

An analysis of how the six CADASTRE 2014 statements have influenced the development of Brazil's cadastral system

Autores:

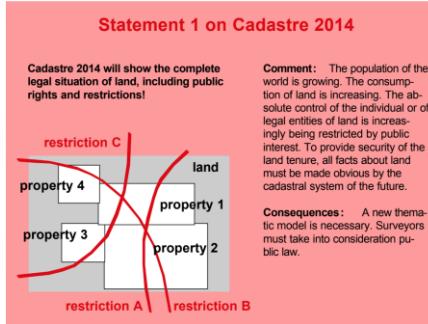
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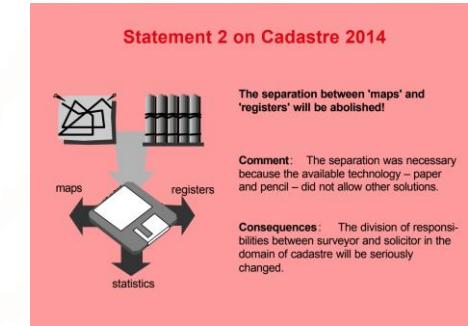
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PRINCIPLES OF CADASTRE 2014

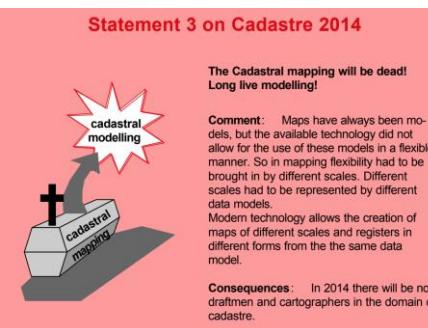
1- Cadastre 2014 will show the complete legal situation of land, including public rights and restrictions!



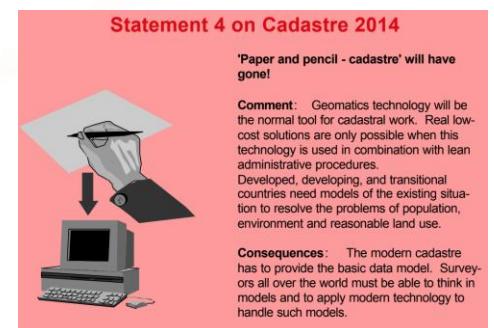
2 - The separation between 'maps' and registers' will be abolished!



3 - The Cadastral mapping will be dead! Long live modelling!



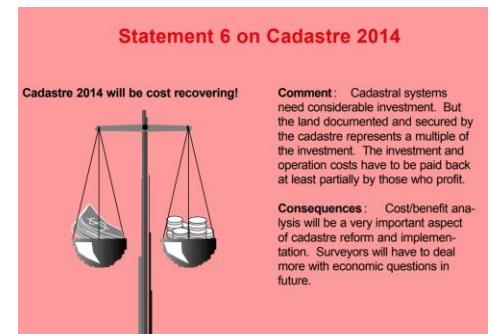
4 - 'Paper and pencil - cadastre' will have gone!



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



6 - Cadastre 2014 will be cost recovering!



BRAZILIAN INITIATIVES

1972: National Rural Cadastre System (SNCR)

1970s: Municipal Taxation Registries

2001: Law 10.267 (georeferencing and certification of rural properties - SIGEF/INCRA)

2012: Rural Environmental Registry (CAR)

2016: National System for Territorial Information Management (SINTER)

2022: Brazilian Real Estate Registry (CIB)

2022: MDR Ordinance N° 3.242 (Guidelines for Municipal Territorial Registration)

2022: ABNT NBR 17047 - territorial cadastral survey for public registration

2025: CNJ Provision N° 195 (SIG-RI)

