Cadastre
A Solid Foundation for Economic and Social Growth
The Romanian Experience

NATIONAL AGENCY FOR CADASTRE AND LAND REGISTRATION

PCC Conference and Plenary Meeting “The Economic Impact of Cadastre for the Society”
6 – 7 June 2019 - Bucharest, Romania
Population: 19,5 M (as of 2018)

Area: 238,397 km²

3181 administrative territorial units (UATs)
- 2861 rural
- 320 urban
National Agency for Cadastre and Land Registration

Cadastre and land registration offices (42)

3800 employees NCLBP

Territorial Offices (135)

ANCPI

National Centre for Cartography

Public relations offices (41)
National Agency for Cadastre and Land Registration

Main responsibilities

- Develops regulations, rules, procedures for cadastre and land registration activities
- Ensures the registration of real estates in the publicity registers at national level
- Authorizes individuals and legal persons who can perform specialized works in the fields of cadastre, geodesy and cartography

Founding

- Own revenues: operational costs, National Program for Cadastre and Land Book 2015 -2023
- State subsidies: co-financing EU projects

Legislation

- Law no.7/1996 on cadastre and land registration
- Regulation for approving, reception and registration in cadastre and land book (Order no.700/2014)
Electronic services provided

- Digital processing of applications for registration in all local offices (2012)
- Electronic payments
- On-line services: land book extracts for information, land book copies, WMS services, real-time GNSS positioning services
- Web services for notaries, cadastre surveyors, register of population
- Cadastre plan displayed on geoportal
Registration process in Romania
Sporadic registration

Assumptions

- 40 million properties in Romania
- **12.92 millions** properties registered today, out of which:
  - 11.46 millions by sporadic registration
  - 1.46 million by systematic registration
- **1 million** yearly sporadic entries

We need almost 30 years to complete registration at national level based on sporadic registration
## Sporadic vs. Systematic registration

<table>
<thead>
<tr>
<th>Approach</th>
<th>Key Advantages</th>
<th>Key Disadvantages</th>
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</table>
| **1. Sporadic first registration**                                  | Low cost to government as the owners finance the registration process  
Register is populated in areas of high land market activity | High cost to applicants. High cost to government per registered property in providing systems, resources and information to respond to sporadic requests  
High cost to government in creating public awareness and interest in participation  
Risk that sporadic requests lack transparency and foster corruption  
Risk that erroneously registered properties take priority over legitimate claims  
Cost and lack of awareness can be a barrier to participation by the poor and disadvantaged  
Long timeframe to complete cadastre, some properties may never be entered into cadastre and land book |
| **2. Systematic first registration**                                | Economies of scale. One-off task that can substantially be outsourced. Quickest timeframe to result in complete system and coverage  
Locations, including state land and produces records that serve multi-uses (planning, land management, taxation, etc.)  
Cadastral map established without gaps or overlaps. Transparent with high community acceptance | High cost to government as the state pays the expenses of registration – it is difficult to undertake program and collect fees from beneficiaries  
Requires strong government oversight, management and quality control  
Requires long-term planning and commitment which can be disrupted by changing political objectives  
Significant resources required (but major parts can be contracted out). |
| **3. Conversion of existing records**                              | Less cost to government  
Can be used to quickly populate records with the option to upgrade records on sporadic approach | Requires some confidence in existing records so that there is community confidence in process and resulting system  
Limited field inspection and community consultation can mean that the system fails to reflect reality on the ground |
ANCPI strategic options to complete properties registration in Romania

- Systematic registration developed by ANCPI at UAT level
- Financing the Systematic registration on cadastral sectors performed by City Halls
- Financing the Systematic registration of public and private property land
- Co-financing City Halls to accomplish cadaster
National Program For Cadaster And Land Registration 2015 2023

Strategic Objective
Free systematic registration of all properties in Romania

Romanian Government has approved in May 2015 the National Program for Cadaster and Land Registration 2015 2023 HG 294/2015

Financing:
• 900 mil. Euros from ANCPI revenues
• 312 mil. Euros from EU funding
• other local authorities co-financing budgets

Human resources: 600 new staff hired on fixed term
National Program for Cadastre and Land Book Funding

