



Cadastral 2014

Introduction

Trend Analysis

Visions



Introduction

- Result of 4 years of work (1994-98)
- 4 annual meetings
- 40 working group members from 26 countries
- Organization of a one-day seminar on 'Modern Cadastres and Cadastral Innovations'
- Questionnaire for Trend Analysis (32 responses)
- Questionnaire about Cost Recovery and Privatization Aspects (51 responses)
- Paper on 'Benchmarking'
- the presentation of the statements here is very simplistic

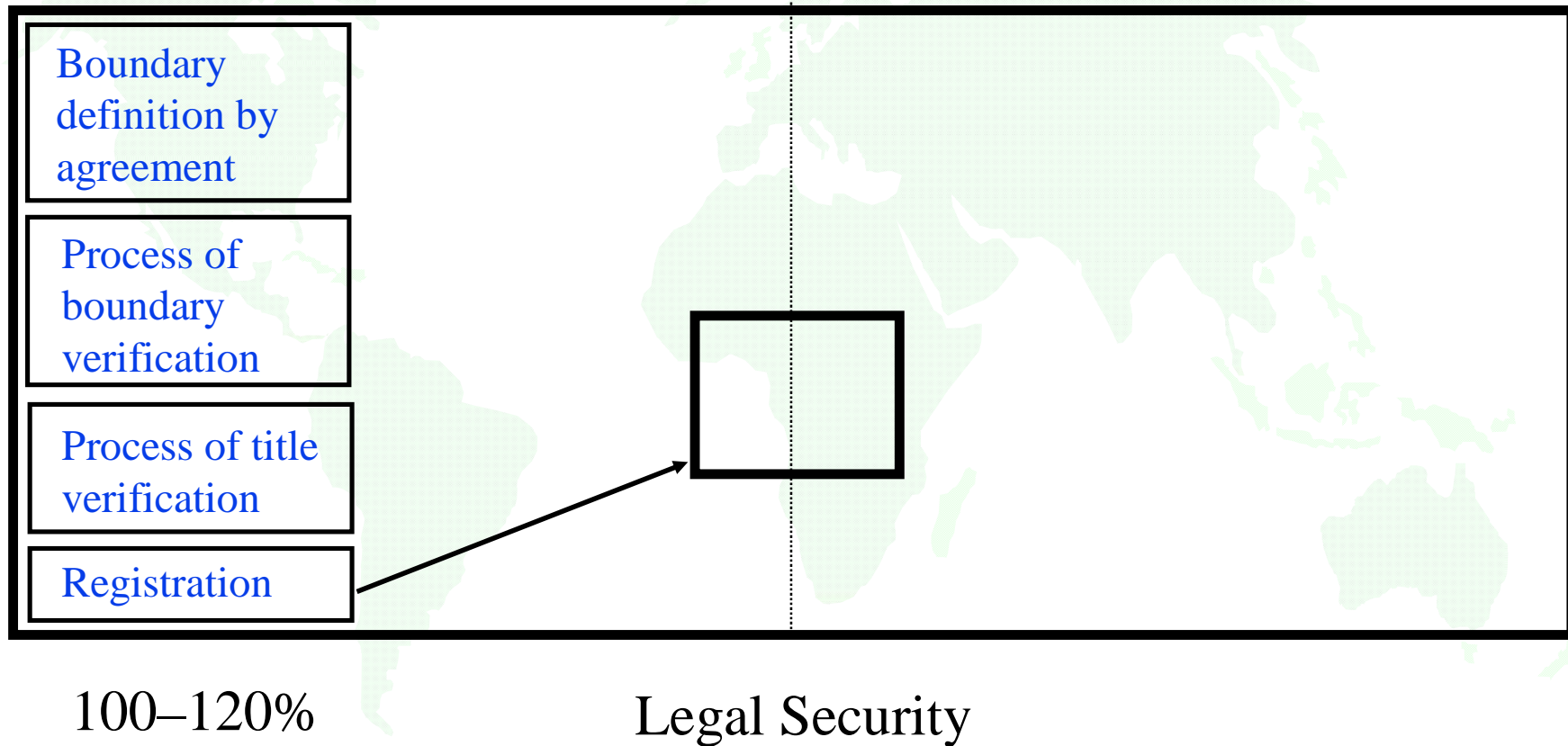


