

Presentation Outline

- □ About Us
- LASIS Implementation
- Work Through
- Achievements
- Lessons Learned
- What's Next

Sarawak Land Size: 124,450 sq km

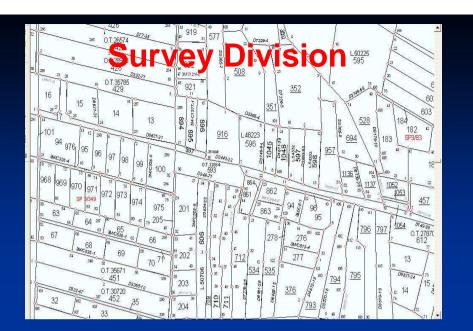


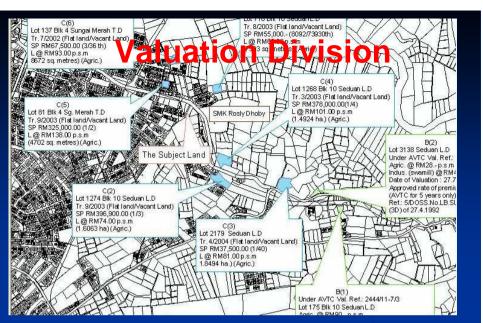
VISION

To be an excellent land administration and land management organization.

MISSION

To administer and manage land to the best advantage to the State and people with professionalism and integrity in tandem with the aspiration of the State.





Core Businesses





PLANNING DIVISION

- Urban Design and Regional Study
- Development Control & Subdivision of Land
- Site Selection For Projects
- Planning & Coordination of 5 Years Malaysia
 Plan Under Land & Survey Expenditure Head





SURVEY DIVISION

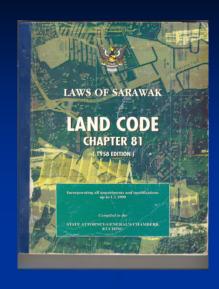
- Geodetic Survey
- Topographical Survey
- Cadastral Survey
- Mapping and Aerial Photography





LAND DIVISION

- Land Administration
 - Enforcement
 - Application and Alienation of Land
- Land Registry
- Adjudication of Native Customary Rights
- Mining and Rock Materials Licenses
- Collection of Land Revenue



VALUATION DIVISION

- Compulsory Land Acquisition
- Valuation of Landed Properties



2010 Implementation LASIS Phase 2 to Limbang, Kapit Bintulu & Sri Aman Journey 2009 Implementation LASIS Phase 2 to Sarikei, Mukah, Samarahan & Betong 2008 Implementation LASIS Phase 2 to Kuching and Miri Divisions 2007 Implementation LASIS Phase 2 to Headquarters and Sibu Division 2004 **Re-development of Cadastral Mapping System** Phase 2 2001 Commencement of LASIS Phase 2 project 2002 Replication of LASIS (v.3) to the new Mukah &Betong Divisions. 2000 Replication of LASIS (v.3) State-wide 1998 Re-development of Survey Computation System (v.3). 1996 LASIS (v.2) goes on-line in Miri. 1994 Re-development of LASIS Phase 1 in Miri. 1991 Launching of Computerized Public Counters (CLARES) by YB Datuk Dr. George Chan. 1988 Launching of LASIS Phase 1 (v.1) Kuching by YAB Ketua Menteri (CM). **Formation of State Computerization Committee** Phase 1 1984 LASIS Phase 1 initiated by YAB Ketua Menteri

LASIS Phase 1

Core Information for Land Administration

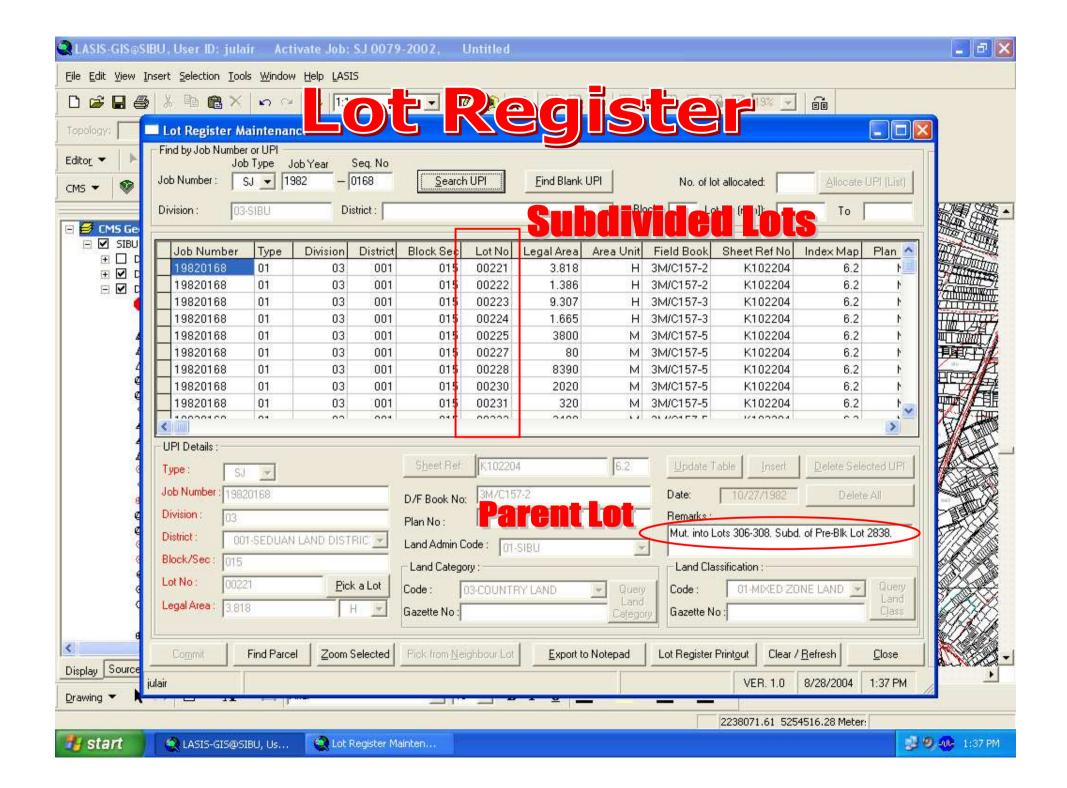
- Survey & Cadastral Map
 - Location, boundary, area, accessibility
- Title Information
 - Ownership, encumbrances, approved usage and conditions
- Land Revenue
 - > Land rent and premium payable, due date

Survey Computation System

- eBook Office System
- Digital Survey Job submission
- Automated Survey Job screening
- Detail survey computation checking
- Posting SPO (Survey Plan Outline) to Cadastral Mapping
- Provide Lease Diagram for Title Preparation

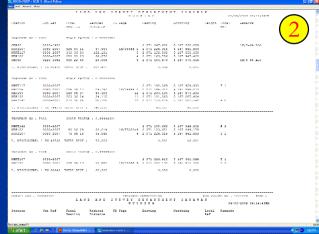
Cadastral Mapping

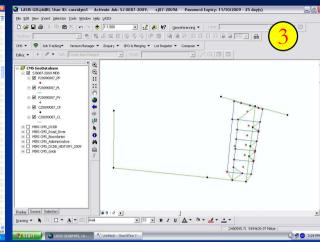
- Maintain a register for all land parcels in the State
- Updating of cadastral map through SPO merging
- Providing cadastral information for land management and development planning
- Geo-spatial layers as a base map for Sarawak



