



Follow-Up Questionnaire on "Cadastre 2014", August 2000

Jurisdiction for which the Responses are valid

Country, Province, State

Filled out by

Affiliation

Function

Address

.....

.....

Tel

Fax

Email

1. Issues and Activities Related to "Cadastre 2014"

1a) Was there some sort of acknowledgment of the 6 statements by professional associations and/or authorities in your country/state ?

1b) Was "Cadastre 2014" translated in your national language ? If yes, please give some details (sponsor, available through, published by). Has the translation been distributed among the professionals and in what context ? Is it available on the Internet (if yes, what is the address ?)

1c) Has "Cadastre 2014" been presented in your country/state, and were there panel discussions or similar events ?

1d) Have working groups been set up in your country/state to further investigate “Cadastre 2014” issues in your national context ?

1e) Is “Cadastre 2014” known and been acknowledged outside the surveying profession ? If yes, in which ones ?

2. Status of the 6 Statements

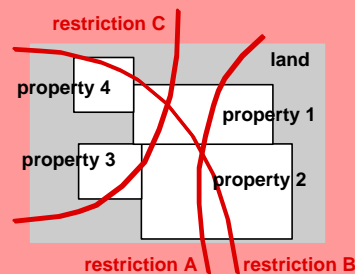
Please, comment the 6 statements from your country/state point of view, what the status of the statement is, how you rate its value, and any relevant critics or observations to it.

Statement 1):

Cadastre 2014 will show the complete legal situation of land, including public rights and restrictions!

Statement 1 on Cadastre 2014

Cadastre 2014 will show the complete legal situation of land, including public rights and restrictions!

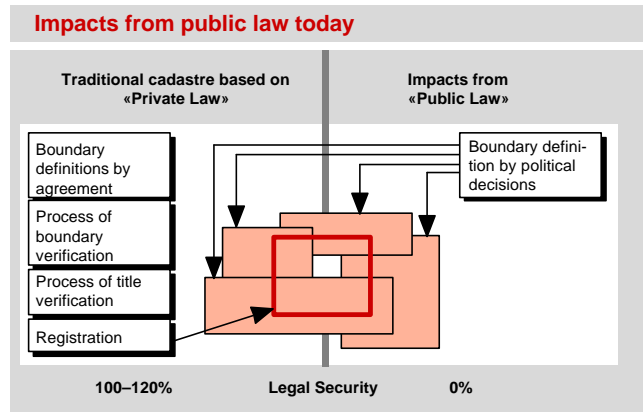


Comment: The population of the world is growing. The consumption of land is increasing. The absolute control of the individual or of legal entities of land is increasingly being restricted by public interest. To provide security of the land tenure, all facts about land must be made obvious by the cadastral system of the future.

Consequences: A new thematic model is necessary. Surveyors must take into consideration public law.

2a) Are public rights and restrictions already included in your cadastre, or will they be in the near future ? What is your comment relative to statement 1) from your country/state point of view ?

Cadastre 2014 documenting "Private Law" and "Public Law"



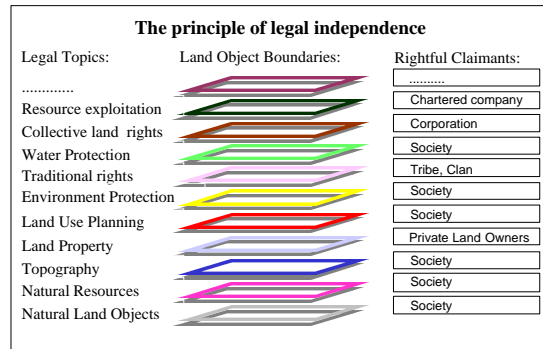
2b) Does your cadastral system document both rights from "private law" as well as restrictions from "public law" ?

Concept of land objects:

Traditional Definition	Definition of Cadastre 2014
<p>Land Parcel</p> <p>A parcel is a piece of land with defined boundaries, on which a property right of an individual person or a legal entity applies.</p>	<p>Land Object</p> <p>A land object is a piece of land in which homogenous conditions exist within its outlines. The legal land objects are defined by the legal content of a right or restriction and the boundaries, which demarcate where the right or restriction applies.</p>

2c) Is the concept of land objects adopted in the set-up of your cadastral system ? If yes, how?

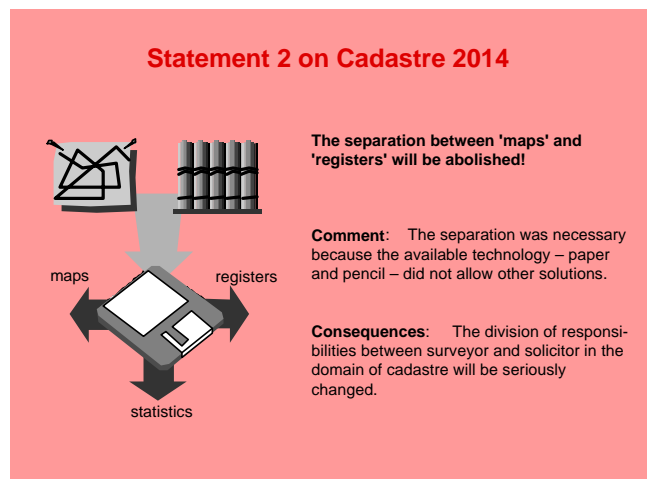
Principle of legal independence



2d) Is the principle of legal independence adopted in your cadastral set-up ? If yes, how ?