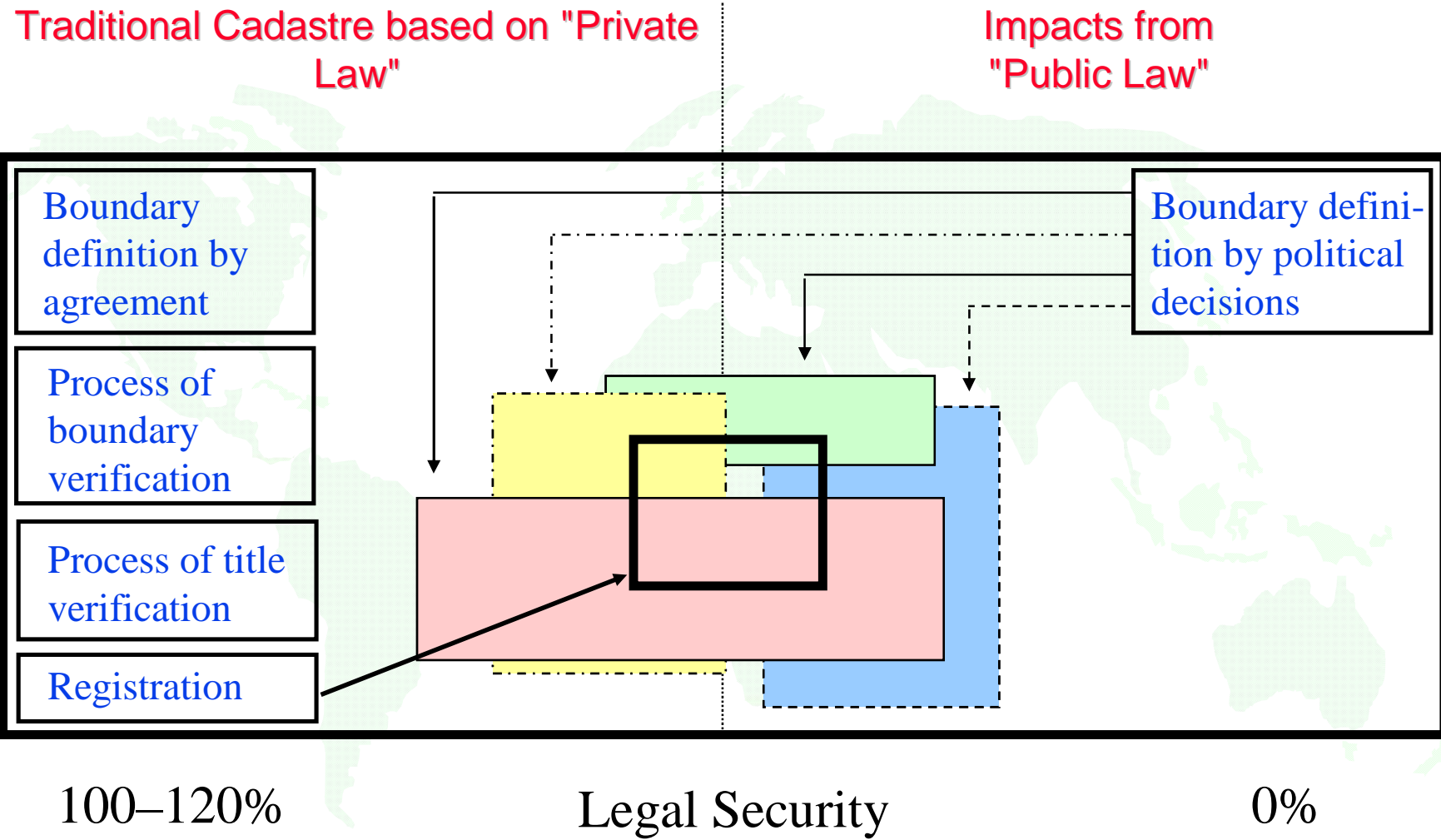
Trend Analysis

- Cadastre only shows private law matters; restrictions from public law are not shown and are not transparent to land market.
- Link between 'map' and 'register' is not efficient enough.
- Trend towards digital data format.
- Trend towards data automation and computerization.
- Trend towards privatization, especially in the level of operational control.
- Aspects of NPM become more and more important (cost awareness).



Traditional Cadastre based on "Private Law"