BRAZILIAN INITIATIVES x STATEMENTS OF CADASTRE 2014

	Statement 1	Statement 2	Statement 3	Statement 4	Statement 5	Statement 6
STATEMENTS OF BRAZILIAN INITIATIVES	<p>Cadastre 2014 will show the complete legal situation of land, including public rights and restrictions!</p> <p>Comment: The population of the world is growing. The consumption of land is increasing. The absolute number of legal entities of land is increasing, too. This creates a high level of interest. To provide security of the new situation, the separation between 'maps' and 'registers' must be made obvious by the cadastral system of the future.</p> <p>Consequences: A new theme for cadastral reform is that property must take into consideration public law.</p>	<p>The separation between 'maps' and 'registers' will be abolished!</p> <p>Comment: The separation was necessary because the available technology – paper and pencil – did not allow other solutions.</p> <p>Consequences: The division of responsibilities between surveyor and solicitor in the domain of cadastral will be seriously changed!</p>	<p>The Cadastral mapping will be dead! Long live modeling!</p> <p>Comment: Maps have always been important tools for cadastral work. Real low-cost solutions are only possible when this technology is used in a flexible manner. So in mapping flexibility had to be however maintained. Different scales had to be represented by different data models.</p> <p>Consequences: In 2014 there will be no differences and cartographies in the domain of cadastral.</p>	<p>'Paper and pencil - cadastre' will have gone!</p> <p>Comment: Geomatics technology will be the normal tool for cadastral work. Real low-cost solutions are only possible when this technology is used in a flexible manner. So in mapping flexibility had to be however maintained. Different scales had to be represented by different data models.</p> <p>Consequences: Public systems tend to be less flexible and more rigid than those of private organizations.</p>	<p>Cadastre 2014 will be highly privatized. Public and private sector are working closely together!</p> <p>Comment: Free economies demand flexibility in land markets, land planning and land utilization. This can only be provided better by private institutions.</p> <p>Developing countries and transitional countries need models of the existing situations to be used in a flexible manner in different forms from the same data models.</p> <p>Consequences: The modern cadastral has to provide the basic data model. Surveyors are responsible for the basic data models and to apply modern technology to handle such models.</p>	<p>Cadastre 2014 will be cost recovering!</p> <p>Comment: Cadastre systems need considerable investment. But the land document is a multiple of the investment. The investment and operation costs have to be paid back at least partially by those who profit.</p> <p>Consequences: Cost recovery will be a major issue in the period of cadastral reform and implementation. Surveyors will have to deal more with economic questions in future.</p>
SNCR						
Municipal Taxation Registries						
Law 10.267						
CAR						
SINTER / CIB						
MDR Ordinance N° 3.242						
CNJ Provision No 195 (SIG-RI)						

Legend:

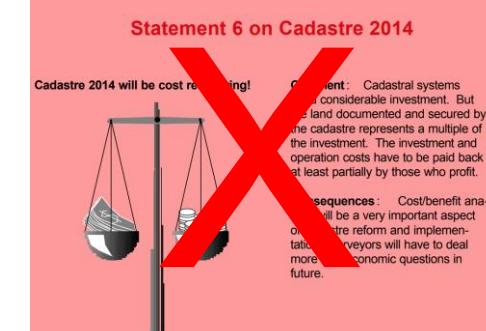
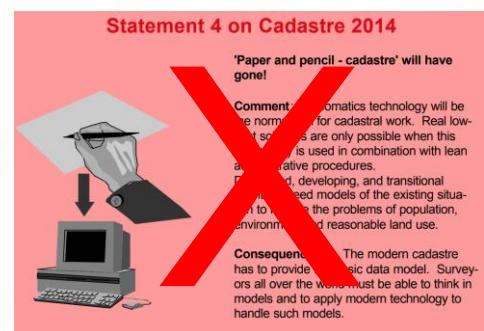
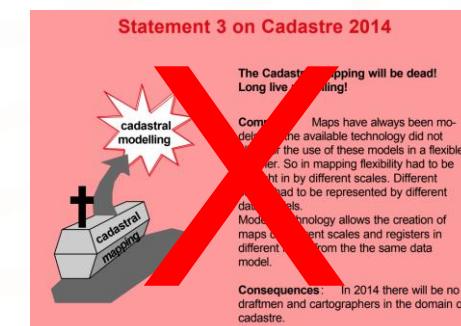
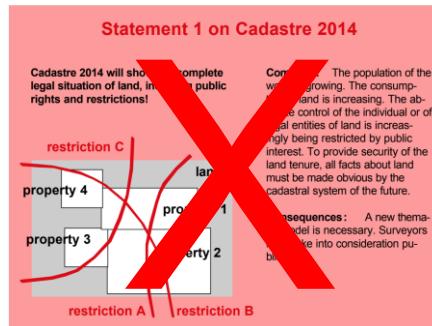
Completely meets requirements

Partially meets requirements

No answer

Decree 12.689/2025

(suspension of the certification process for the georeferencing of rural properties - SIGEF / INCRA
- until 10/21/2029)



AGRADECIMENTOS

pela atenção de todos!



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patrocinadores



INCRA



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GESTÃO E DA INOVAÇÃO
EM SERVIÇOS PÚBLICOS



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BRASIL
DO LADO DO PÔVO BRASILEIRO



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