



Research Objectives

Main objective is to investigate the conformity between the Land Administration Domain Model and the Vietnamese Land Administration system. There are three sub-objectives:

✓To determine the similarities and differences between the existing systems in Vietnam (including land law 2003, legal documents, cadastral data standard, and LIS implementations) and LADM.

✓ To identify the users' requirements for Vietnamese LA system.

✓To identify the classes in LADM that can be applied directly in Vietnam, and the classes that have to be modified, or extended to suit Vietnamese conditions.

Research Questions

- 1. What are the similarities of the goals between the existing systems relevant to Vietnamese LAS and LADM?
- 2. What are the similarities and differences of the concepts between the existing systems relevant to Vietnamese LAS and LADM?
- 3. What are the users' requirements for Vietnamese LAS?
- 4. What LADM classes can be applied directly in Vietnamese LAS?
- 5. What LADM classes have to be modified to be suitable in Vietnamese LAS?
- 6. How to design a LA system in conformance with LADM for Vietnamese LAS?

Research Methodology

- ✓ Literature review: to review the literature that supports this research such as Modern Cadastral vision, LADM, LA systems in Vietnam.
- Field survey: to collect user requirements through interviews (in Thanh Xuan district and Tan Linh commune, Ba Vi district); to collect documents through offices, and internet.
- Comparative analysis: to definite the similarities and the differences between LAS in Vietnam and LADM.
- Consulting experts' opinions.

Overview of LADM

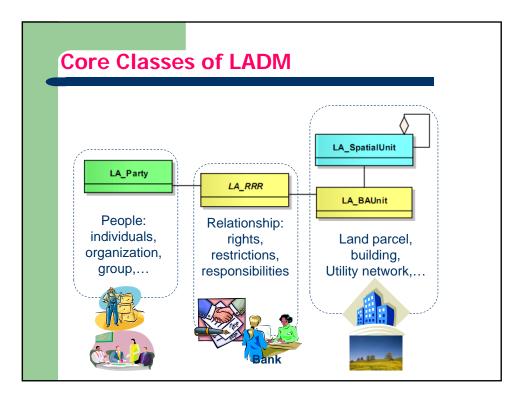
LADM (Land Administration Domain Model)

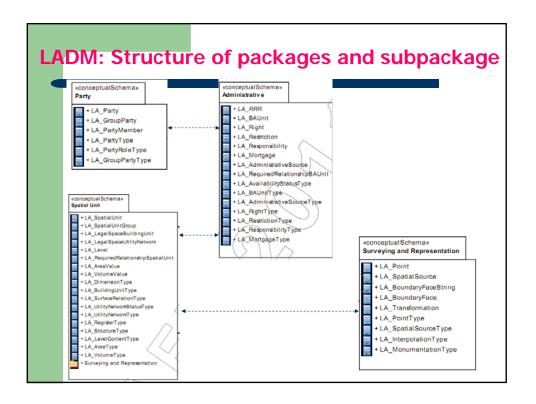
- A conceptual model

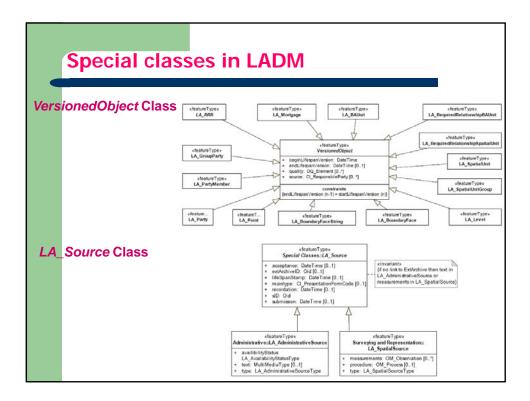
- To show the data related to components of land administration (including cadastral record and land registration)

Objectives of LADM

- Model for building Land Administration Systems (LAS)
- Basis for communication among countries in LA (a Land Administration terminology)







