

THE NEEDS FOR IMPROVEMENT IN TURKISH LAND ADMINISTRATION SYSTEM: LESSONS LEARNED FROM GERMAN CASE

Mehmet CETE, Holger MAGEL and Tahsin YOMRALIOGLU

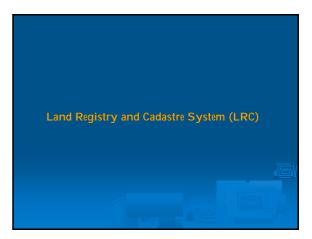
Content

Introduction

- Land registry and cadastre (LRC) system
 - Learning lange of from Commun
- Topographical Mapping System
 - Turkish topographical mapping system
 - Lessons learned from German case
- > Real Estate Valuation system
 - Turkish real estate valuation system
 - Lessons learned from German case
- Conclusion

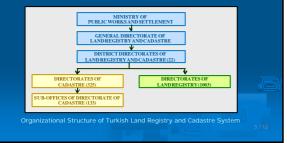
Introduction

- Importance of effective land administration systems
- The aim of the study is to evaluate efficiency of present Turkish land administration system (LAS) and to submit some proposals to develop its efficiency.
- Research on efficiency of Turkish LAS
- Research on German LAS
- Lessons learned



Furkish land registry and cadastre system

- Organizational structure consistent with modern requirements
- No inconsistency between the works and data of LRC offices



essons learned from German LRC system

- Turkish Cadastre Information System (TAKBIS) in development process
- German Cadastre Information System (ALKIS)
 - international standard:
 - common application schema with Authoritative Topographic-Cartographic Information System (ATKIS) and Authoritative Control Points Information System (AFIS)





Lessons learned from German LRC system

- Thanks to encouragement in transfer of real estates to heirs up-to-date registers
- stration
- Thanks to special groups in cadastre offices; up-to-date buildings data on cadastral mans



Topographical Mapping System

urkish topographical mapping system

- Responsible authority for;
 - 1:10.000 and smaller scale: General Command of Mapping
 - 1:5.000 and larger scale: different government institutions
- Main producers and users of large scale maps: Municipalities
- The two ways to have large scale maps i municipal areas:
 - Municipality personnel
 - Provinces Bank



Lessons learned from German topographical mapping system

- Turkish General Command of Mapping (GCM);
 - central organization
 - not enough technical personnel and tools to carry out to mapping works for the whole country
- No digital topographical maps in vector format and object-oriented structure in most part of the country.
- The responsible organization for topographical mapping in Germany Surveying and mapping administrations of the states.
- In Turkish case: The District Directorates of Land Registry and Cadastre.

essons learned from German topographical mapping system

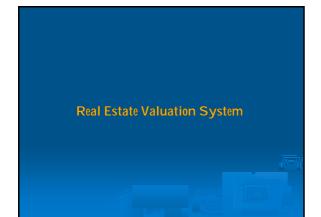
- Lack of:
 - effective coordination in production of 1:5.000 and larger scale topographical maps in Turkey
 - effective coordination in building up geodetic control points in the field
- The District Directorates of Turkish LRC should also
 - contract and supervise municipal mapping works
 - carry out works for topographic and geodetic control point information systems
- General Directorate of Turkish LRC could be responsible for nation-wid data requests and supervise works of District Directorates like in Germany.

essons learned from German topographical mapping system.

- > Thanks to the proposed approach;
 - All mapping activities under the same organization
 - · revention of overlapping works
 - Data captured once, used in all mapping levels
 - International standards
- The same data structure with other spatial information system works
- Topographical Information
 System







Turkish real estate valuation system

- > Valuation works for taxation purpose once in 4 years by municipalities
- Valuation works especially for expropriation purpose by some government institutions
- Each municipality and government institution has its own valuation committee
- > About 15 institutions carrying out valuation works in Turkey

Lessons learned from German real estate valuation system

- A specific valuation law and guidelines in which the system is dearly defined
- Evaluation of purchase prices and object characteristics in valuation works of the committees
- Guiding prices, annual reports and maps based on real market price
- Using the valuation information provided by the committees by all public and private users

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Conclusion

- Countries should evaluate effectiveness of their land administration systems and adapt them to new developments.
- This study aims at evaluating effectiveness of Turkish LAS and submitting some proposals for better administration of it.
- In defining improvement way, the experiences learned from German land administration system have been a guide.
- Such case study approaches are also proposed to the other countries where there are needs for reengineering or improvement in the land administration system.

thanks for your attention

Mehmet (ETE Karadeniz Technical University Department of Geodesy and Floroogrammetry Trab.con. TURKEY Tel.: -00 (462) 3722704 Fax: -00 (462) 3722704 Fax: -00 (462) 3722704 e - mail: meete@ktu.eduar