- **ANCPI revenues**: Systematic registration at UAT level - 27 mil Euro
- **ANCPI revenues**: Financing Systematic registration on cadastral sectors performed by City Halls - 380 mil Euro
- **ANCPI revenues**: Financing the Systematic registration of public and private property land - 16 mil euro
- **ANCPI revenues**: Co-financing City Halls to accomplish cadaster - 11 mil Euro
- **POR 2014-2020 Priority Axis 11**: Systematic registration in 660 rural UATS - 312 mil Euro
Properties and mortgages registration

2009-2018
Evolution of registered mortgages 2009 -2018

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Mortgages</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>119,266</td>
</tr>
<tr>
<td>2010</td>
<td>134,874</td>
</tr>
<tr>
<td>2011</td>
<td>170,672</td>
</tr>
<tr>
<td>2012</td>
<td>132,349</td>
</tr>
<tr>
<td>2013</td>
<td>137,117</td>
</tr>
<tr>
<td>2014</td>
<td>151,050</td>
</tr>
<tr>
<td>2015</td>
<td>185,381</td>
</tr>
<tr>
<td>2016</td>
<td>203,808</td>
</tr>
<tr>
<td>2017</td>
<td>254,405</td>
</tr>
<tr>
<td>2018</td>
<td>282,285</td>
</tr>
</tbody>
</table>
Evolution of registered mortgages on counties 2018
Evolution of registered mortgages on properties category of use - 2018
Trasactions and Mortgages  2010 -2018
Transaction & Mortgages Evolution

Transactions and Mortgages Evolution

- 39.12%
- 23.79%
- 10.42%
- 16.87%

SYSTEMATIC REGISTRATION
Economic impact of systematic registration of properties in rural areas
Land Book Extracts for Information
manual vs automatic

Land book extracts for information
manual vs automatic

SYSTEMATIC REGISTRATION
Evolution of real estates registration
2009 - 2018

Graph showing the evolution of real estate registration from 2009 to 2018, with data points for total real estates, rural real estates, and urban real estates. The graph illustrates a steady increase in the number of real estates registered over the years.
Economic impact of systematic registration of properties in rural areas

- Increasing local budget revenue from property tax with approx. 15%

- Savings to owners' budget in rural areas as a result of free registration: over 516 mil Euro (CBA in SF POR for 793 UATs*3 assuming that UE project cover 1/3 of rural UATs)

- Incremental value of rural lending: over 118 mil Euro (CBA in SF POR for 793 UATs*3)

- Savings to Rural Investors: 20 mil Euro (CBA in SF POR for 793 UATs*3)
NATIONAL PROGRAM FOR CADASTRE AND LAND REGISTRATION

STATUS
Systematic cadaster - status

PNCCF Status at 31.05.2019
- Systematic Land Registration Works -

Legend
- Number of UAT with systematic land registration works completed (69)
- Number of UAT with systematic land registration works in progress (2,299)
out of a total of 3181 UAT, representing a percentage of 74%
Systematic cadaster – status on cadastral sectors

PNCCF Status at 31.05.2019
- Systematic Land Registration Works at Cadastral Sector Level -

Legend

Number of UAT with systematic land registration works at cadastral sector level: 2,197
Works completed in 4,450 cadastral sectors (612,820 ha)
Works in progress in 24,281 cadastral sectors (3,343,124 ha)
Systematic cadaster – status on ATU’s

PNCCF Status at 31.05.2019
- Systematic Land Registration Works at UAT Level -

Legend
- Number of UAT with systematic land registration works completed (89)
- Number of UAT with systematic land registration works in progress (160)

