

The Comprehensive Cadastre – The Tool comprising the Wisdom of the Ages to master the Challenges of the Modern World

Jürg Kaufmann, Switzerland

The Comprehensive Cadastre - The Tool comprising the Wisdom of the Ages to master the Challenges of the Modern World (7804)

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Agenda

Development of Cadastres

Structure of the Comprehensive Cadastre

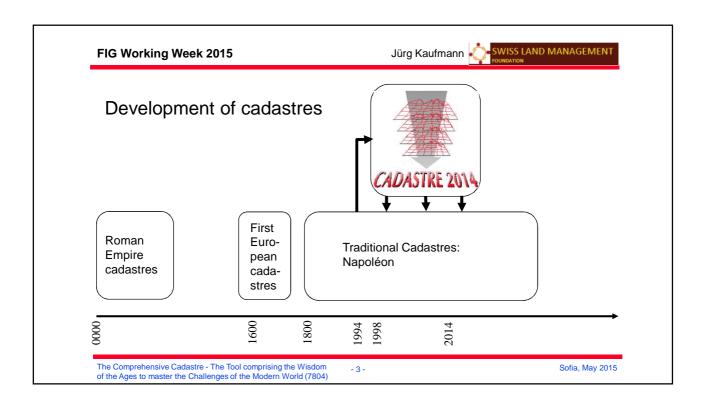
Precondition for the Comprehensive Cadastre

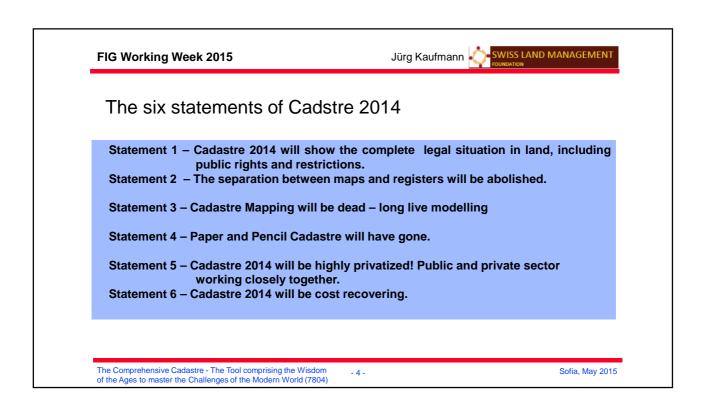
Steps to Implement a Comprehensive Cadastre Successfully

