

Surveying the Surveying Profession

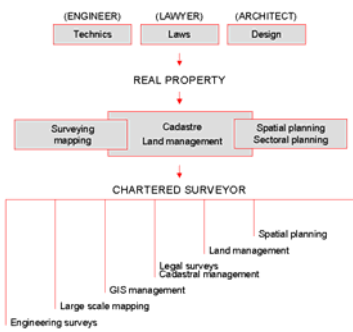
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FIG XXII International Congress
 Washington, 19-26 April 2002

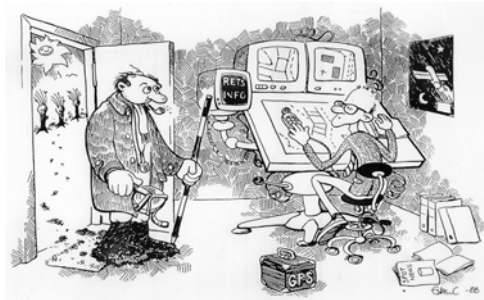
The Surveyors Profile



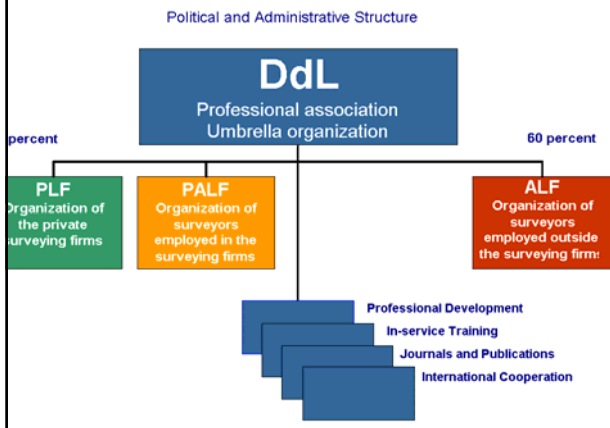
A Managerial and Interdisciplinary Approach



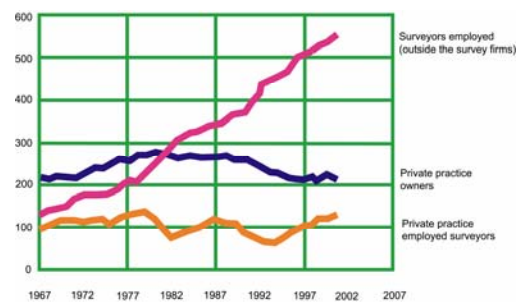
Yesterday, Today and Tomorrow



The Danish Association of Chartered Surveyors



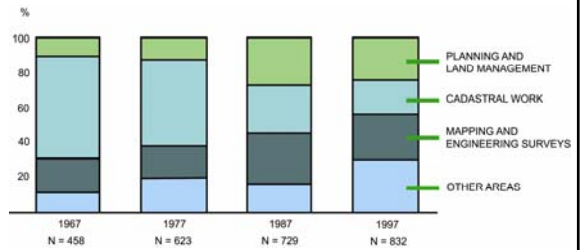
The only Constant is change ...



The Surveyors outside the Surveying Firms

	1967	1977	1987	1997	2002
State Agencies and National Authorities	90	115	108	155	150
County Municipal Authorities	32	70	123	220	258
Private comp. (not surveying firms)	5	19	119	140	150
Total	127	204	350	515	558

... The only Constant is change



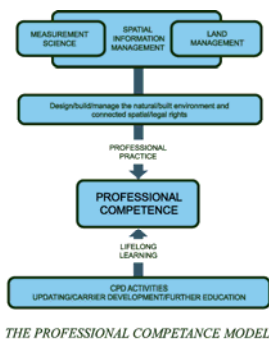
The Private Surveying Firms

Private surveying firms	1987	1997	2002
1-3 surveyors	137	94	83
More than 3 surveyors	23	24	22
Total	160	118	105

Surveyors in the Firms

Surveyors in the firms	1987	1997	2002
1-3 surveyors	224	148	129
More than 3 surveyors	155	169	172
Total	379	317	301

Enhancing Professional Competence



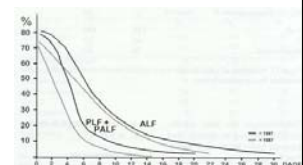
CPD Activities

CPD concept adopted 1995
40 hours per year

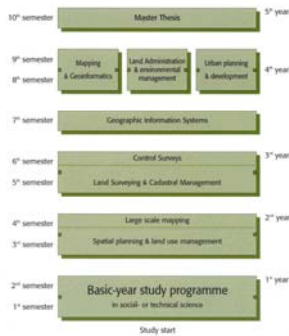
80 % attended CPD activities in 1997

In average the surveyors spent six days on CPD activities in 1997

public sector 8 days
private sector 6 days
surveying firms 5 days



Adapting the Curriculum



Please distribute your total working hours in percentage on the main grouping and then tick the areas to indicate your main professional areas of work.

Indicate %	Tick
<input type="checkbox"/> %	<input type="checkbox"/>
SPATIAL PLANNING	
	National planning
	Regional planning
	Municipal planning
	Local planning
<input type="checkbox"/> %	<input type="checkbox"/>
SECTORAL PLANNING AND LAND MANAGEMENT	
	Nature protection, raw materials
	Agriculture and land consolidation
	Environmental protection and water resources
	Roads
	Utilities
	Other
<input type="checkbox"/> %	<input type="checkbox"/>
LAND ADMINISTRATION	
	Zoning
	Agricultural holdings
	Building permits
	Compulsory purchase, taxation
	Declarations, property administration
<input type="checkbox"/> %	<input type="checkbox"/>
CADASTRAL MANAGEMENT (incl. strata titles)	
<input type="checkbox"/> %	<input type="checkbox"/>
CADASTRAL SURVEYS AND CALCULATIONS	
<input type="checkbox"/> %	<input type="checkbox"/>
MAPPING	
	Topographic mapping (on the ground)
	Photogrammetric mapping
	Mapping administration
	GIS (development and management)
<input type="checkbox"/> %	<input type="checkbox"/>
ENGINEERING SURVEYS	
	Buildings
	Roads
	Utilities
	Other engineering surveys
<input type="checkbox"/> %	<input type="checkbox"/>
OTHER: (pure management/development/IT)	
<input type="checkbox"/> %	<input type="checkbox"/>
<input type="checkbox"/> %	Indicate category

Answering percentage

81 %

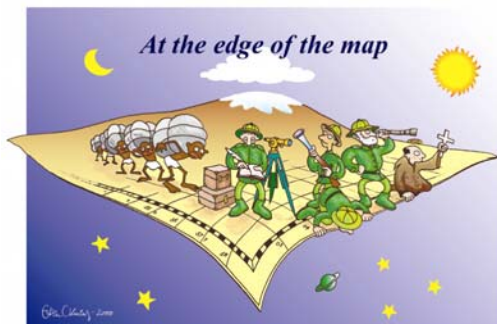
Strategic Professional Development

- **A two day seminar**
 - Facing the challenges, where are we heading, actions needed
- **The profession is walking on two legs**
 - Surveying practice (the perception of the profession)
 - Land and Spatial Information Management, IT-development
- **Still a unified profession**
 - but the profiles become still more diverse
- **Adapting the curriculum**
 - General management, business and property economics are increasing areas

Conclusions

- **Key tasks for the surveying associations**
 - Serving the members, improving the structural conditions
- **Surveying the surveying profession**
 - A basic tool for strategic professional development
 - A backbone for the profession itself
- **The only constant is change**
 - Monitoring the change - managing the change

At the edge of the map



Facing the new world