Creating Accurate Parcel Data



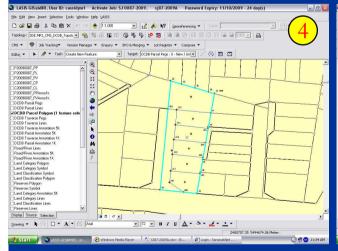


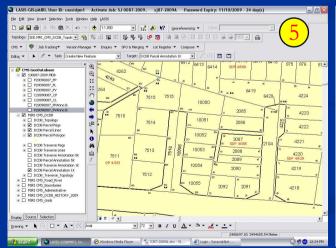


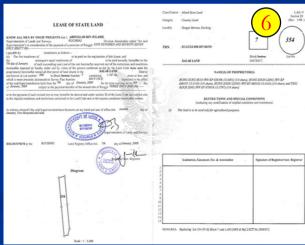
Field Survey

Survey Computation

Generate SPO







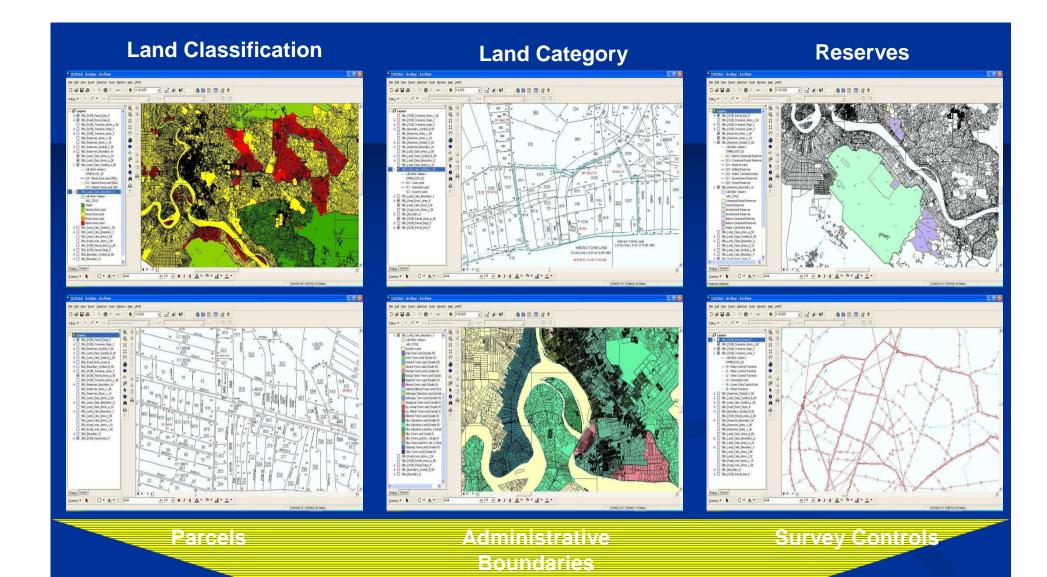
Merging Process

Update Cadastral Map

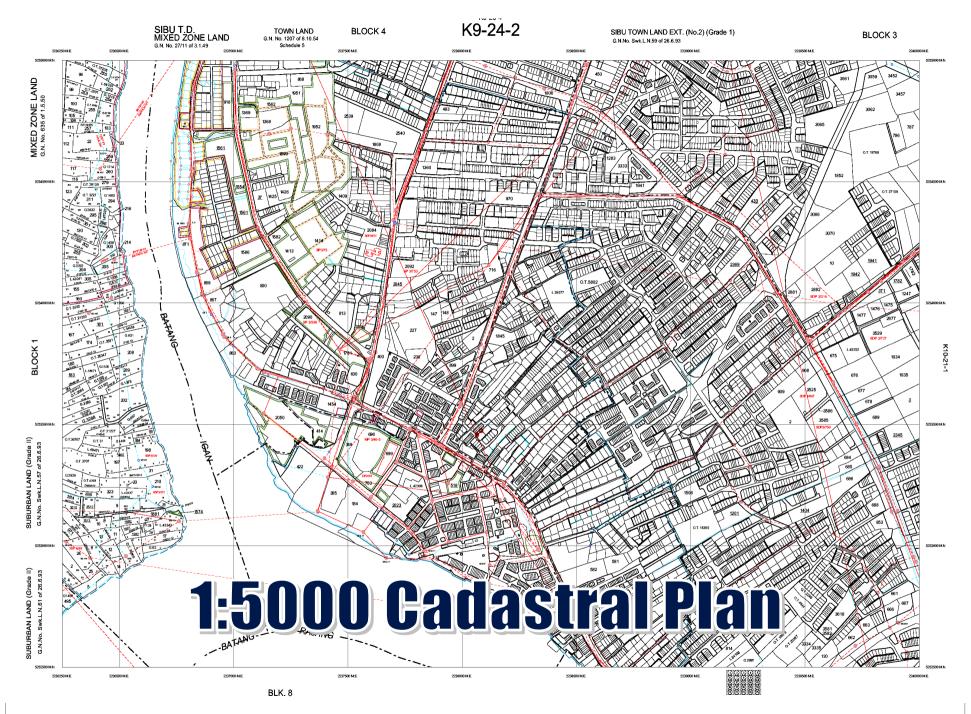
Print Title with Lease Diagram

Cadastre as Core Components of SDI

- Coordinates Reference System
- Administrative Boundaries
- Cadastral Parcels
- Reserves
- Land Classifications
- Land Categories
- Areas
- Survey Controls
- Gazette Notifications



68 feature classes



Title Registration System

- Provide facility to process registration of titles and land instruments.
- Permit immediate enquiries on Land Titles.
- Provide facility to create and maintain rent records.
- Generate statistics for monitoring.
- Maintenance of data on titles and land instruments.

Total Value of Land Instruments in 2008

No. of	Value (RM)
Instruments	
98,019	14,011,971,525.40

Revenue System

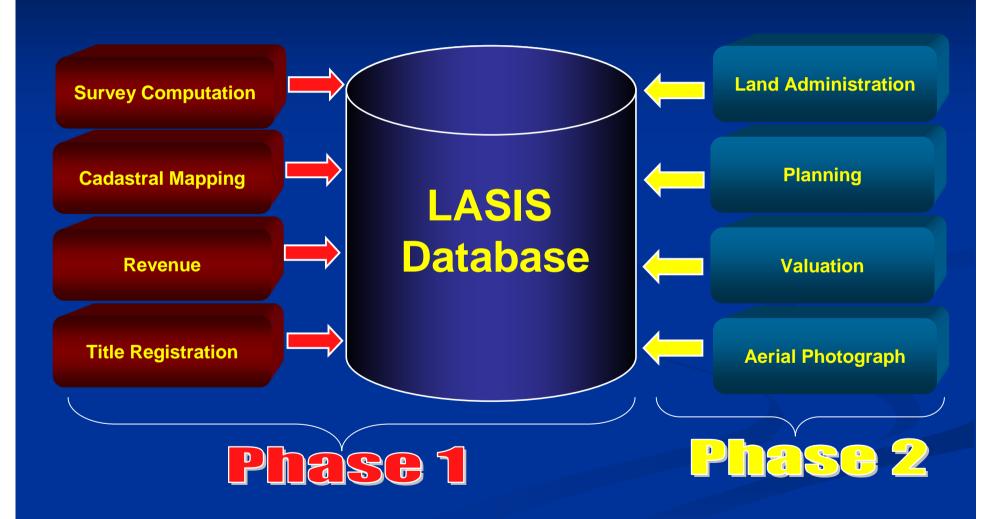
- Fully automated system except payment collection at the counters
- Provide on-line payment of land rent & premium.

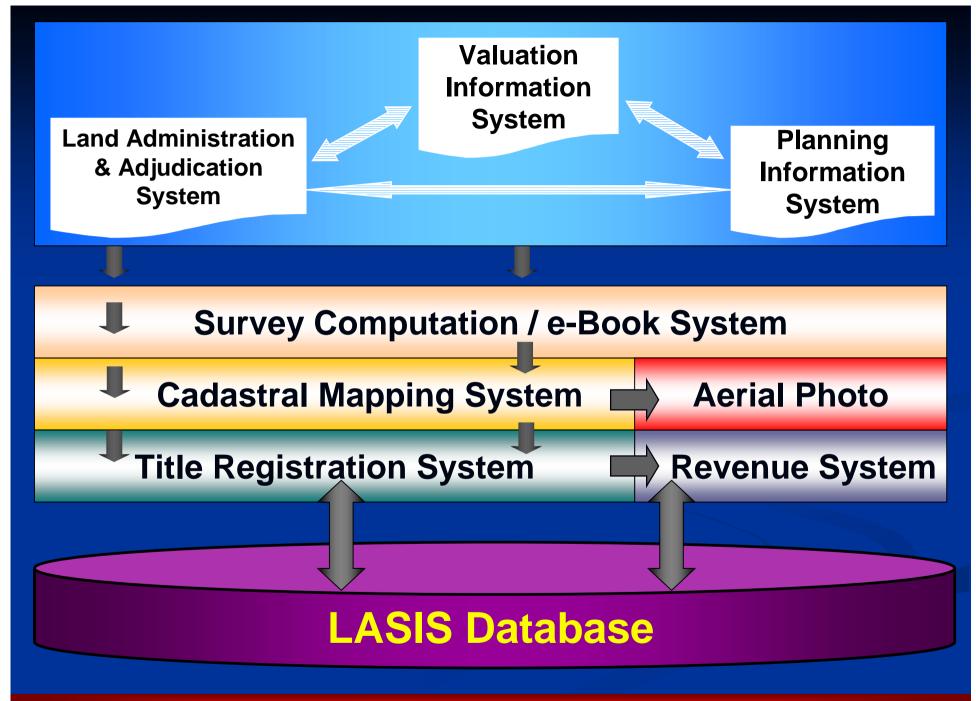
Rationale

- LASIS Phase 1 process automation and production of core data
 - Coordinated cadastral system
 - > UPI, UPN, TRN

