Organizational and Technical Implementation of Cadastral System
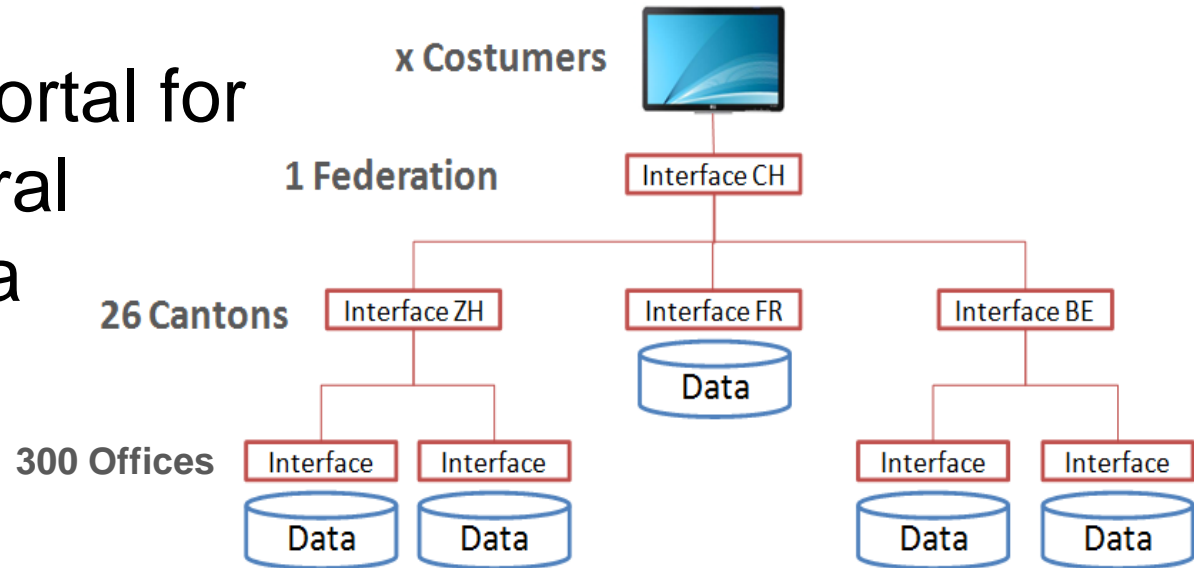
General remark

Political und structural realities are a fact !

Technical progress has to support creative solutions !