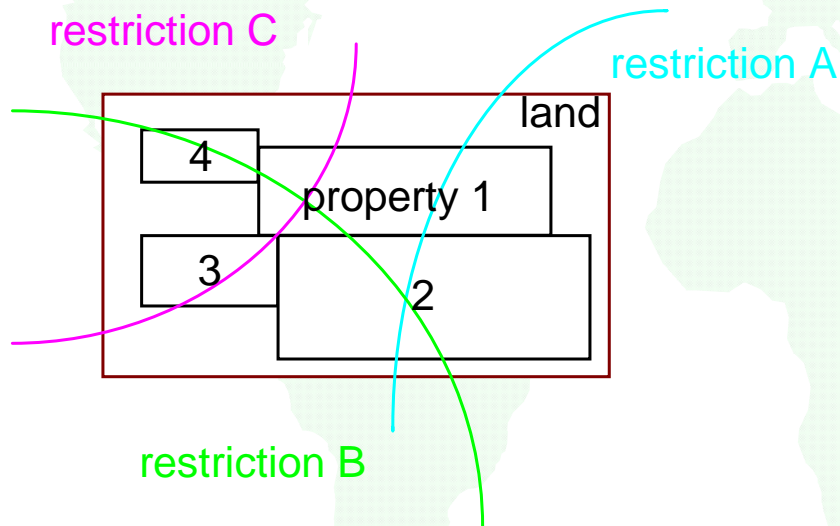






Statement 1 on Cadastral 2014

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

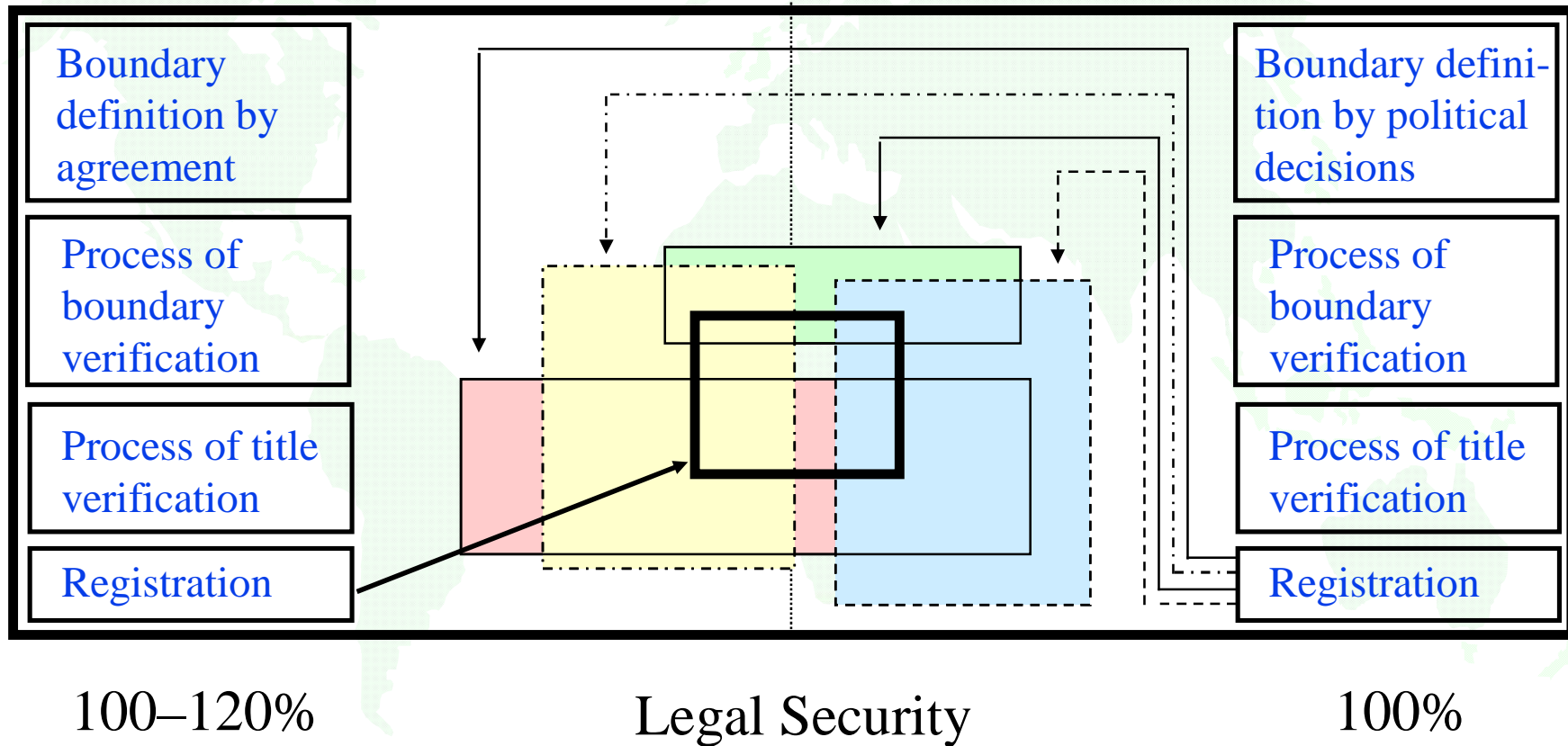




Cadastre 2014 documenting "Private Law" and "Public Law"

Traditional Cadastre based on "Private Law"

Impacts from "Public Law"





The principle of legal independence