■ LASIS Phase 2 – application system optimising core data of LASIS Phase 1

IT Vision - One Department One System





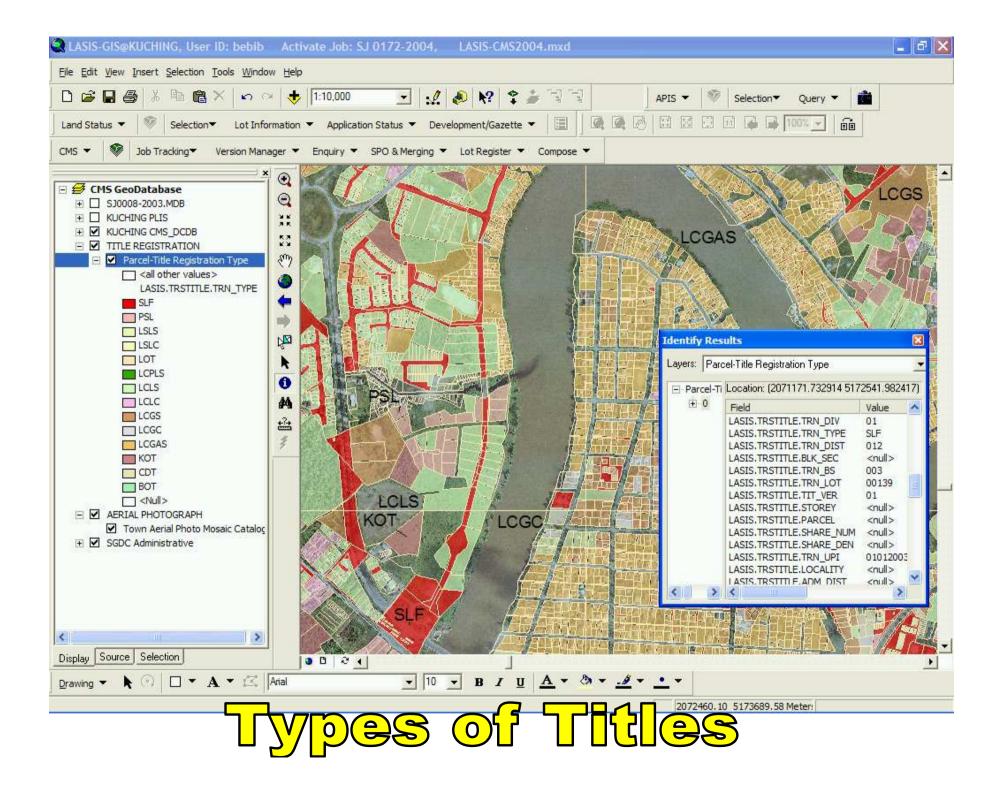
LASIS Phase 2

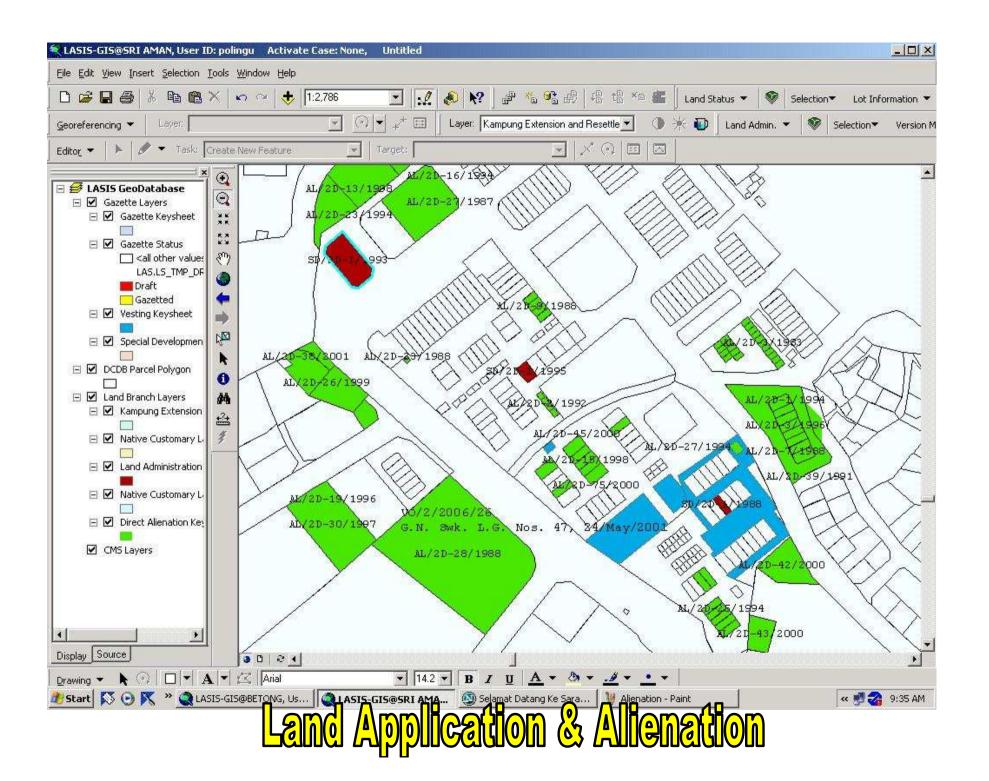
Integrated System to enhance service delivery in Land Administration

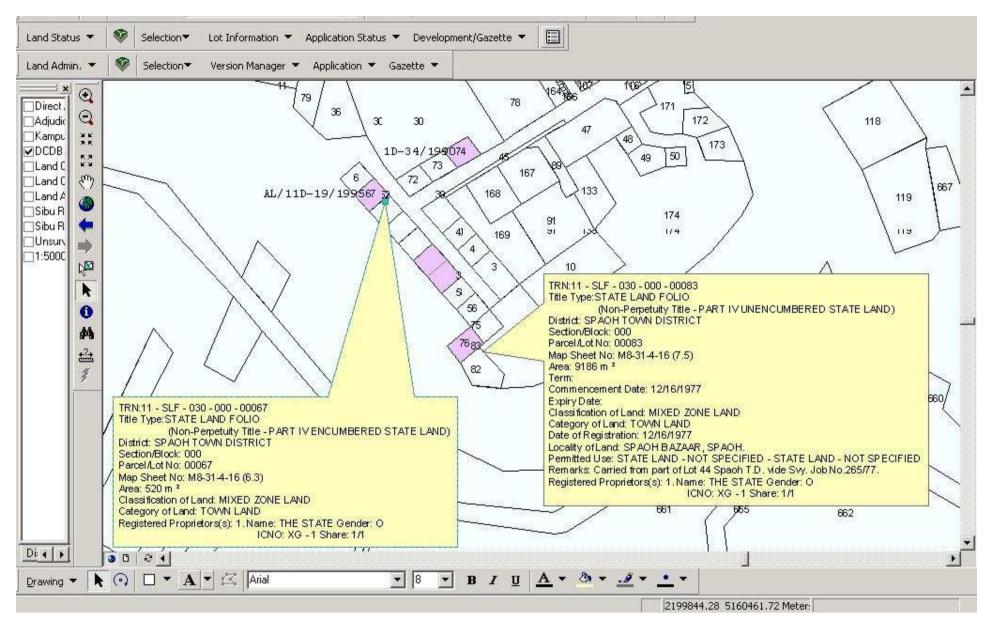
- Valuation Information System (VIS)
- Planning Information System (PLIS)
- Land Administration & Adjudication System (LAAS)
- Aerial Photograph Information System (APIS)

Land Administration & Adjudication System

- Facility for processing and monitoring of land applications
- On-line submission and approval of land application cases between Headquarters and Divisions.
- Provide data for title preparation.
- Land Status Checking.