Wisdom of the Ages to Master the Challenges of the Modern World

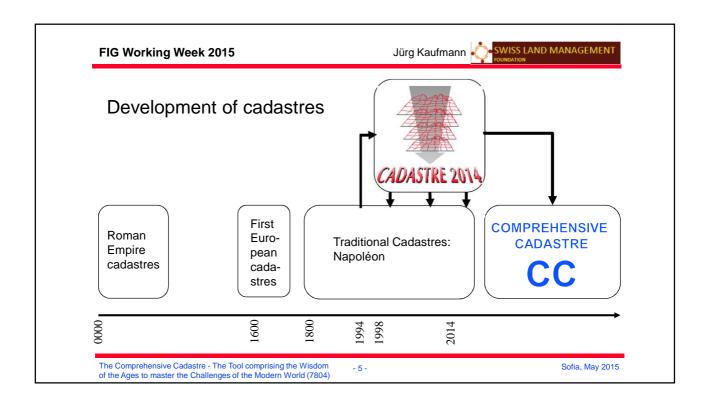
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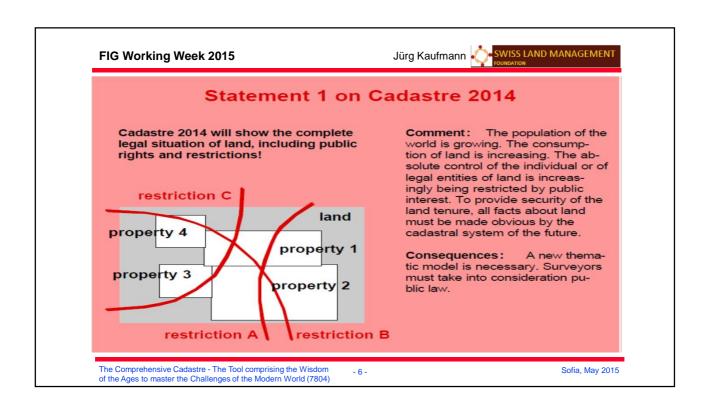
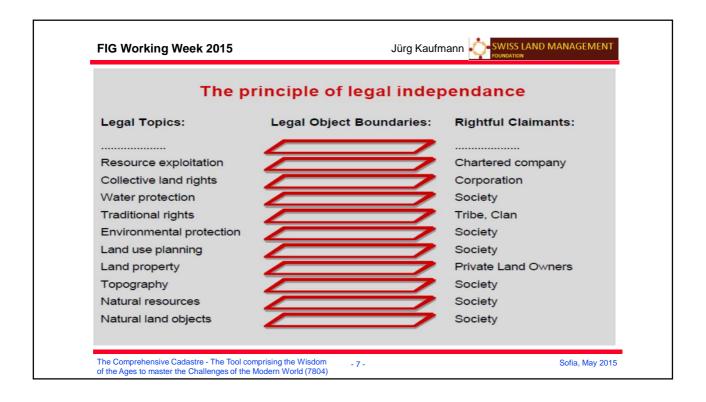


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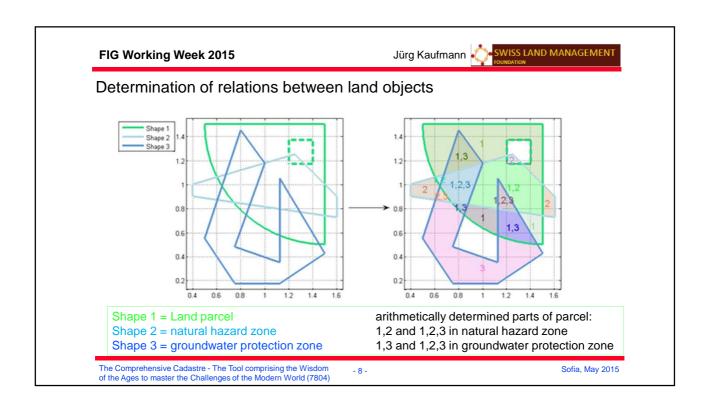


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Switzerland: Content of the Ordinance on The Cadastre of public-right Restrictions of the Landownership

> Section 1: **General provisions**

Section 2: **Content and Information**

Section 3: Inclusion into the Cadastre

Section 4: **Forms of Access** Section 5: Authentification

Section 6: Function as official gazette

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Section 7: Organization

Section 8: **Financing**

Section 9: **Participation**

Section 10: **Final Provisions**

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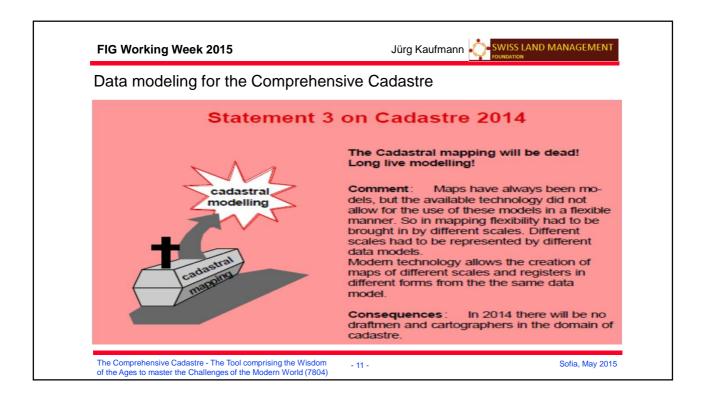
Switzerland Cadastre on Public.Law Restrictions (PLR-Cadastre)