Map and details of different regions in Romania.
SOCIAL ASPECTS
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1870</td>
<td>Land book system introduced in Transylvania and North Bucovina</td>
</tr>
<tr>
<td>1918</td>
<td>Establishment of Romania</td>
</tr>
<tr>
<td>1921</td>
<td>First land reform (Law of 30 July)</td>
</tr>
<tr>
<td>1933</td>
<td>First cadastral law (Law no.93)</td>
</tr>
<tr>
<td>1938</td>
<td>First land registration law (Decree-Law no. 115/1938)</td>
</tr>
<tr>
<td>1945</td>
<td>Second land reform</td>
</tr>
<tr>
<td>1948</td>
<td>Nationalization of properties, collectivization of land</td>
</tr>
<tr>
<td>1960 - 1995</td>
<td>Land Registry managed by State Notaries</td>
</tr>
<tr>
<td>1989</td>
<td>New political regime starts in Romania</td>
</tr>
<tr>
<td>1991</td>
<td>Third land reform for restitution laws (Law no 18)</td>
</tr>
<tr>
<td>1995</td>
<td>Land Registry transferred to local courts</td>
</tr>
<tr>
<td>1996</td>
<td>New Law on cadastre and land registration (Law no.7/1996)</td>
</tr>
<tr>
<td>2004</td>
<td>Cadastre and land book in a single Agency:</td>
</tr>
</tbody>
</table>
Restitution Laws – areas that are still under the restitution process

Suprafata rezerva retrocedabila - teren agricol, la nivel de judet.
The National Strategy for Sustainable Development of Romania’s objective is to complete the basic framework of the general cadastre of Romania and to ensure the system’s transparency and accessibility:

- Stimulating the investment in the basic rural infrastructure: transport, energy, environment, health and social infrastructures;
- Increasing the accessibility of rural communities to EU funds;
- Promoting employment and supporting labor mobility from urban to rural areas;
- Decreasing the gap between well developed areas and the development levels of agricultural regions and other less favored regions;
Social aspects of cadastre

- Strengthening the economic, social and territorial cohesion, promoting overall harmonious development by reducing the differences between levels of development of rural versus urban regions and promoting development in disadvantaged regions;

- Reducing the difficulties facing mountainous areas, sparsely populated areas whose geographical situation slows down development in order to encourage sustainable development of these areas and regions;

- Promoting social inclusion and combating poverty;

- Encouraging sustainable development, protection of the environment and the efficient use of resources.
Vulnerable people identified in Pilot Project

- Total population: 208,980
- Disabled people: 5,054
- Illiterates: 4,164
- Roma people: 16,238
- Other minorities: 22,194
- Elderly: 49,210
- Widows/
  Single women: 18,385
- Persons under
  interdiction: 154
- Convicts: 347
Vulnerable people identified in Pilot Project

Main issues of vulnerable people in pilot project

- Lack of jobs thus lack of regular income
- Lack of property deeds on the land they possess
- Lack of identity documents
- Lack of marriage certificates, result of traditional marriage
- Passivity of local authorities which have tolerated the settlements but did nothing to formalize their situations
Study cases

Systematic vs Sporadic Registration
Economic aspects of cadastre

Transactions

Mortgages

Land Book Extracts for INFORMATION

- VALEA MARE
- BREBENI
- GÂNEASA
Economic aspects of cadastre

Transactions

Mortgages

Land Book Extracts for INFORMATION

Transactions

Mortgages

Land Book Extracts for INFORMATION
Economic aspects of cadaster
VALEA MARE  JUDETUL OLT
Economic aspects of cadastre

Transactions


81 117 93 105 113 115 173 187 177

83 138 165 540 335 589

115 127 139 141 133 139 333 340 383

173 266 280 266 351

VALEA MARE  BREBENI  GĂNEASA

SYSTEMATIC REGISTRATION
Economic aspects of cadastre

Mortgages

SYSTEMATIC REGISTRATION

VALEA MARE  BREDENI  GĂNEASA
Economic aspects of cadastre
“Without an integrated formal property system, a modern market economy is inconceivable.

Had the advanced nations of the West not integrated all representations into one standardized property system and made it accessible to all, they could not have specialized and divided labor to create the expanded market network and capital that have produced their present wealth.

The inefficiencies of non-Western markets have a lot to do with the fragmentation of their property arrangements and the unavailability of standard representations.”

Hernando de Soto,
The Mystery of Capital: Why Capitalism Triumphs in the West and Fails Everywhere Else
Thank you!

Victor GRIGORESCU
Systematic Registration Directorate

Radu Codruț ȘTEFĂNESCU
General Director

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