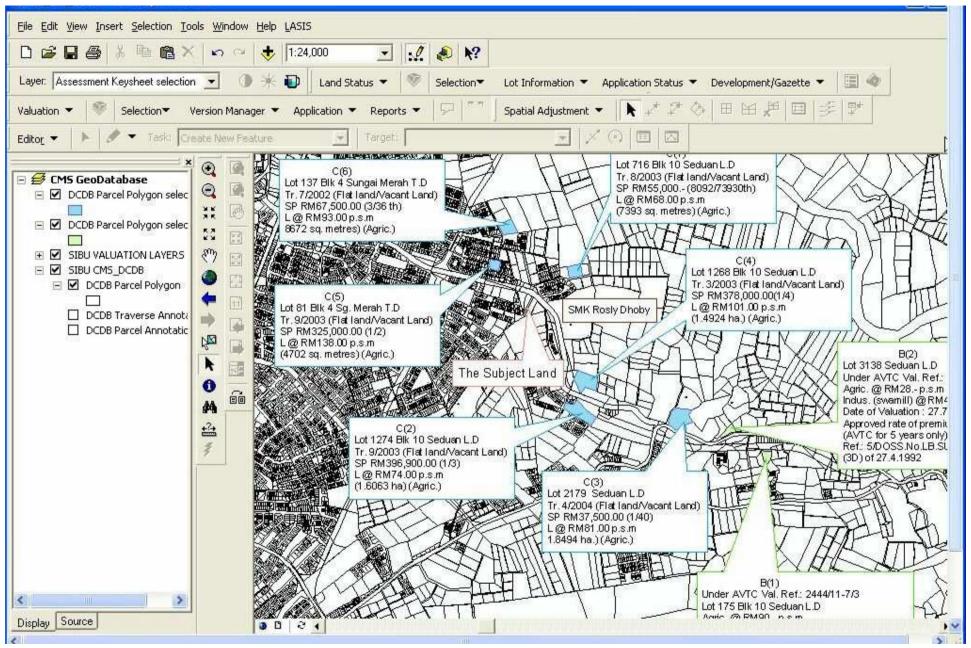




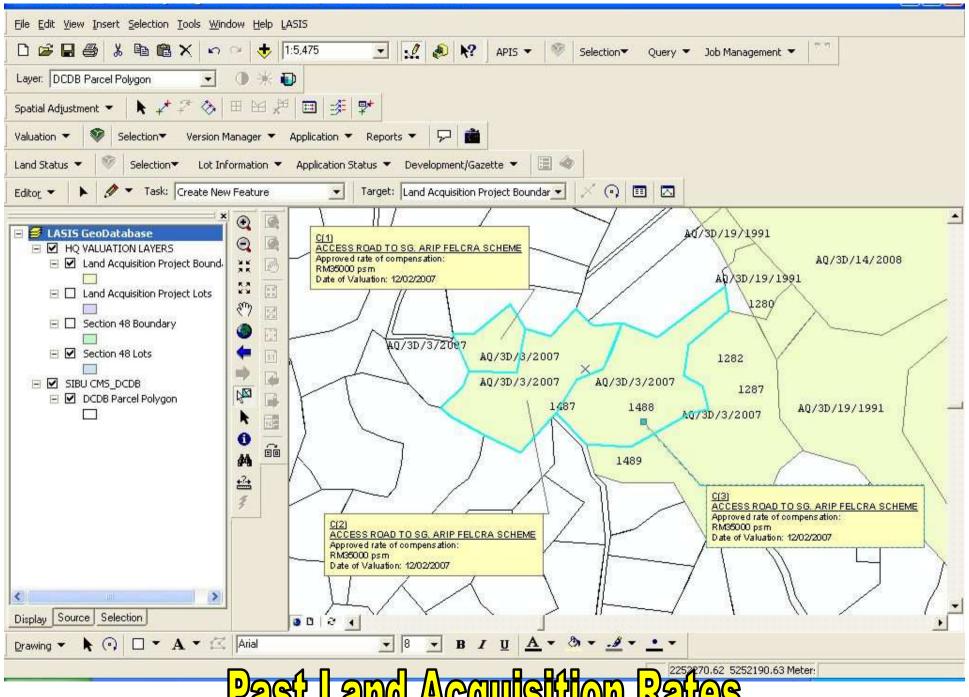
Land Status Checking

Valuation Information System

- Facility to process land acquisition.
- Database of land acquired for public purposes.
- Database pertaining to record of property market transactions.
- Facility to value landed properties.