Legal Topics:

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Resource exploitation

Collective land rights

Water Protection

Traditional rights

Environment Protection

Land Use Planning

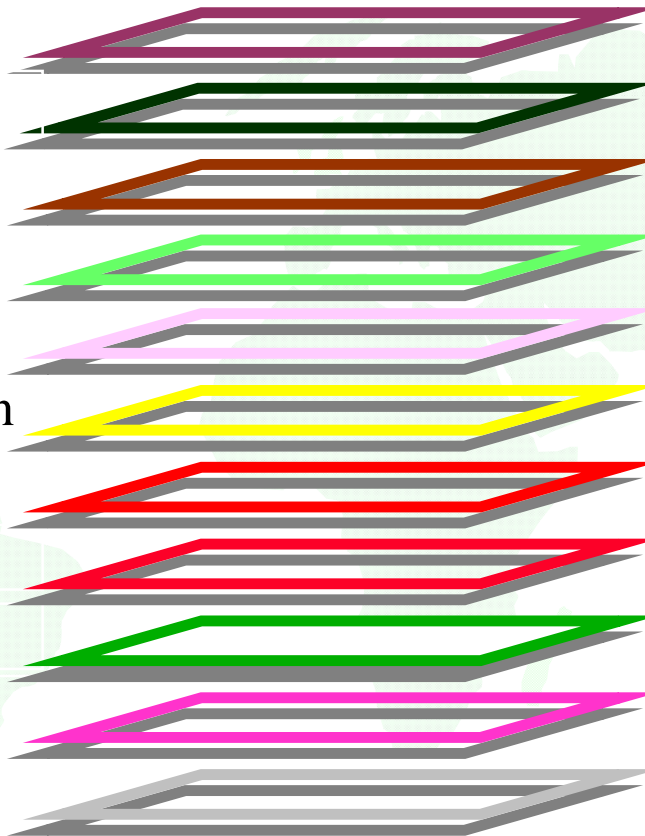
Land Property

Topography

Natural Resources

Natural Land Objects

Land Object Boundaries:



Rightful Claimants:

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Chartered company

Corporation

Society

Tribe, Clan

Society

Society

Private Land Owners

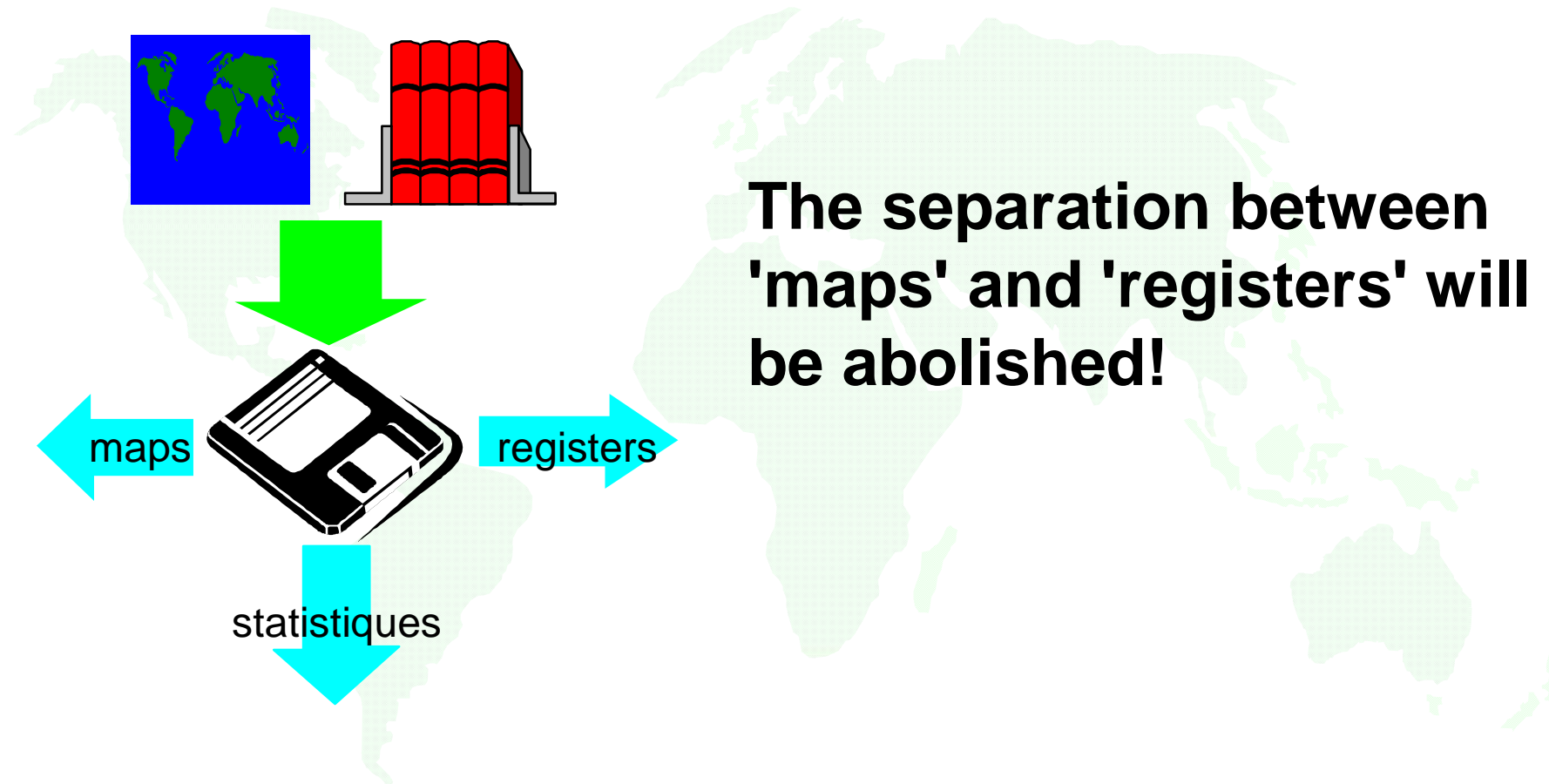
Society

Society

Society

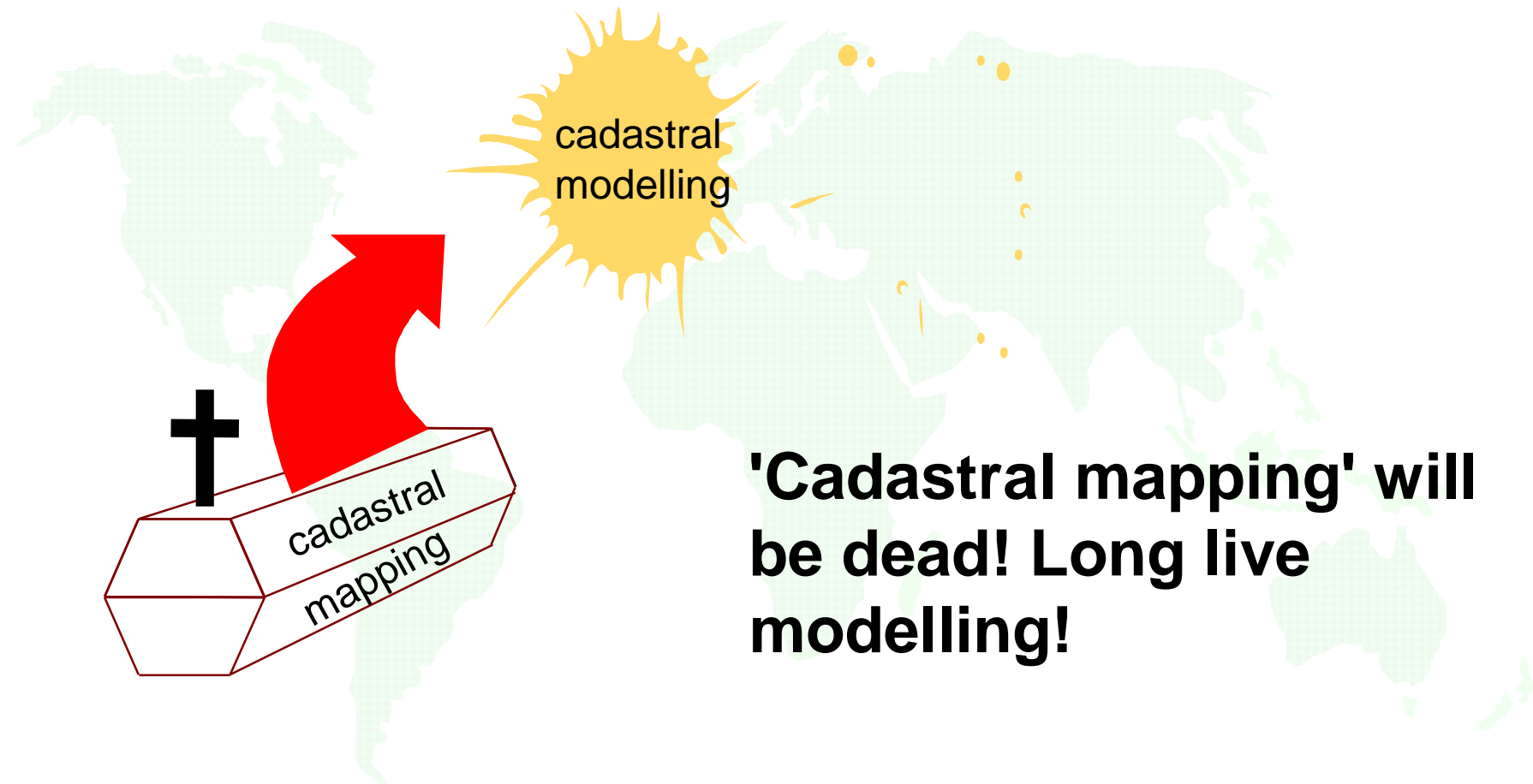


Statement 2 on Cadastre 2014



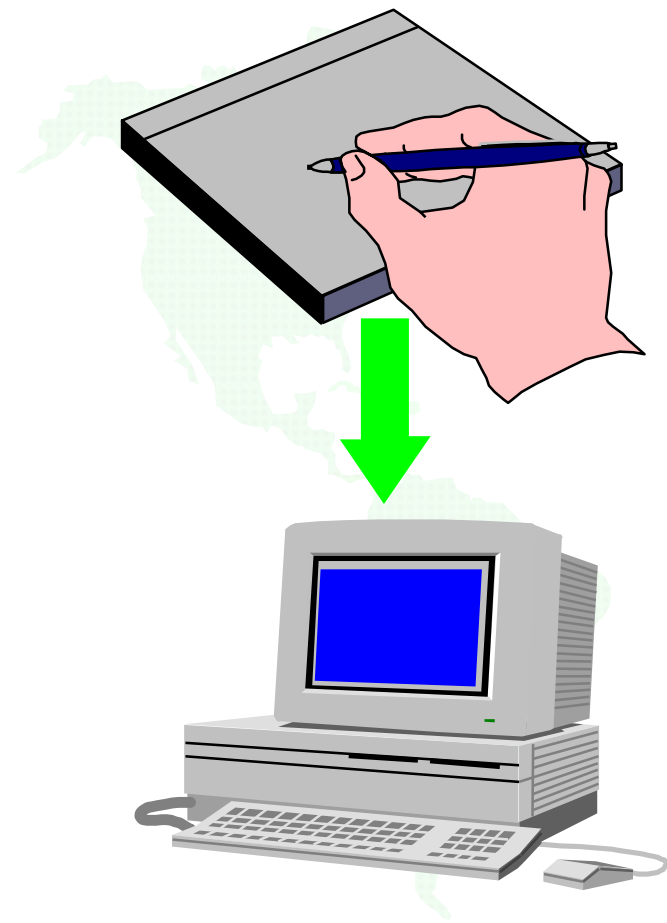


Statement 3 on Cadastre 2014





Statement 4 on Cadastral 2014



**'Paper and pencil
cadastral' will be
gone!**



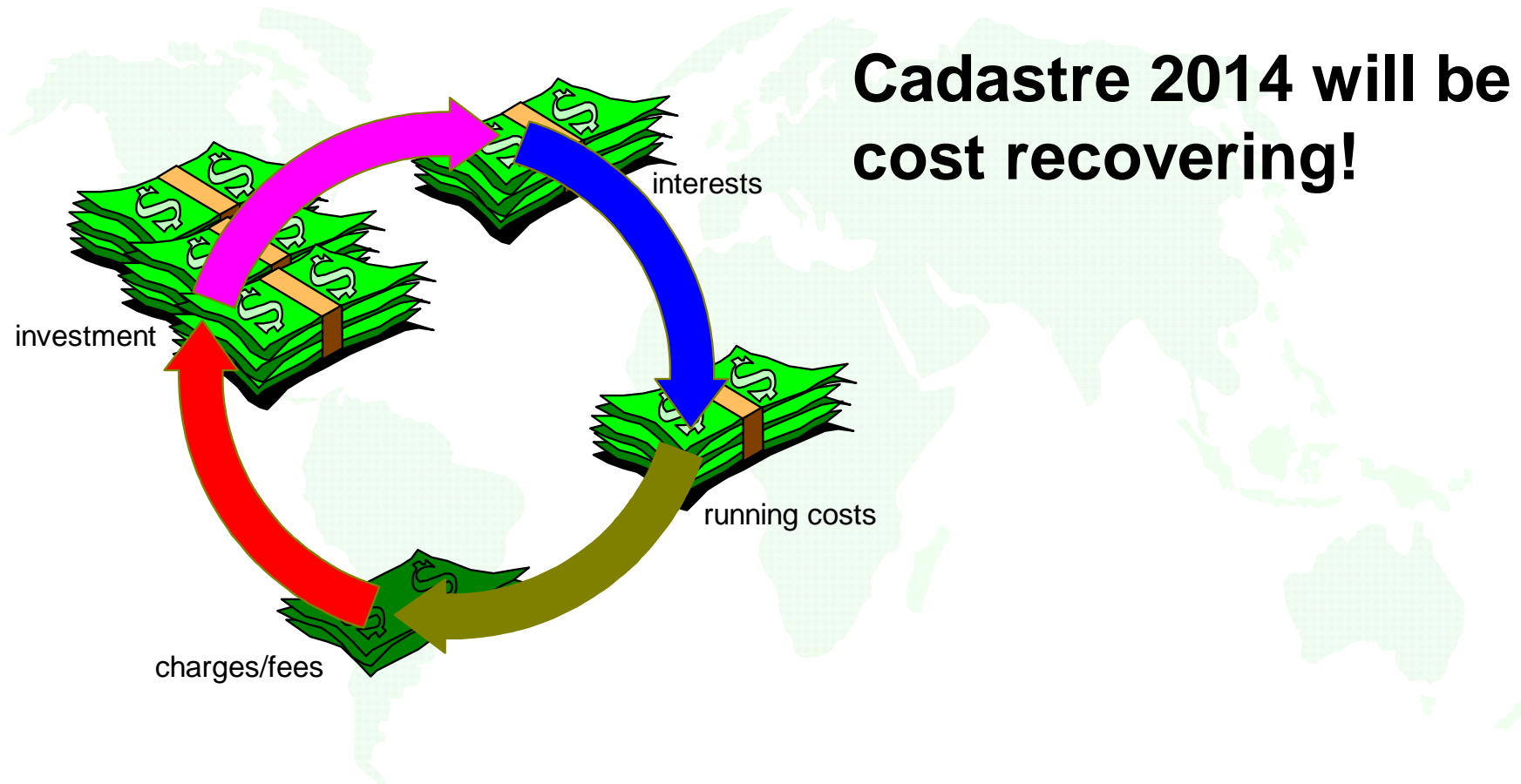
Statement 5 on Cadastral 2014

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





Statement 6 on Cadastre 2014





Cadastre 2014

TO REMEMBER:

Cadastre will have **larger extent**.

Digital format will require another way of thinking, but offers a lot of new opportunities (modelling, not mapping / linkage of spatial and textual data also across organization boundaries will be easier).

Cost awareness will increase (private sector will be more involved).



Cadastre 2014 – Recommendations to surveyors:

- to complement the traditional skill of producing maps and plans with dealing with information and data models;
- to understand the phenomenon of public law land objects;
- to play the role of a land administration specialist.



How can FIG promote and support Cadastral 2014 ?

- by establishing a competence centre for modern cadastral systems;
- by developing recommendations for a future national licensing policy for land surveyors;
- further use of its contacts with governments and NGOs.



How can national organizations contribute to Cadastral 2014 ?

- by distributing information from FIG to their national members and their government;
- by promoting better land policies and greater legal security;
- by providing skilled and acknowledged specialists as consultants to government.



Cadastre 2014 will:

- contain all types of rights and restrictions;
- make substantial use of new information technology;
- benefit of the co-operation between public and private sector;
- have economical structure where cost recovery will play a role.