Organizational and Technical Implementation of Cadastral System
General remark

Political und structural realities are a fact!
Technical progress has to support creative solutions!

- federal organisation
- shared responsibilities
- decentralised datasets
- freedom of methods and systems
With creativity to efficiency

Example 1: central user-portal for official cadastral surveying data
With creativity to efficiency

Example 2: centralised check-service
Need for data exchange
Independent of systems
Hole content highly structured
Available from 1993
- model driven data exchange
- Standard: INTERLIS
Datamodel is the core

- Hole content highly structured
- Automatic check-services
- Automatically generated transfer structure
- Data transfer
- Standardized description
- Implementation in systems

TABLE Grundstueck =
  Entstehung: -> LSNach;
  // Gueltigkeit = gu;
  NBIdent: TEXT*12; !!
  Nummer: TEXT*12;
  !! Elektronisches Grund-
  EGRIS_EGRID: OPTIONAL
  !! abgeleitetes Attrib.
  !! SelbstRechtvoder B.
  Gueltigkeit: (rechtskraeftig,
  streitig);
  !!uvollstaendig, fals
  !! teilweise außerha.
  Vollstaendigkeit: (Voll-
  staendig, unvollstaendig);
  Art: Grundstuecksart;
  !! GesamteFlaechenmas.
  !! Das heisst mehrere
  !! oder Bergwerk werd.
  GesamteFlaechenmass: (I-
  DENT NBIdent, Nummer;
  END Grundstueck;
New cadastral model «DM-flex»

Strategic joint study group with federation, cantons and offices has a vision for a new model:

- flexible
- stable
- developable
- able to answer the digital needs of the society
Get agility with smart models
Develop in permanent change board
Next steps

- Information
- Consultation
- Concretion
- Standardisation
- Implementation step by step
Thank you for your attention

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