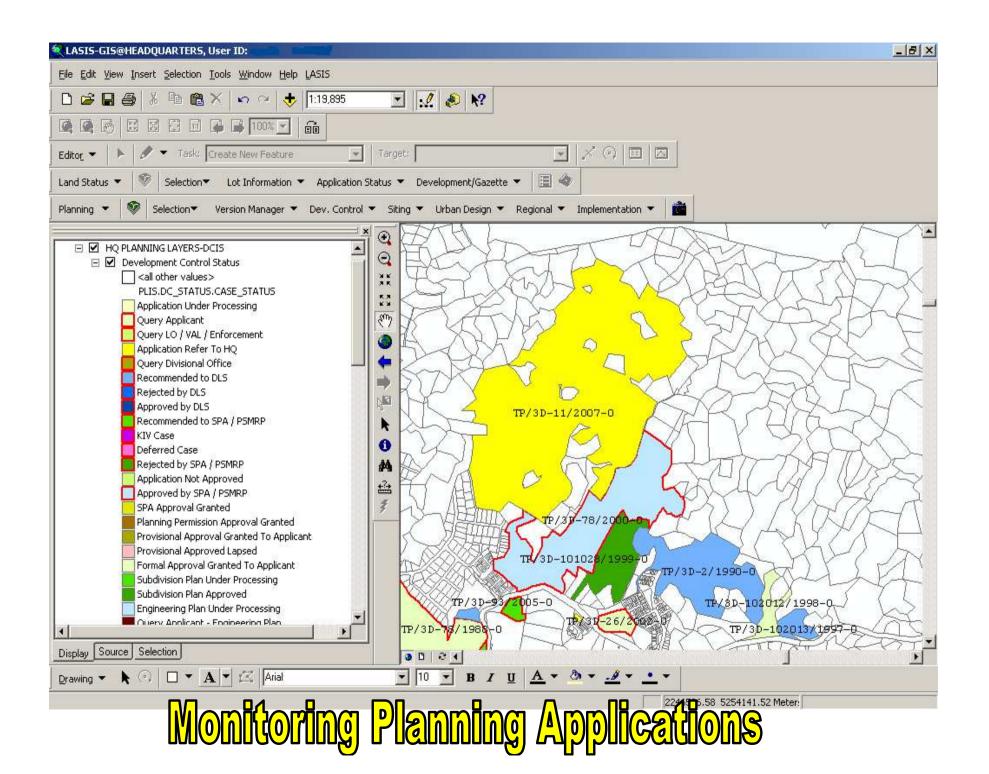
Land Sales Data

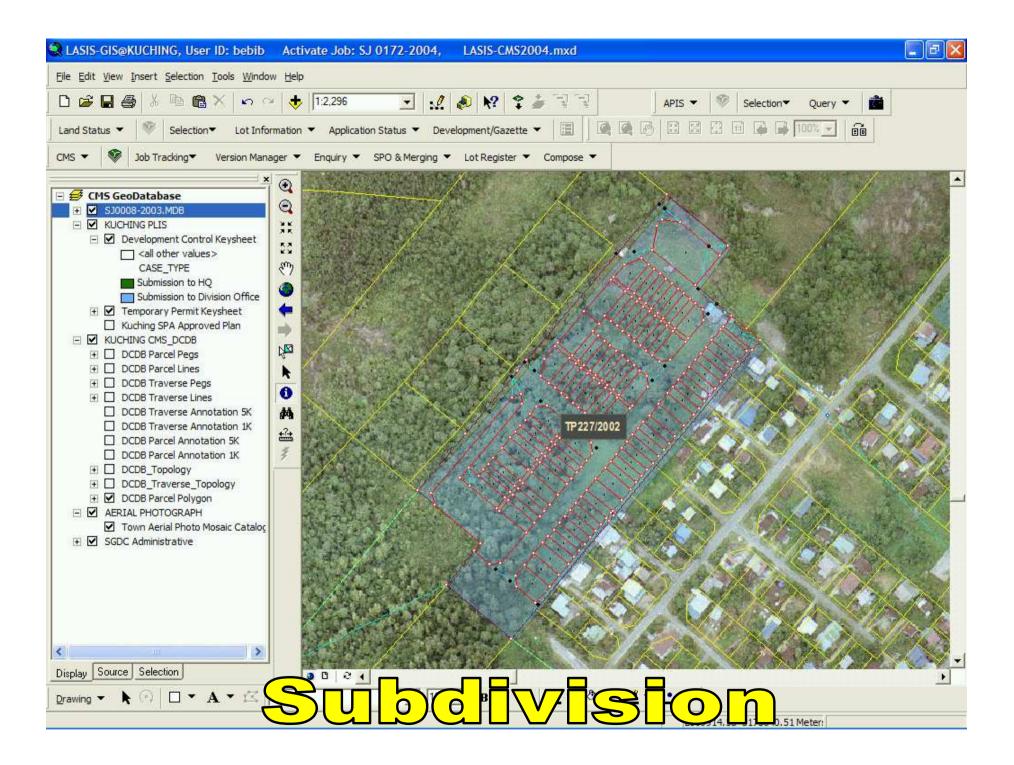


Past Land Acquisition Rates

Planning Information System

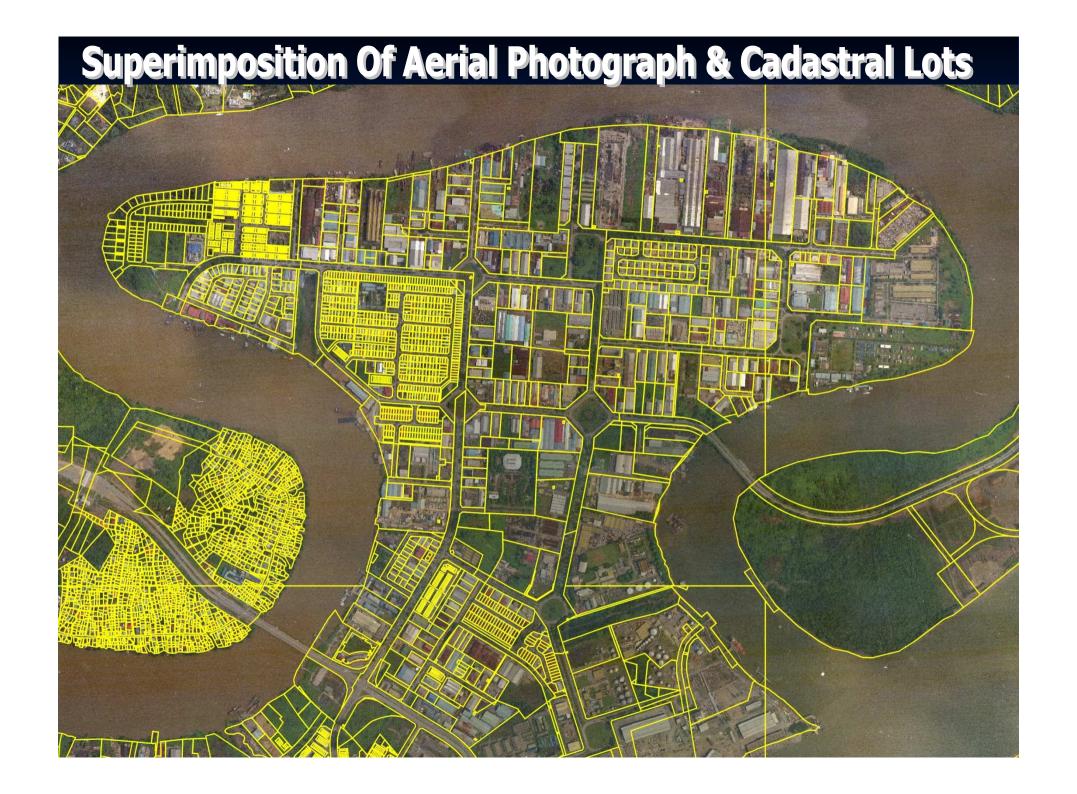
- Process application for development / redevelopment of land
- Siting of projects
- Planning and implementation of development projects.
- Formulate & design Structure Plan, Local Plan, etc.
- Records of regional, sub-regional, feasibility and EIA studies.



