

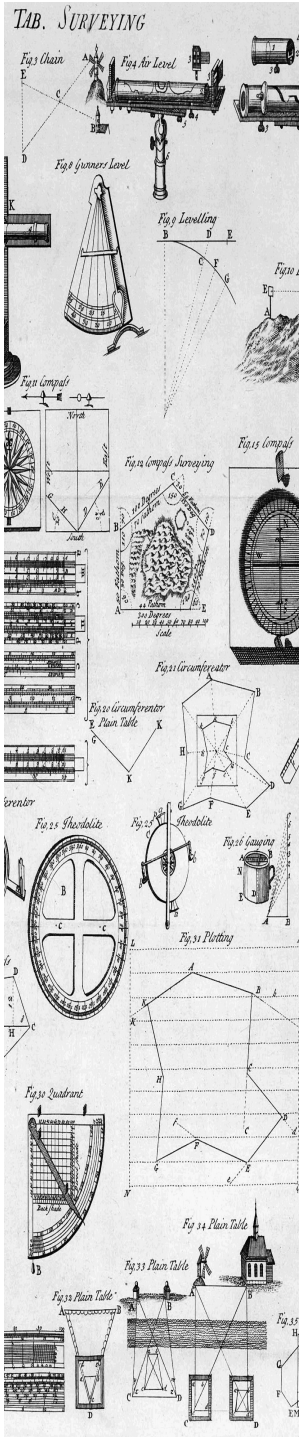
Surveying in Latvia

Latvian Surveyors Association

Elita Baklāne

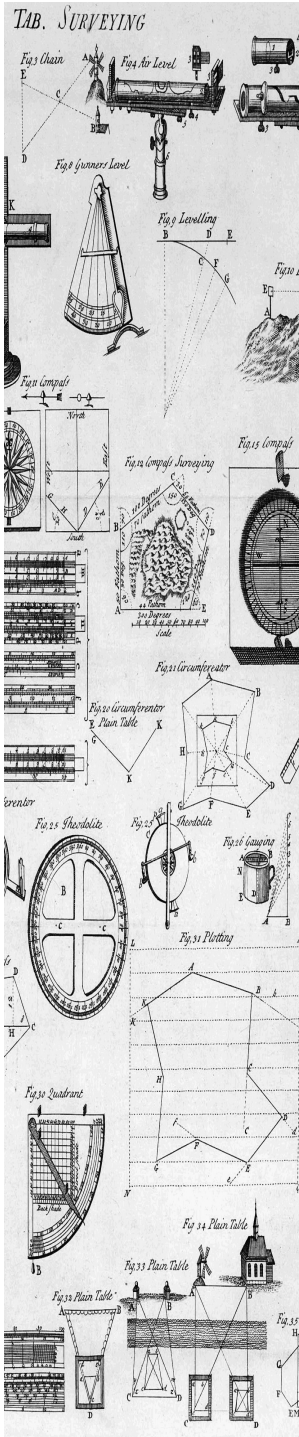
Board member of Latvian Surveyors Association,
Chairperson of the board of State Ltd "Latvia State Surveyor"

General Assembly of CLGE
Strasbourg, France, 19 September 2008



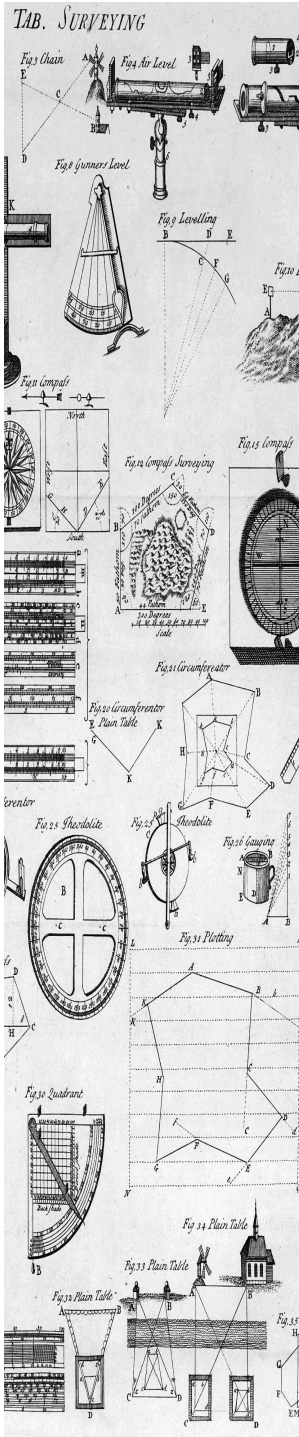
Surveying in Latvia: legislative framework

