Official German Surveying and Mapping
- Cooperation between the public and the private sector -

The German Way

Australia – no longer down under -
Australia no longer down under, but Germany

Europe and Germany

Europe
Area: 10.2 mill. sqkm
Inhabitants: 700 mill.
Europe
Area: 10,2 mill. sqkm
Inhabitants: 700 mill.
EU Europe
Area: 4,3 mill. sqkm
Inhabitants: 500 mill.

Germany
Federal Republic of Germany consists of 16 states („Länder“)
Capital: Berlin
Area 357.023 sqkm
Inhabitants 82,5 mio.
Lower Saxony (capital Hannover)
Bavaria (capital Munich)
Official Surveying and Mapping in Germany

- Official surveying and mapping belongs to the responsibilities of the 16 states, not to the federal level
- State Survey and Real Estate Cadastre in one authority, but different organisational structures
- The private sector – publicly appointed surveyors - is involved in cadastral surveys in 15 states (except Bavaria)
Official Surveying and Mapping in Germany

The administrations belong to different ministries:

- Interior (8)
- Finance (1)
- Economy, Traffic (1)
- Land Development, Traffic (1)
- Environment (1)
- Rural Affairs (1)
- Urban Development (in the 3 city states)

Some figures

- Parcels: 64.5 mill.
- Regional cadastral and ca. 250 geoinformation offices
  (on average 325,000 inhabitants, 1,400 km², 245,000 parcels per cadastral office)
- State survey offices 16
- Number of staff ca. 25,000

Federal authorities

- Federal Agency for Cartography and Geodesy (BKG)
- Bundeswehr Geoinformation Office (BGIO)
- Federal Waterways Administration
AdV – an umbrella organisation on voluntary basis since 62 years

Organisation of AdV

- **Plenum**
- **AdV President** changes every 2 years
- **Task Force PRM**
- **Management**
  - The business office is set up in one federal state
- **Working groups**
  - Spatial reference
  - Real estate cadastre
  - Geo-topography
  - Information and communication technology
Tasks and Responsibilities of AdV

- Recommendations, guidelines and binding regulations for state survey and real estate cadastre in Germany
  - N.B. All decisions of AdV are recommendations and have to be transposed into state laws
- Co-ordination of state overlapping projects
- Co-operation in research, development and application of technical methods and procedures
- Representation of official surveying and mapping of the states of Germany in international organisations and co-operation at international level

Private Sector – publicly appointed (1)

- Publicly appointed surveyors in 15 states.
- The institution of a publicly appointed surveyor is regulated by state laws.
- The license is given by the government of a federal state to an individual, not to a company and is valid only for that one state (comparable with the regulations for civil servants).
- Although the publicly appointed surveyor is a freelancer, he/she is part of the official surveying and mapping of that state. Mostly he/she is working in the field of cadastral surveys.
- Same scale of fees as the public sector to avoid unfair competition.
Private Sector – publicly appointed (2)

- The publicly appointed surveyor is – concerning to the public appointment – acting on behalf of that state (therefore no PPP) and uses the seal of the state for the functions publicly appointed.
- The activities of a publicly appointed surveyor are subject of special conditions and regulations (e.g. concerning liability and insurance, withdrawal of the license, advertisement).
- The publicly appointed surveyor has the same education as comparable civil servants (4-5 years university plus 2 years of additional traineeship with state examination).
- The publicly appointed surveyor is supervised by the state not by a chamber.

Actual Situation

- Some figures:
  - Number of licensed surveyors: ca. 1,500
  - Number of staff: ca. 15,000
  - Ca. 1,300 publicly appointed surveyors are members of BDVI (voluntary professional association, no chamber)
- Political demands
  - In most of the states exist political demands to reduce the operational activities of cadastral offices in favour of the publicly appointed surveyors (proportion between 50 and 100%)
  - Actual Germany wide: ca. 60-80% (depending whether performing cadastral surveys for buildings or parcels)
European Union

- Special situation of the publicly appointed surveyors in Germany concerning European Union
  - Job is understood as “exercise of official authority” and in so far subject to Art. 45 EU Treaty (now partly same situation only in Denmark)
  - “exercise of official authority”: setting of administrational acts as determination of boundaries and marking the boundary corner point.
  - The most important one is that surveyors have the right to get access to the property for performing the cadastral survey without permission (defined in the cadastral laws).

Private surveyors

- There are also private surveyors besides the publicly appointed surveyors (e.g. for engineering surveying)

- The publicly appointed surveyor can also act as private surveyor, but then he/she is not acting as publicly appointed surveyor (no use of that title)
Thank you very much for your attention

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