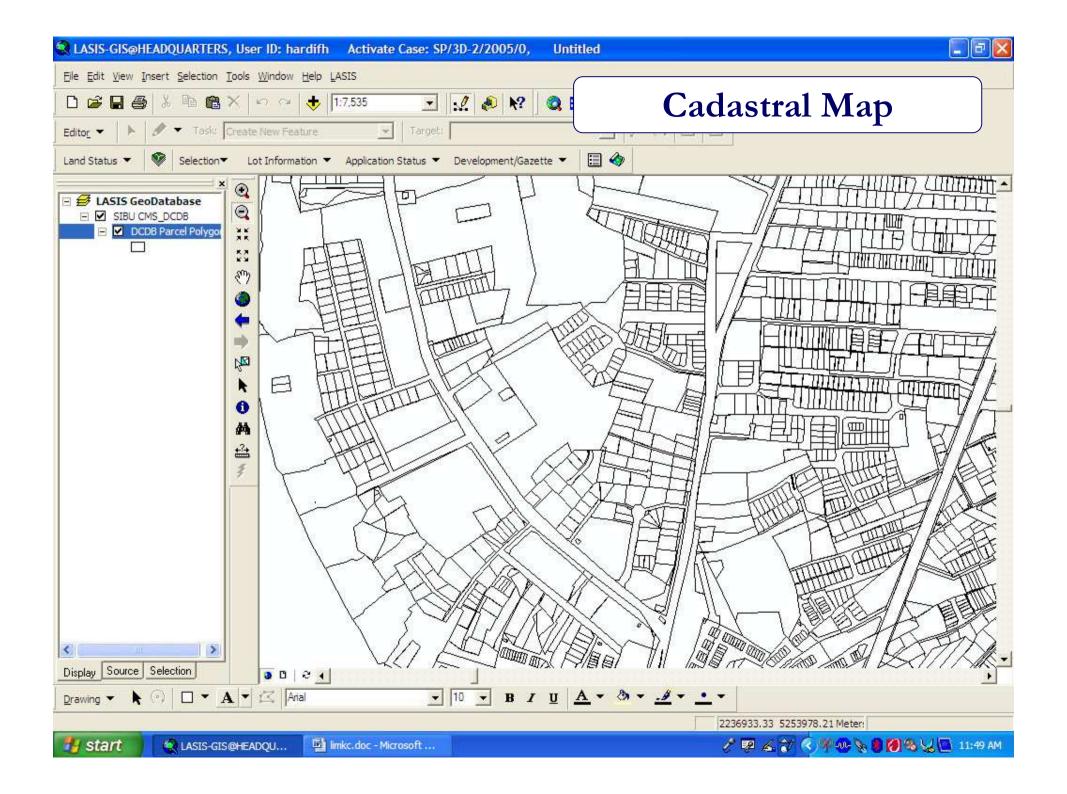


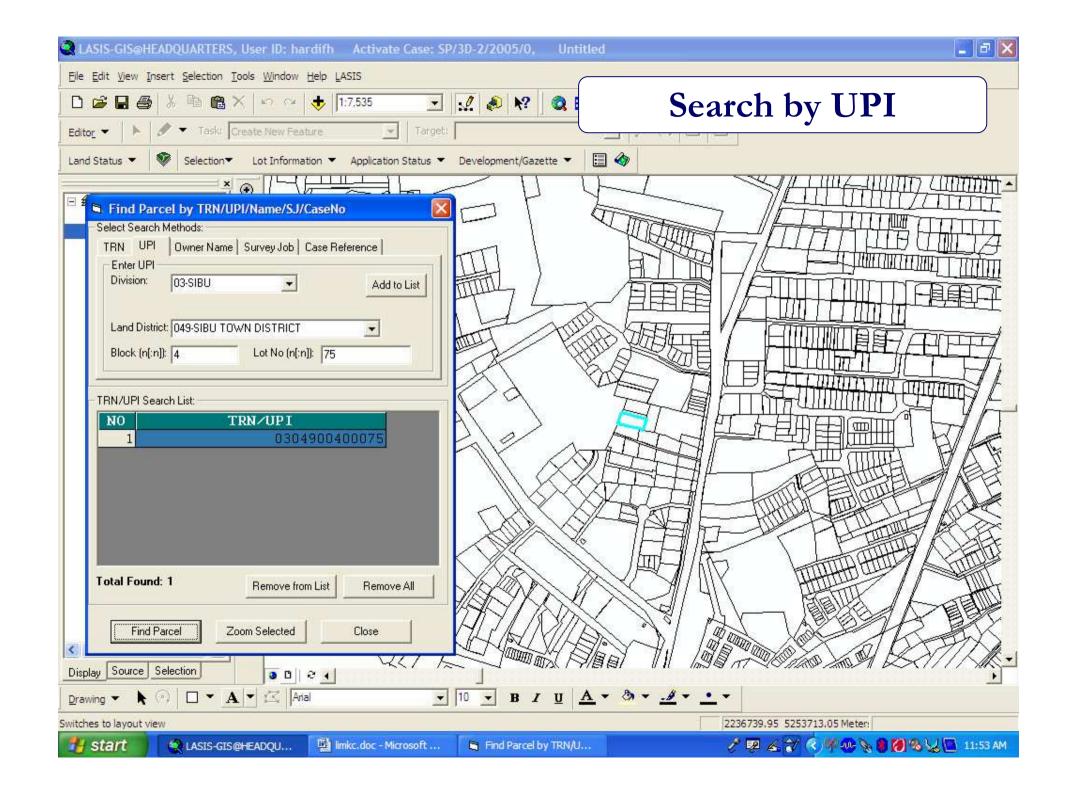
Aerial Photograph Information System

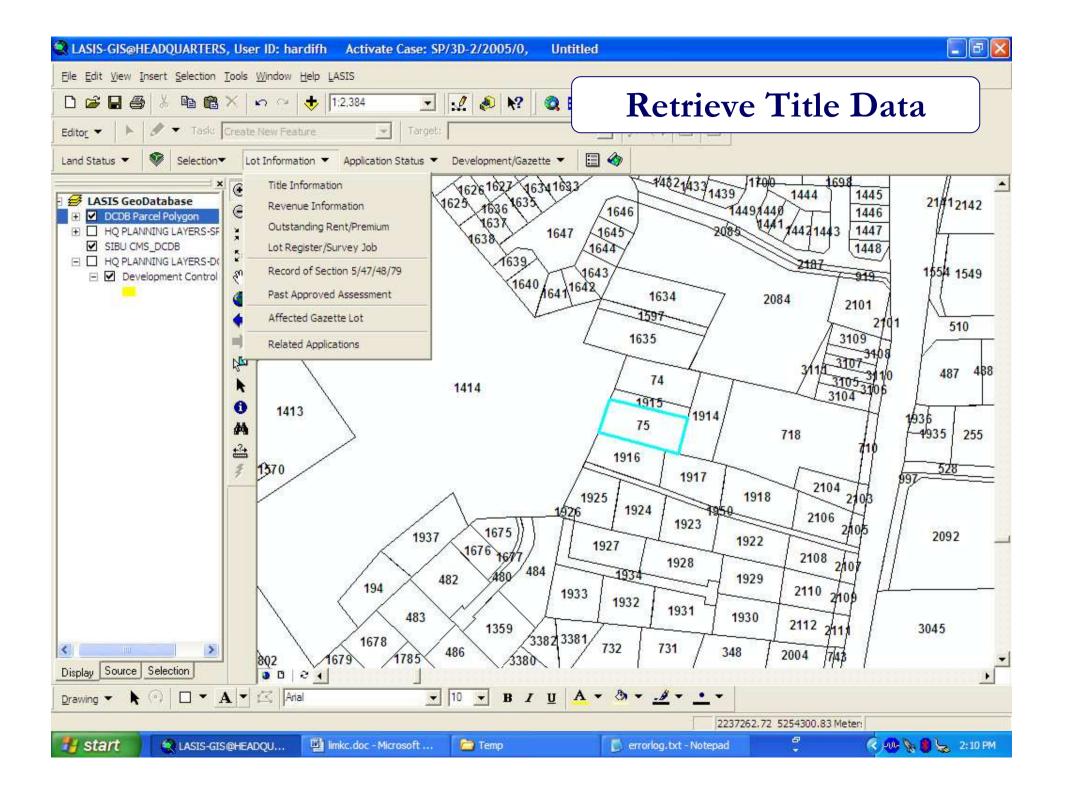
Setup and maintain a database for Aerial Photographs & Orthophotos.



Walk through on System Integration







TRN : 03-LCGS -049-004-00075

Title Type : GRANT OF STATE LAN

Title Number

District : Sibu Town District

Section/Block Number : 004
Parcel/Lot Number : 00075

Map Sheet Number : K9-24-2-7(6.3) -15562D-

Area : 1,323.00000 Sq. Metres, more or less

 Annual Rent
 : RM 119.00

 Term
 : 942 years

Commencement & Expiry Date : From 24/07/1971 To 31/12/2913

Classification Of Land : Mixed Zone Land
Category Of Land : Town Land
Date Of Registration : 24/07/1971

Locality Of Land : QUEENSWAY, SIBU.

Special Conditions:

This land is to be used only for the purpose of a dwelling house and necessary appurtenances thereto; and

(ii) Any alteration to the existing building on this land or any new building to be erected thereon shall be in accordance with plans sections and elevations approved by the Superintendent of Lands and Surveys, Third Division and shall also be in accordance with detailed drawings and specifications approved by the Sibu Urban District Council and shall be completed within one (1) year from the date of such approval by the Council.

Registered Proprietor(s):

Name : SHARIKAT MARSING (JOHORE BAHRU) SENDIRIAN BERHAD

Share : 1/1

Transfer, Power of Attorney, Sublease, Charge, Caveat, Etc. :

Nil

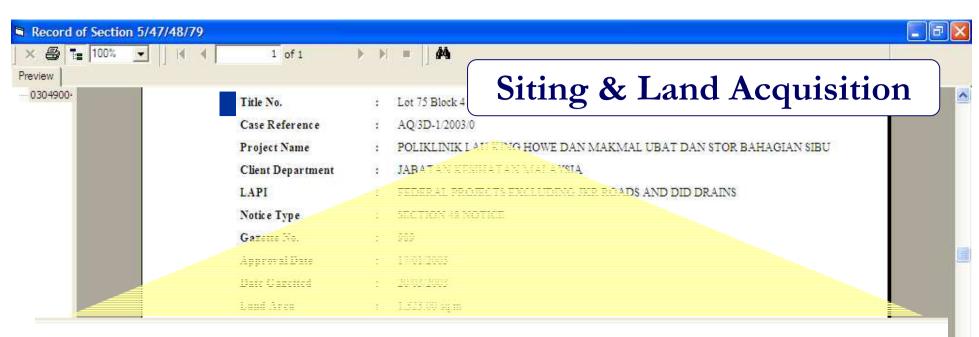
Limitation, Easement, Etc & Annotation :

Application for issue of new document of title No. 60/82. Gazette Notification No. 2253 dated 15.07.1982. New issue document of title issued on 16.08.1982.

L-006181/2003 Registered on 13/06/2003 09:15:00

This land is needed for public purpose under Section 48 of the Land Code vide L.6181/2003 of 13.06.2003.