- 2008-2010 is **transition period** from system of licensing to system of professional certification when companies continue work on license basis until December 2009. Starting January 2010 only professional certificate will be basis to work
- New regulations for land use and cadastral surveying work were approved in 2006-2007
- Regulations for geodesy, photogrammetry, topography and cartography is in stage of development (law of Geodesy and Cartography since 2000, but it hasnot been finished yet)



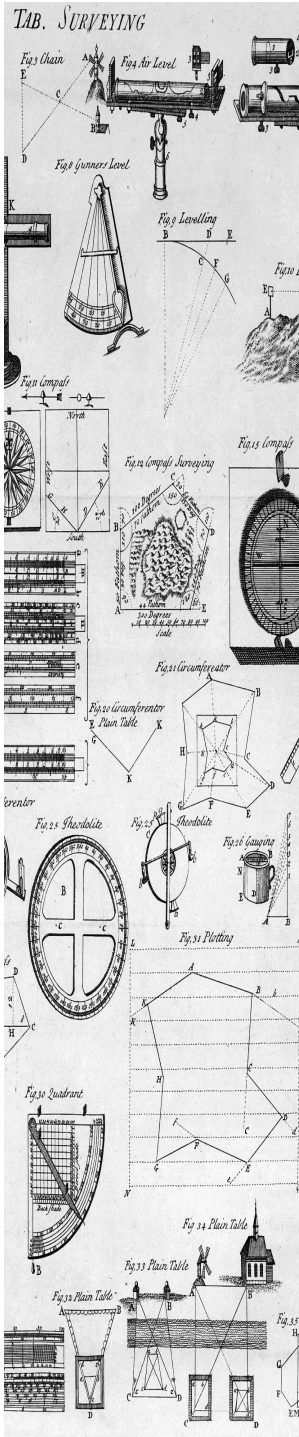
Surveying in Latvia: economical situation

- Flying development period until 2007
 - land reform and land privatization process started in 1992. Since that moment until 2007 the demand for cadastral surveying services exceeded supply
 - rapid development in building and construction industry until 2007
- Decreasing demand in 2008
 - land reform and land privatisation process is drawing to the end
 - Economical stagnation and crises in real estate market since 2007



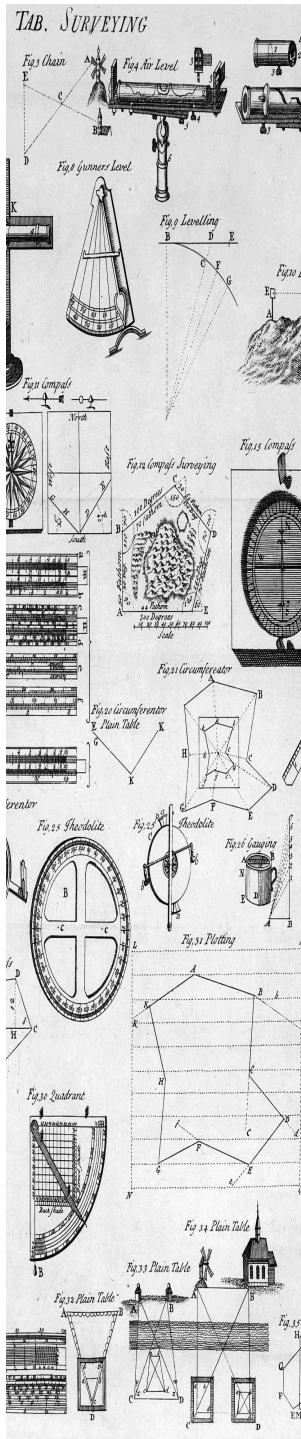
Surveying in Latvia: economical situation

- State Land Service provided surveying (mostly - cadastral) and mapping services until 2005. In the result of reorganization since 2006 surveying function was delegated to **private sector** and to newly established State Limited Company "Latvia State Surveyor"
- Previous liberal licensing policy and poor supervision has lead to fragmentation of service providing
- ~ **160** companies provide different surveying services
- Only 24 enterprises are with more than 10 employees:
 - 18 enterprises with 11 - 30 employees;
 - 4 enterprises with 30-50 employees
 - 2 enterprises with more than 200 employees
- 2 biggest companies carry out more than 50% of all cadastral surveying work