❖ federal organisation

❖ shared responsibilities

❖ decentralised datasets

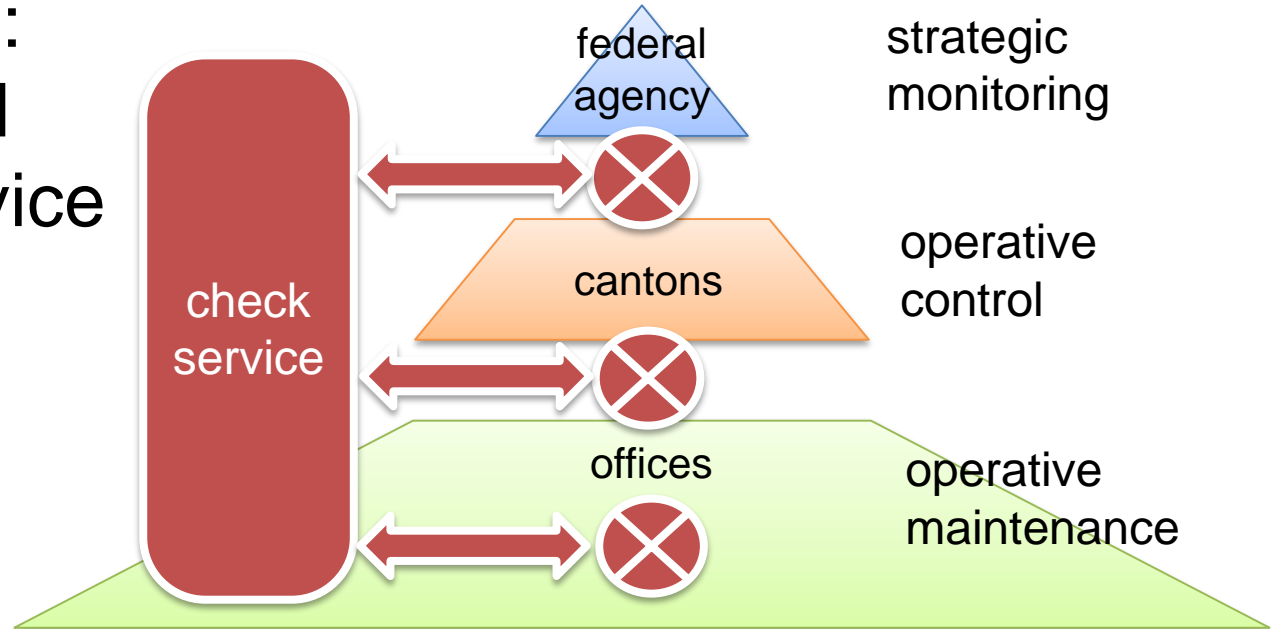❖ freedom of methods and systems

With creativity to efficiency

Example 1:
central user-portal for official cadastral surveying data

With creativity to efficiency

Example 2: centralised check-service

check service

federal agency

strategic monitoring

cantons

operative control

offices

operative maintenance

Need for data exchange

Independent of systems

Hole content highly structured

Available from **1993**

❖ model driven data exchange

❖ Standard: INTERLIS

Datamodel is the core

```
TABLE Grundstueck =
  Entstehung: -> LSNach
    // Gueltigkeit = gu
  NBIdent: TEXT*12;  !!
  Nummer: TEXT*12;
  !! Elektronisches Gru
  EGRIS_EGRID: OPTIONAL
  !! abgeleitetes Attri
  !! SelbstRechtvoder Be
  Gueltigkeit: (
    rechtskraeftig,
    streitig);
  !!unvollstaendig, fal
  !! teilweise ausserha
  Vollstaendigkeit: (
    Vollstaendig,
    unvollstaendig);
  Art: Grundstuecksart;
  !! GesamteFlaechenmass
  !! Das heisst mehrere
  !! oder Bergwerk werd
  GesamteFlaechenmass:
IDENT NBIdent, Nummer;
END Grundstueck;
```