Statement 2):

The separation between 'maps' and 'registers' will be abolished!

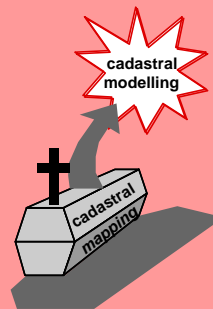


2e) Are the organizations of 'maps' and 'registers' still separated or are they integrated ?
What is your comment relative to statement 2) from your country/state point of view ?

Statement 3):

'Cadastral mapping' will be dead! Long lives modeling!

Statement 3 on Cadastre 2014



**The Cadastral mapping will be dead!
Long live modelling!**

Comment: Maps have always been models, but the available technology did not allow for the use of these models in a flexible manner. So in mapping flexibility had to be brought in by different scales. Different scales had to be represented by different data models. Modern technology allows the creation of maps of different scales and registers in different forms from the the same data model.

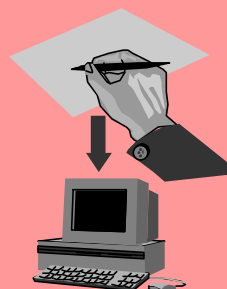
Consequences: In 2014 there will be no draftmen and cartographers in the domain of cadastre.

2f) Does data modeling play a role in your national Cadastre ? In what respect ? What is your comment relative to statement 3) from your country/state point of view ?

Statement 4):

'Paper and pencil cadastre' will be gone!

Statement 4 on Cadastre 2014



'Paper and pencil - cadastre' will have gone!

Comment: Geomatics technology will be the normal tool for cadastral work. Real low-cost solutions are only possible when this technology is used in combination with lean administrative procedures. Developed, developing, and transitional countries need models of the existing situation to resolve the problems of population, environment and reasonable land use.

Consequences: The modern cadastre has to provide the basic data model. Surveyors all over the world must be able to think in models and to apply modern technology to handle such models.

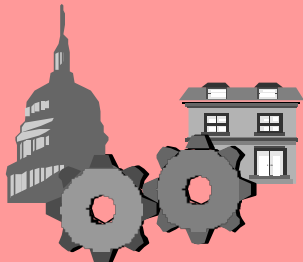
2g) Do 'paper and pencil' still play a role in your cadastre ? What is your comment relative to statement 4) ?

Statement 5):

Cadastre 2014 will be highly privatized! Public and private sector are working closely together!

Statement 5 on Cadastre 2014

Cadastre 2014 will be highly privatized! Public and private sector are working closely together!



Comment: Public systems tend to be less flexible and customer oriented than those of private organizations.
Free economies demand flexibility in land markets, land planning and land utilization. Flexibility may be provided better by private institutions. For necessary security, however, public involvement is indispensable.

Consequences: The private sector will gain in importance. The public sector will concentrate on supervision and control.

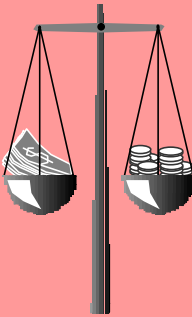
2h) Is there a private sector in your country/state doing work for the cadastral system ? Are public and private sectors working together ? What is your comment to statement 5) from your point of view ?

Statement 6):

Cadastre 2014 will be cost recovering!

Statement 6 on Cadastre 2014

Cadastre 2014 will be cost recovering!



Comment: Cadastral systems need considerable investment. But the land documented and secured by the cadastre represents a multiple of the investment. The investment and operation costs have to be paid back at least partially by those who profit.

Consequences: Cost/benefit analysis will be a very important aspect of cadastre reform and implementation. Surveyors will have to deal more with economic questions in future.

2i) Is your cadastre cost recovering now ? Will it be to a certain extend in the future ? What is your comment to statement 6) ?

3. Developments beyond “Cadastre 2014”

3a) In your country, do you see other important developments that go beyond “Cadastre 2014” ? Do the statements of “Cadastre 2014” lack of certain other developments or would there be other visions in the field of cadastre ? Does “Cadastre 2014” have obvious weaknesses ?

3b) Do you have any other observations concerning “Cadastre 2014” ?



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August 2000**

**FIG-Commission 7
Working Group 7.1
"Reforming the Cadastre"**
<http://www.swisstopo.ch/fig-wg71/>

Thank you for your time !