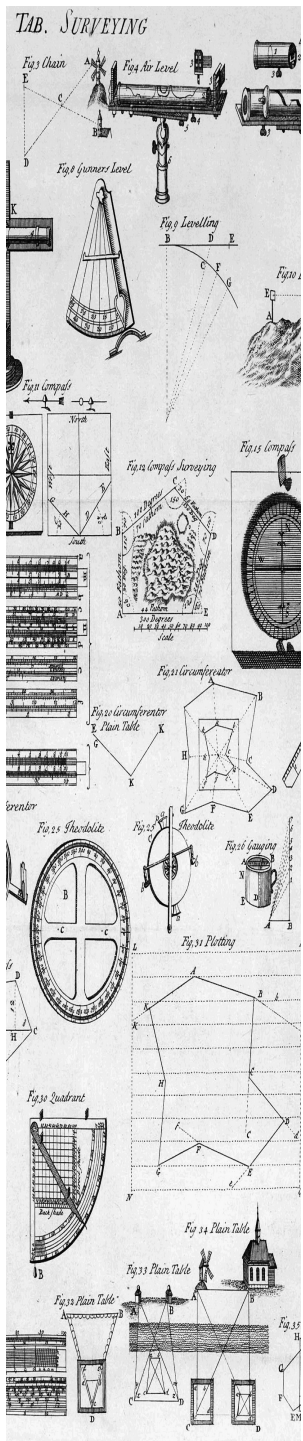
Latvian Surveyors Association

- LSA is professional non-governmental organization of surveyors and specialists working in surveying sector
- LSA was established in 1920 and became member of FIG in 1926. After interruption during Soviet occupation LSA resumed its activities in 1988, membership in FIG was restored on 1993
- The main objectives of LSA:
 - promote technical and scientific development of surveying
 - improve professional knowledge of its members
 - represent professional and social interests surveyors
 - popularize professions of geodesist and surveyor