hole content
highly structured → automatic
check-services

automaticly generated
transfer structure → data transfer

standardized
description → implementation
in systems

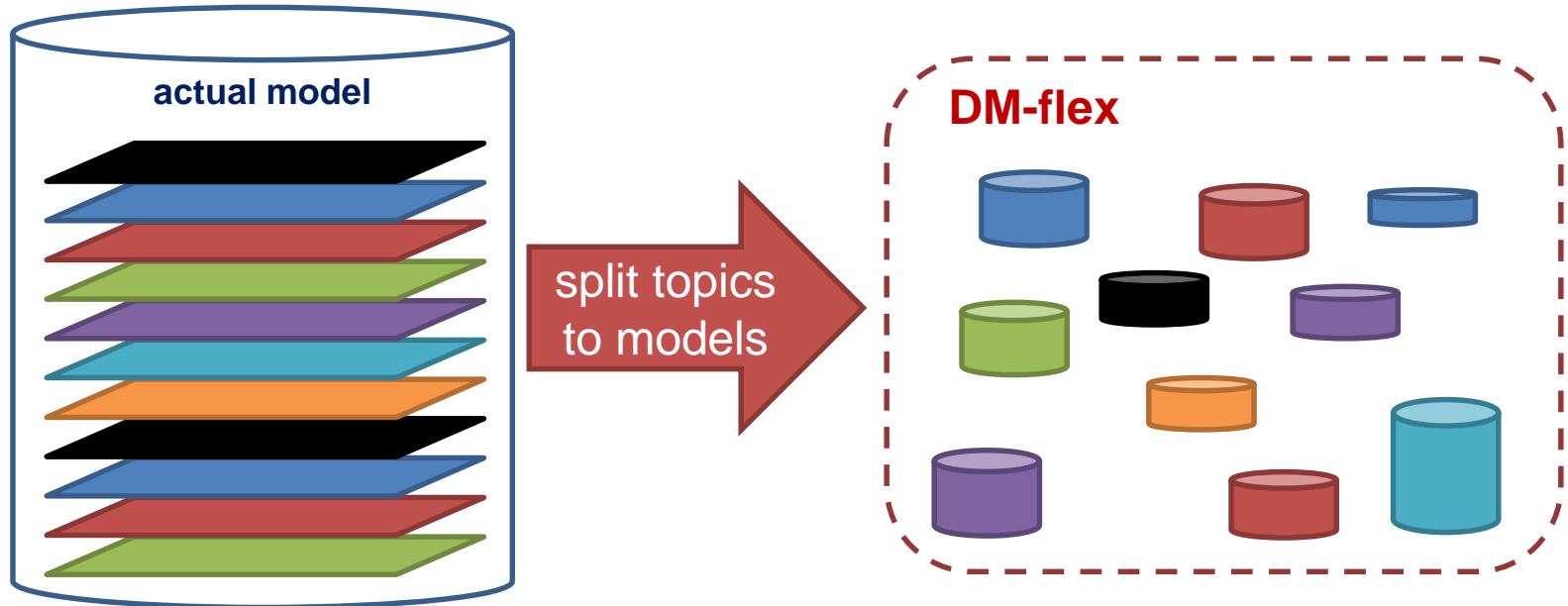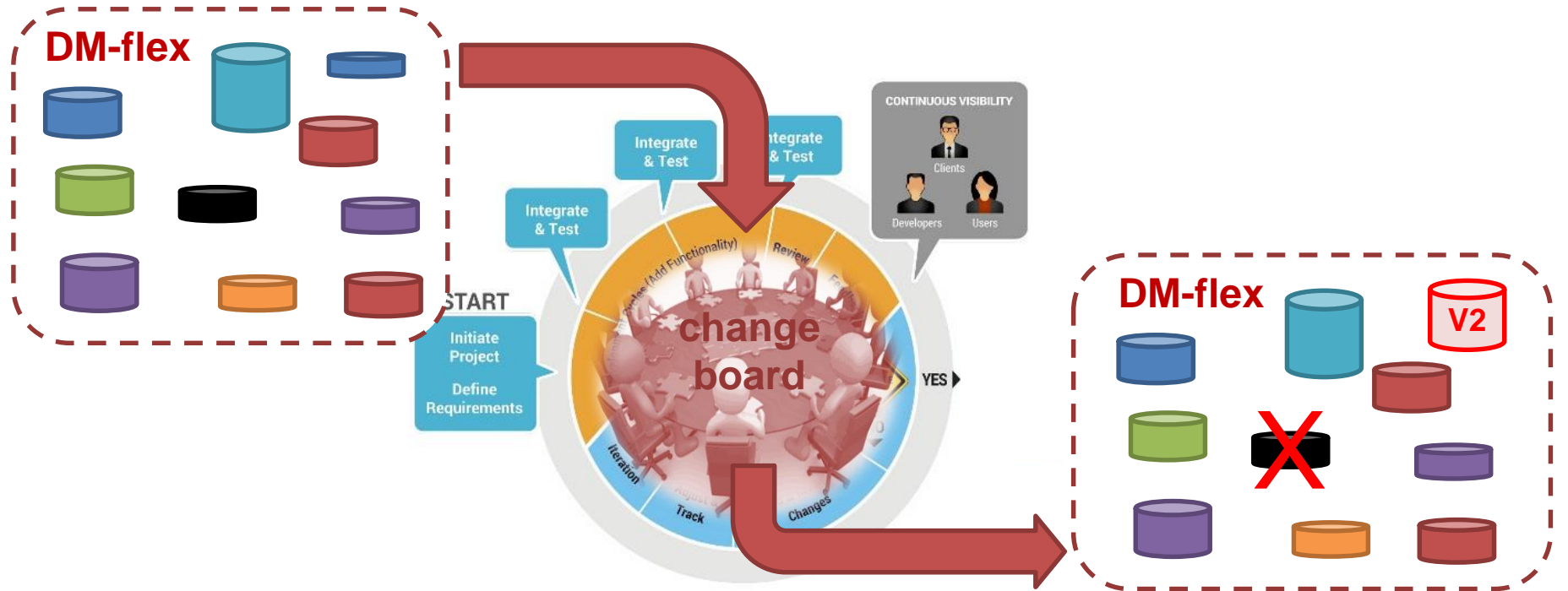# New cadastral model «DM-flex»

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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