Country profiles:			
- Portugal			
- Indonesia			
- Japan			
- Hungary			
- The Netherlands,			
 LADM is consider completely not mean a Land Administrate adapted to each concernity between 	ant to define a on Information untry situation , if Vietnam wa	worldwide appl System. Indee ants to apply L/	licable standard ed, it must be ADM to its LAS

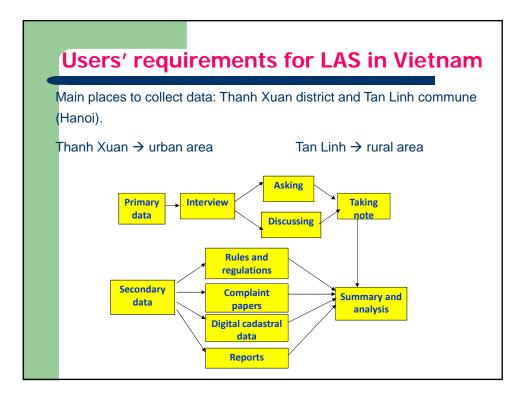


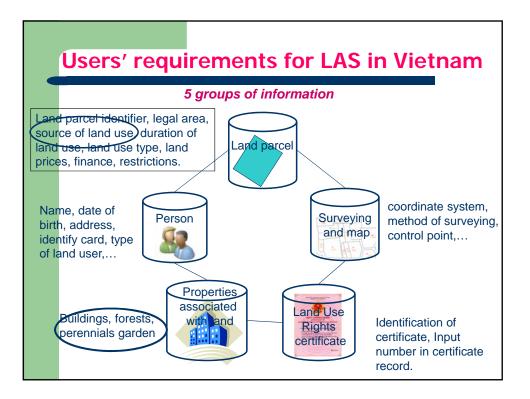
Vietnamese Land Administration System Characteristic of land ownershipLand by law is belonging to all people with the State acting as the representative owner (Land law 2003). The owner is the State, the others are right holders or land users. The State grant land use rights to land users via the form of land allocation, land lease, and recognition of land use rights for persons currently using the land stably ("Land use source"). Land use source shows the role of ownership of the State. The difference between land parcel and properties associated with land (include buildings, forests, perennials garden). Land users can own properties; however, they can not own their land parcels.

Vietnamese Land Administration System

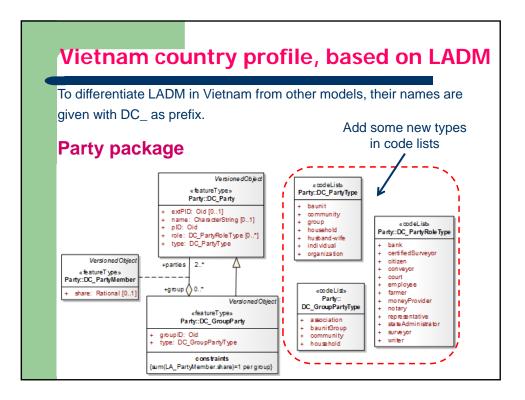
Land users, land use rights, restrictions, and responsibilities?

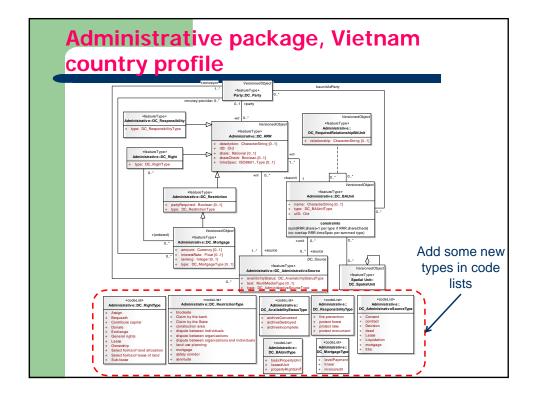
- Type of land users: domestic organizations, households, individuals, communities, religious establishments (e.g. pagodas), foreign organizations with diplomatic functions, Vietnamese residing overseas who invest in Vietnam, foreign organizations and individuals investing in Vietnam.
- Rights: exchange, assign, lease, sub-lease, bequeath and donate a land use right; right to mortgage, guarantee and contribute capital using land use rights; and the right to be paid compensation when the State recovers land.
- Depending on the type of land users and the type of land use source as well as financial contribution to the government, land users might have full rights or less.

