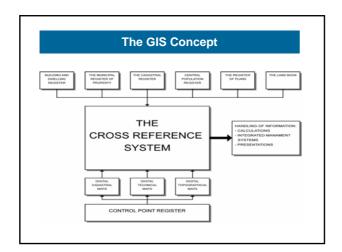


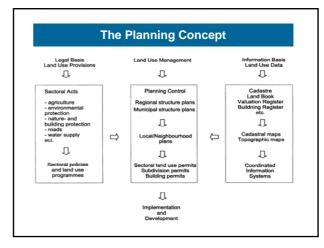
The Nordic Way... Country Denmark Norway Sweden Finland Area 43.000 sg. Km 324.000 sa. Km 450.000 sg. km 337.000 sg. Km Population About 1.5 mill About 3 mill Properties About 2 mill about 2 mill National Survey and Cadastre under the Minist of Housing cadastral authority











International Trends
in Surveying Education...

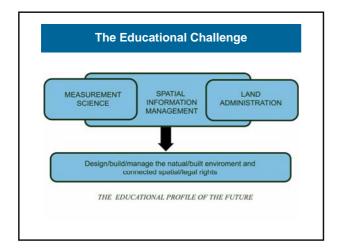
• Management Skills - versus specialist skills
from traditional technical skills and push button technologies
to interpretation and management of data meeting the needs
of the clients

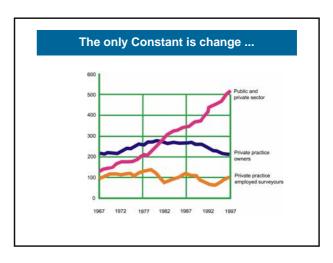
• Project Organised Education - versus subject based
from traditional technical skills (knowing how)
add-on approach
to management and problem solving skills
(knowing why)
focus on "learning to learn"

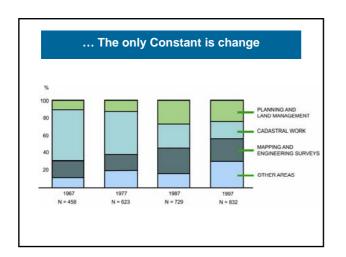
...International Trends in Surveying Education

• 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

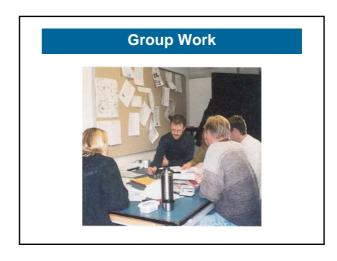


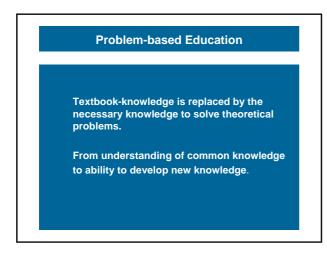


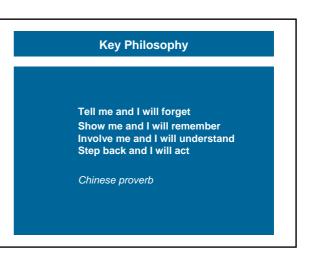


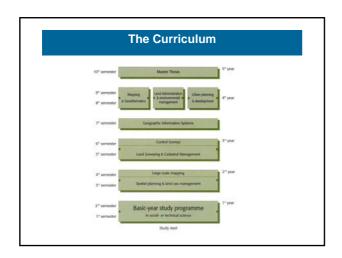
Project-organised Education Taught courses assisted by actual practice is replaced by project-work assisted by courses. From description and analysing to synthesising and assessment.

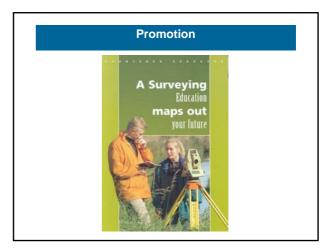
Learning to Learn - Professional and technical skills can be acquired and updated later in ones career, while skills for problem solving and skills for learning to learn can only be established through the process of academic training at the universities.

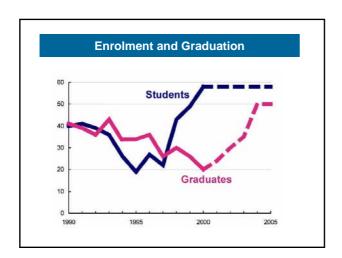


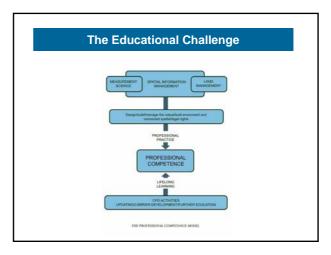












University Provision of CPD

 Short term just-in-time training
 all costs paid

 Open education
 Graduate surveyors/engineers
 One year course, part time (two years)
 Distance learning + 5 week-end seminars
 Master degree, Master of technology Management
 subsidised by the state

 Lifelong learning
 Faculty concept
 One week programme each year (end of August)
 Free of costs