Title Information



Title No. : Lot 75 Block 4 SIBU TOWN DISTRICT

Case Reference : AQ/3D-1/2003/0

Project Name : POLIKLINIK LAU KING HOWE DAN MAKMAL UBAT DAN STOR BAHAGIAN SIBU

Client Department : JABATAN KESIHATAN MALAYSIA

LAPI : FEDERAL PROJECTS EXCLUDING JKR ROADS AND DID DRAINS

Notice Type : SECTION 48 NOTICE

Gazette No. : 989

Approval Date : 17/01/2003

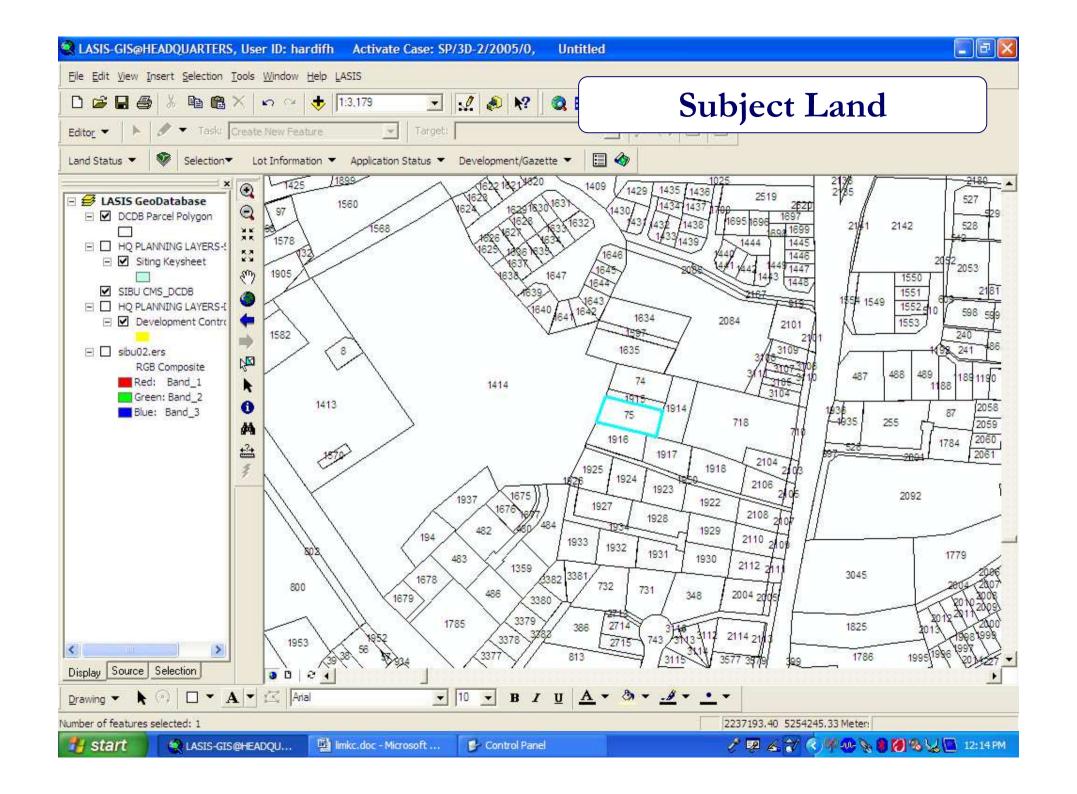