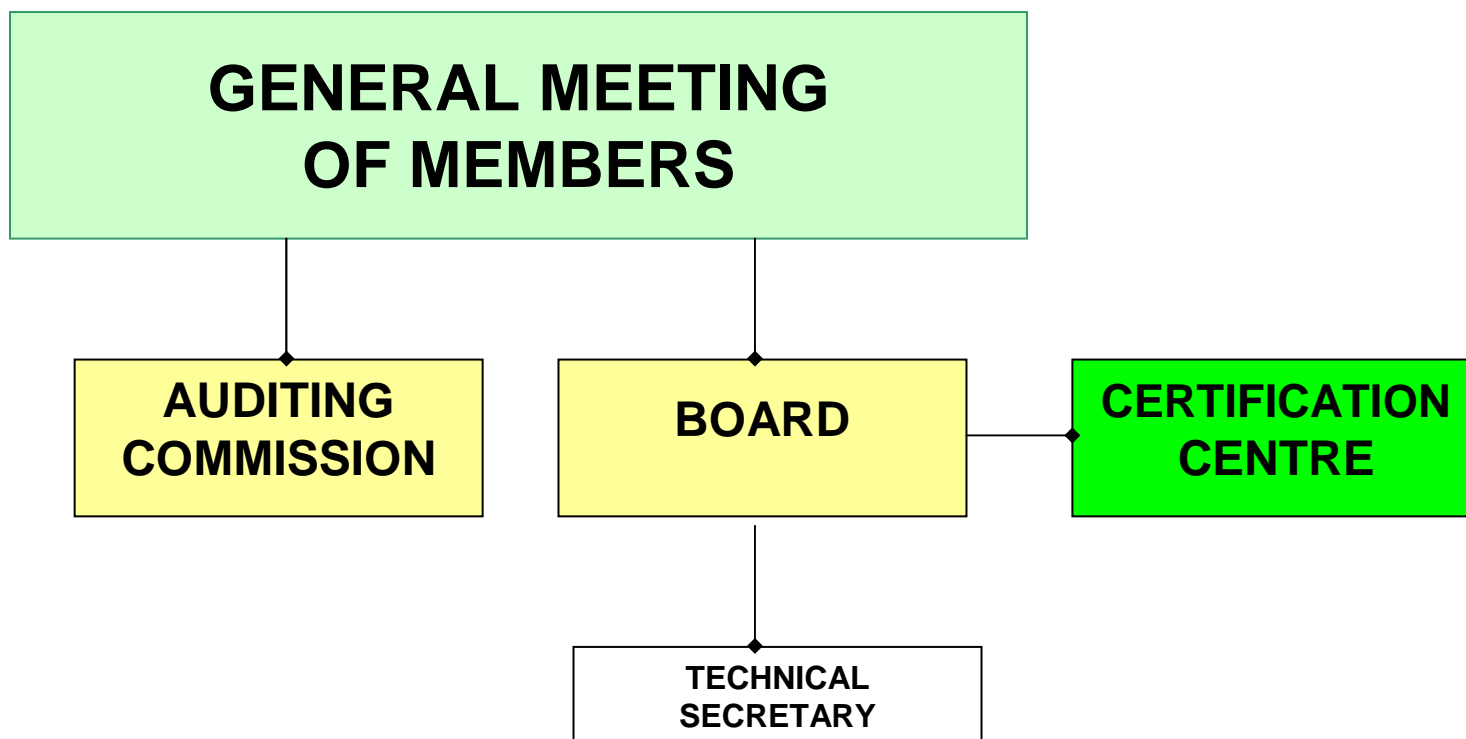


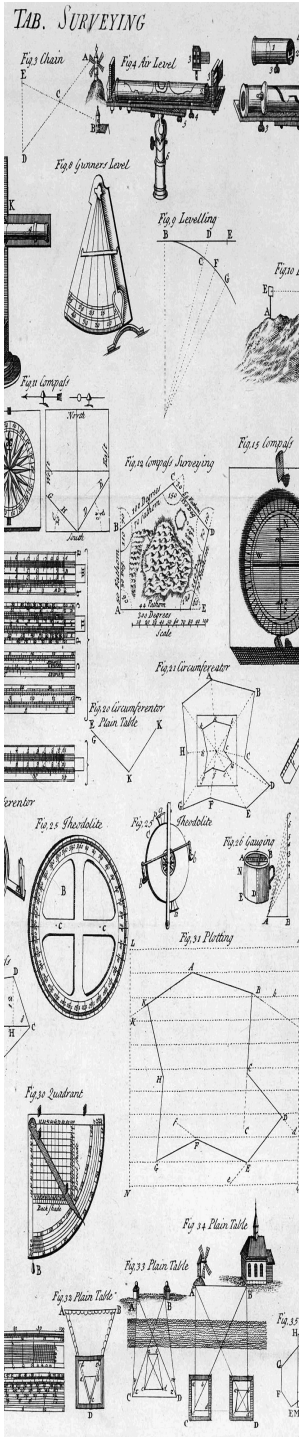
Latvian Surveyors Association: Members

- Until 2005 LSA united only physical persons
- To strengthen the organization and its lobbying resources General Meeting of members made decision to establish 2 categories of membership – physical and juridical persons.
- Members of LSA are individuals and enterprises whose professional activities are related to geodetic, cadastral, topographical and cartographical works:
 - **173 individuals**
 - **14 enterprises** (which together represent more than **600** surveyors)



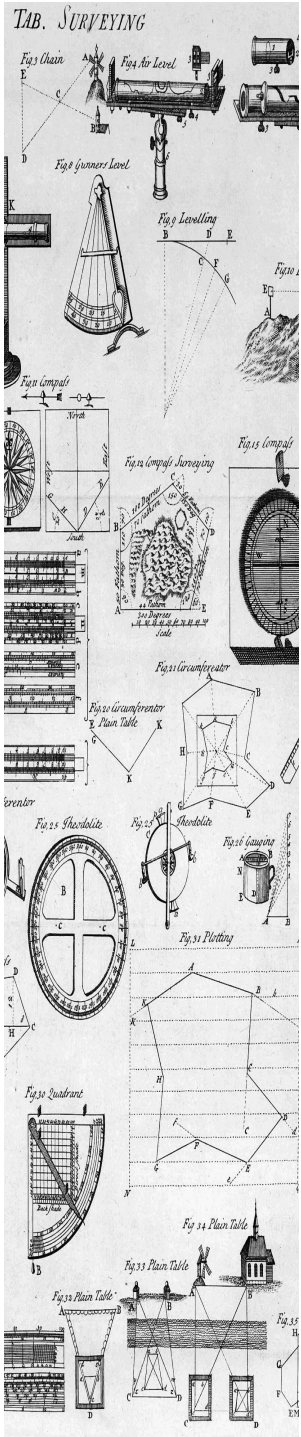
Latvian Surveyors Association: Structure