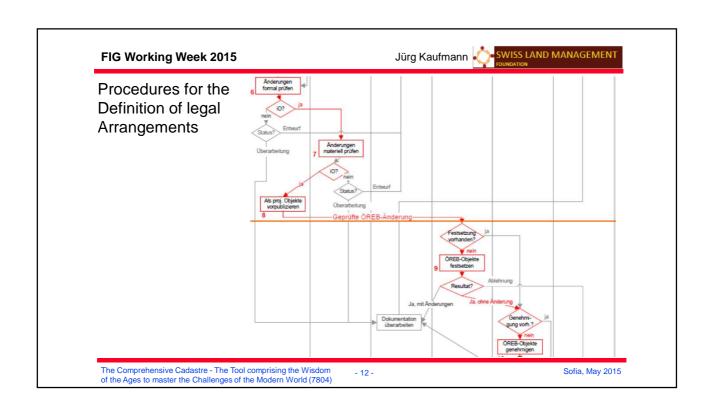
Art. 16 Subject matter and form

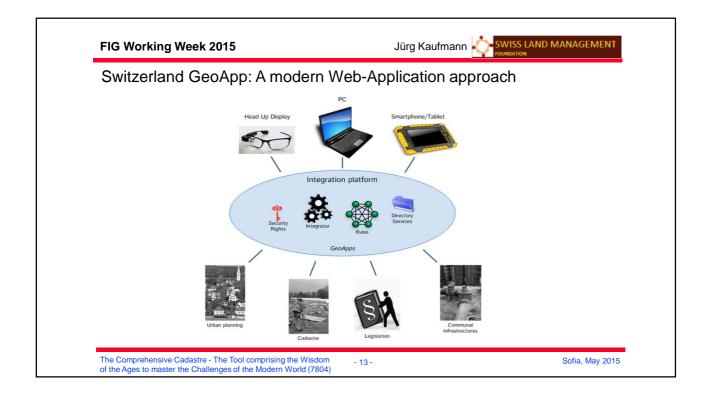
- 1 The Cadastre of public-law restrictions shall contain public-law restrictions on landownership rights which, in accordance with the provisions of the Civil Code, are not part of the Land Register.
- 2 The Federal Council determines which official geodata under federal legislation are entered in the Cadastre of public-law restrictions.
- 3 The cantons may define additional official geodata of proprietary nature that must be recorded in the Cadastre of public-law restrictions.
- 4 The Cadastre of public-law restrictions shall be made available in electronic form either online or by any other method.
- 5 The Federal Council shall determine the minimum requirements with regard to the organisation, management, data harmonisation, methods and processes for the Cadastre of public-law restrictions.

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Summary: 9 steps to achieve a Comprehensive Cadastre

- 1. Introduce the possibility for the CC in your legal framework
- 2. Develop a short enactment on the CC
- 3. Introduce data and representation modeling as mandatory
- 4. Determine a responsible authority for the CC
- 5. Scan your legal framework including traditional rules
- 6. Identify the stakeholders
- 7. Create data models for all legal topics included into the CC
- 8. Identify the procedures for the definition of legal arrangements
- 9. Develop a feasible IT-Infrastructure

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Wisdom Of The Ages to Master the Challenges of the Modern World

- Base for the economic development
- Regularization of informal legal conditions
- Poverty reduction
- Prevention from land grabbing
- Implementation of Spatially Enabled Societies (SES)
- Land consolidation
- Better planning
- Rapid reaction on changes (technological, societal, catastrphes and conflicts)

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Tool to master challenges of the modern world

The relation between the expeniture of time for data acquisition and the time available for planning will be omproved significantly:

Data acquisition Planning Realization (75%) (25%)

Preparation (<25%) Planning Realization (>75%)

Better, comprehensive, and sustainable results

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Thank you for your attention

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