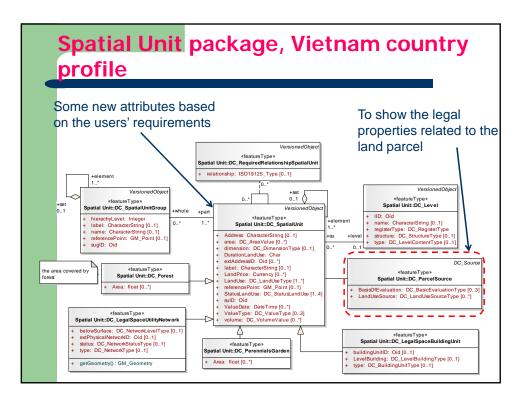


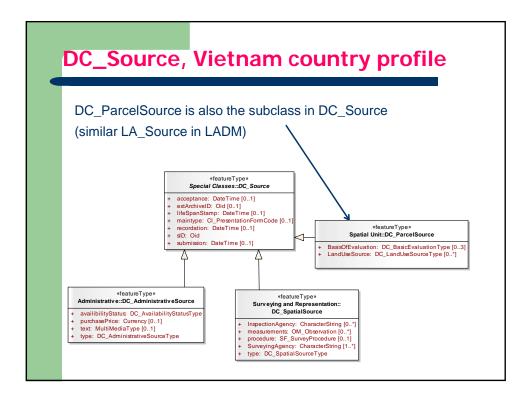


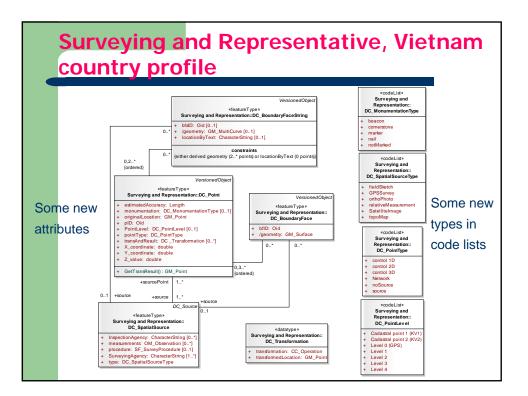
Similarities and differences between LADM differences between the between th

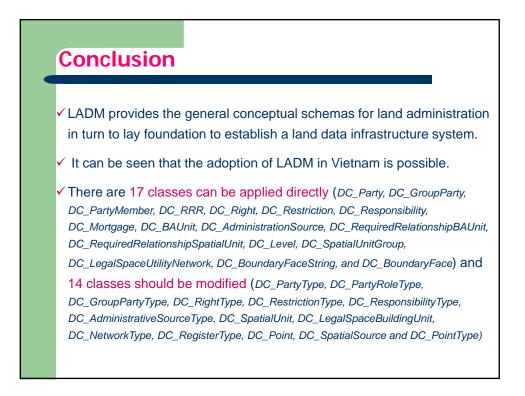












Conclusion

- ✓ Vietnam country profile shows the characteristics of land ownership that land belongs to all people and the role of the State as owner via the new proposed class named "DC_Parcel Source".
- Moreover, to present the properties associated with land more complete; this research also adds two new classes, which are DC_Forest and DC_ PerennialGarden. They are subclasses of DC_SpatialUnit.
- This research is considered as the initial research to find out the conformity between LADM and Vietnamese LAS. In the future, these results should be validated through the specific model and system.