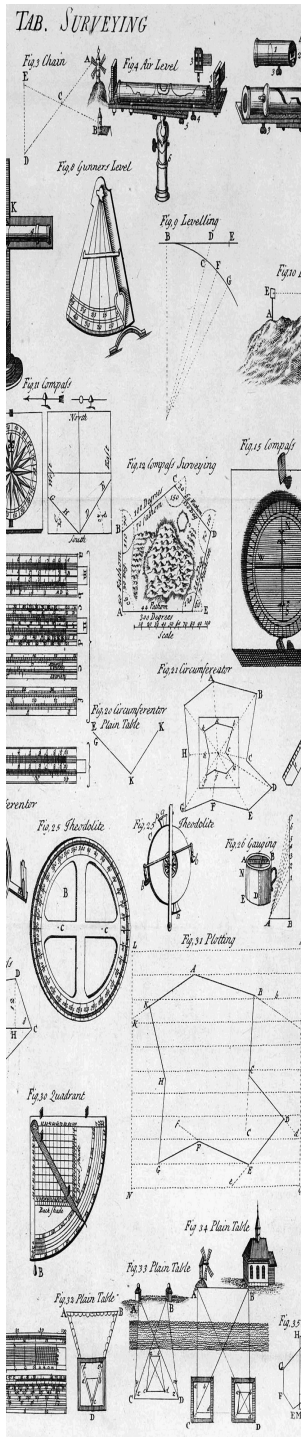
Latvian Surveyors Association: Current tasks and activities

1. Implementation of surveyors professional **certification system**
2. Participation in **drafting** of **legislation** for geodesy and topography – law of Geodesy and Cartography, other government regulations and instructions
3. Establishing the Certified surveyors **supervision system** and inspection process of surveyors professional work
4. Approving **CAD standard** which is worked out by LSA and partners in Latvian Standardization Commission
5. Organizing seminars, conferences, workshops, training courses for members, provide consultations
6. Activate participation in international professional organizations
7. Organizing social activities of surveyors society



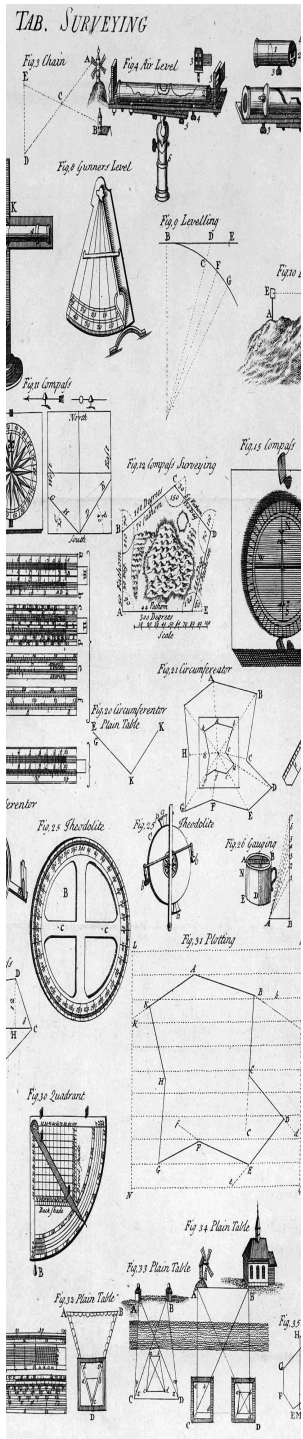
Latvian Surveyors Association: Certification Center

- Established in 2005 as structural unit of LSA
- Accredited in The Latvian National Accreditation Bureau (Certificate Nr. S3-376) in July **2008**
- Certification Centre organizes examination of professional knowledge and **issues 5 kind of certificates:**
 1. land use planner (land management)
 2. cadastral surveyor
 3. topographer
 4. engineering surveyor
 5. geodesist



Education in surveying in Latvia

| | Latvia University of Agricultural | Riga Technical University |
|----------------------------|---|---|
| 1st level higher education | <p>3-year academic bachelor program in land surveying with engineering bachelor degree in land use planning and surveying</p> <p>5-year professional program in land surveying with engineer degree</p> | <p>3-year bachelor program in geomatics with engineering bachelor degree in civil engineering</p> |
| Post graduate studies | <p>2-year master's program in land use planning with MSc engineering degree</p> | <p>2-year master's program in geomatics with MSc engineering degree in civil engineering</p> |



*Thank you for your attention
and the invitation to join CLGE!*