Date Gazetted : 20/03/2003

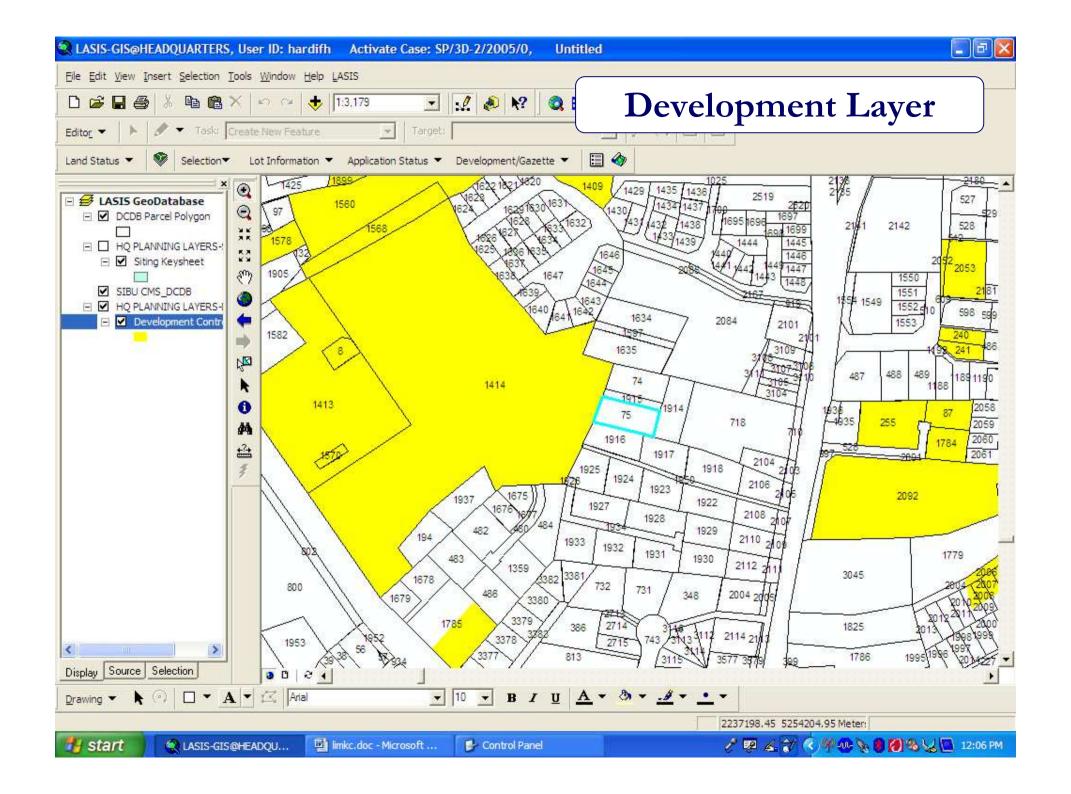
Land Area : 1,323.00 sq.m

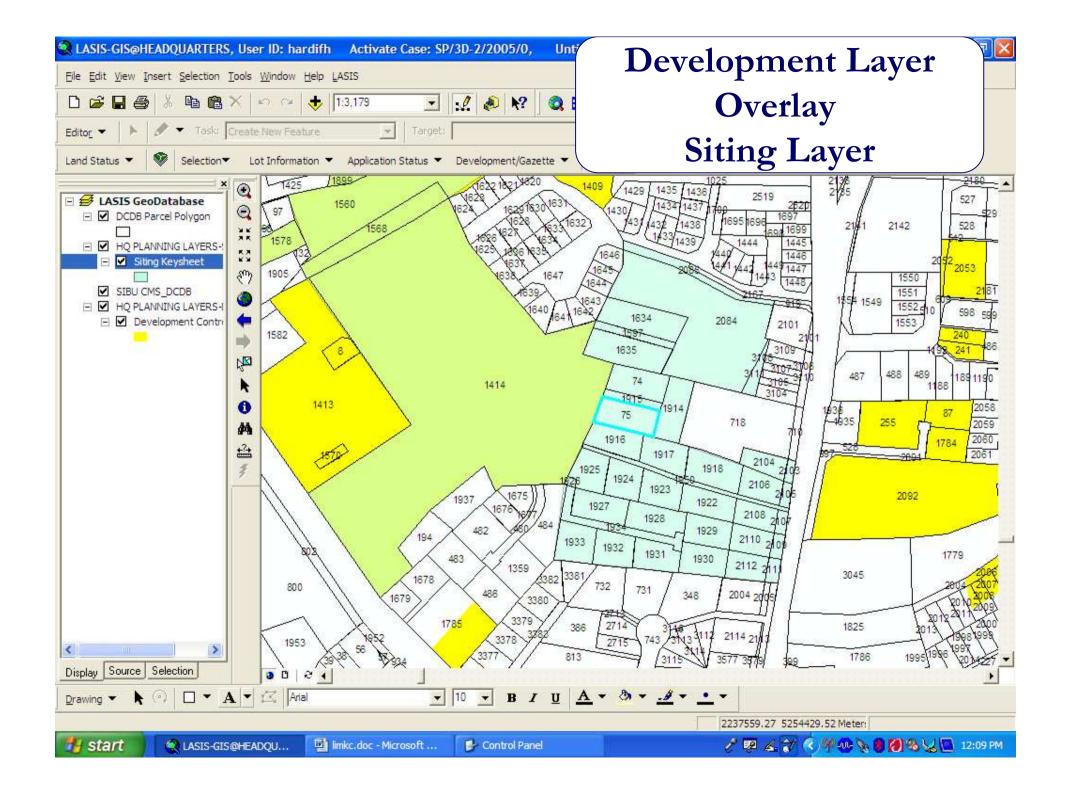
Area Affected : 1,323.00 sq.m

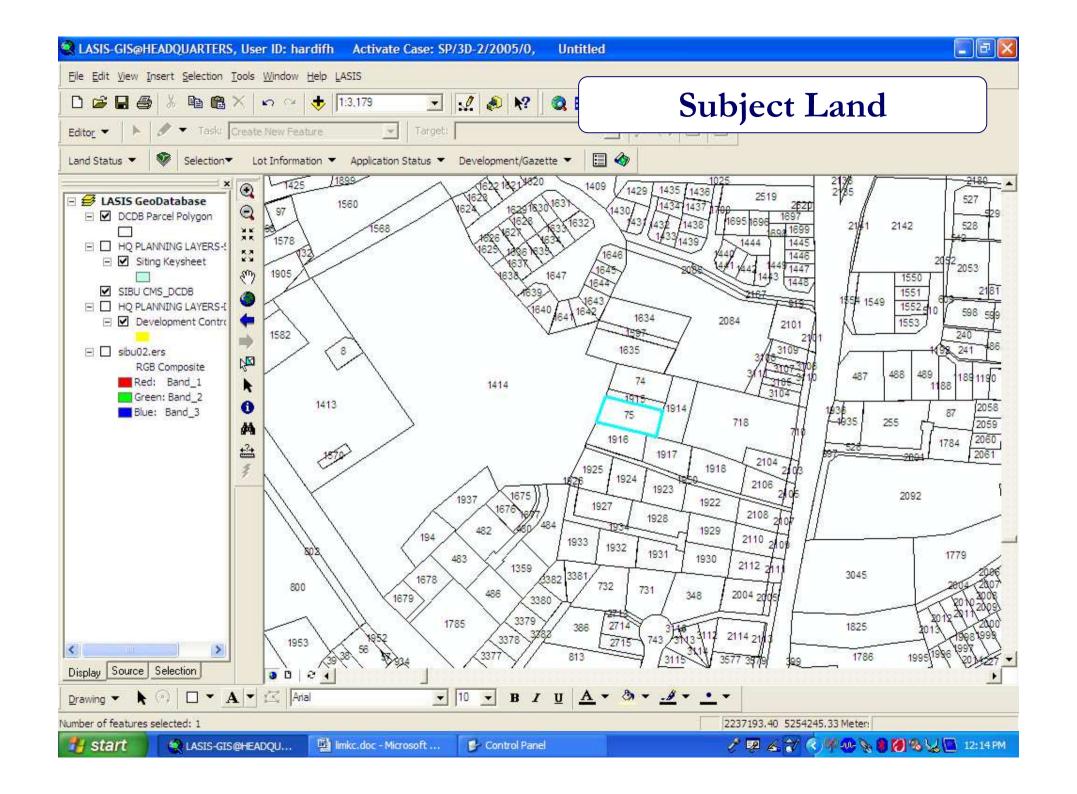
<

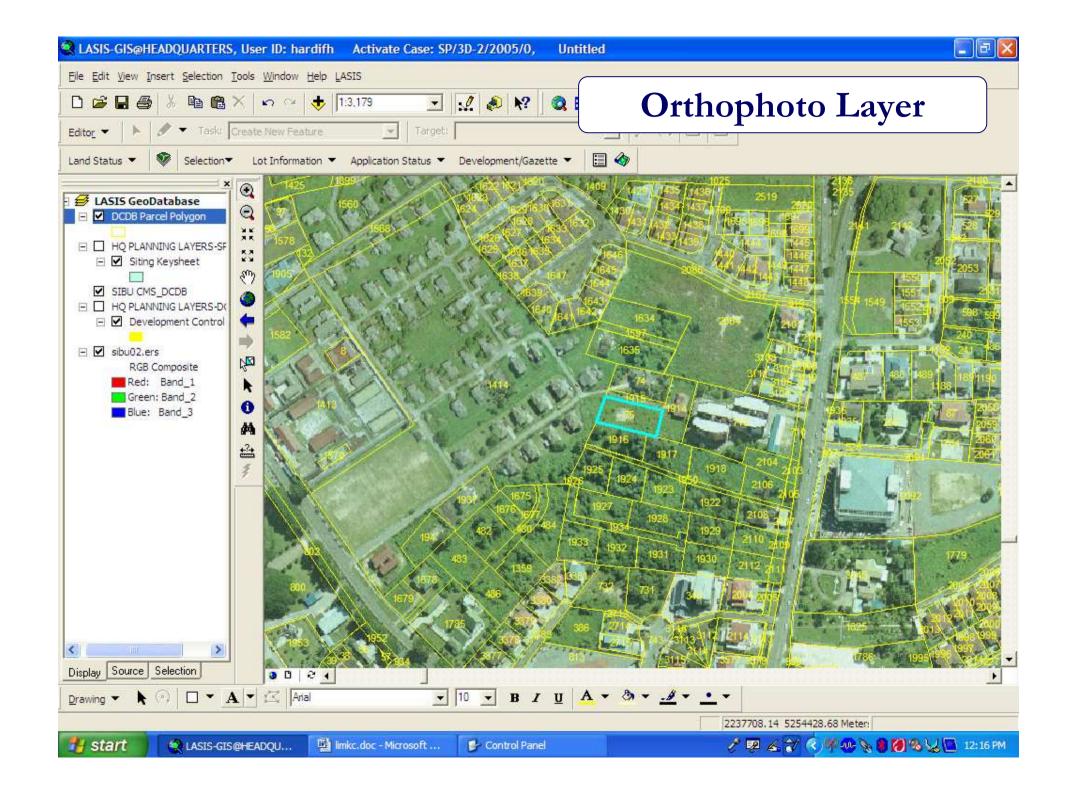
Registered Proprietor : SHARIKAT MARSING (JOHORE BAHRU) SENDIRIAN BERHAD

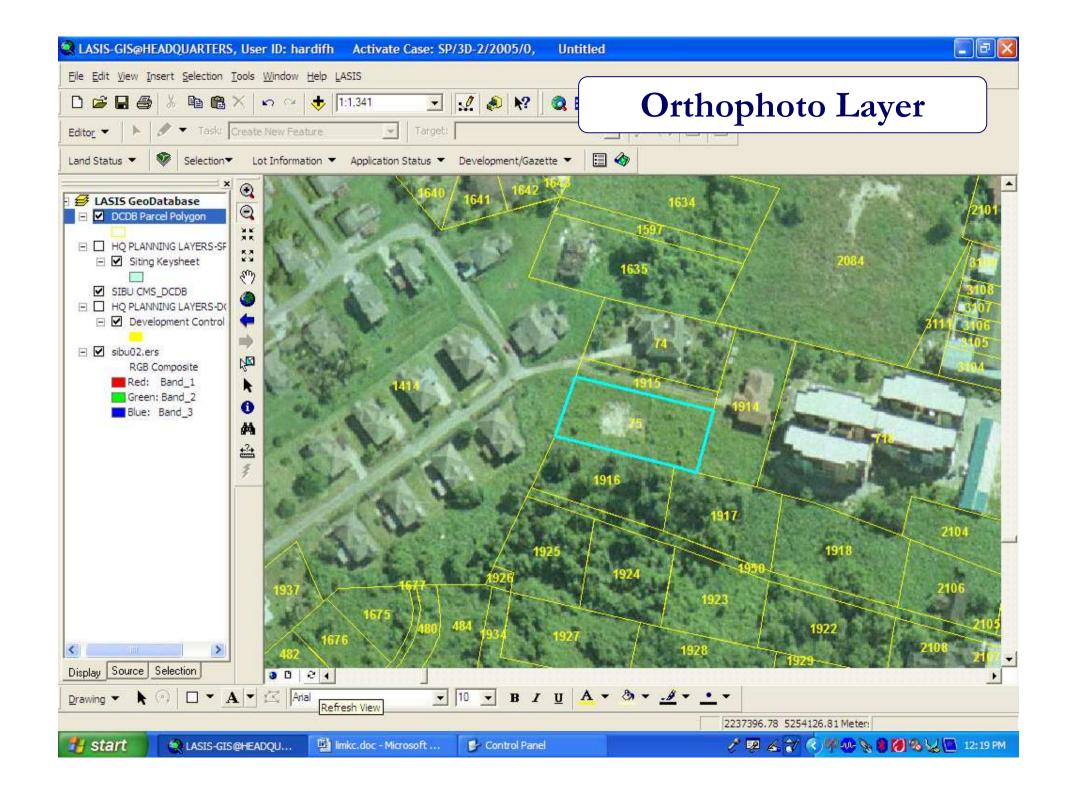


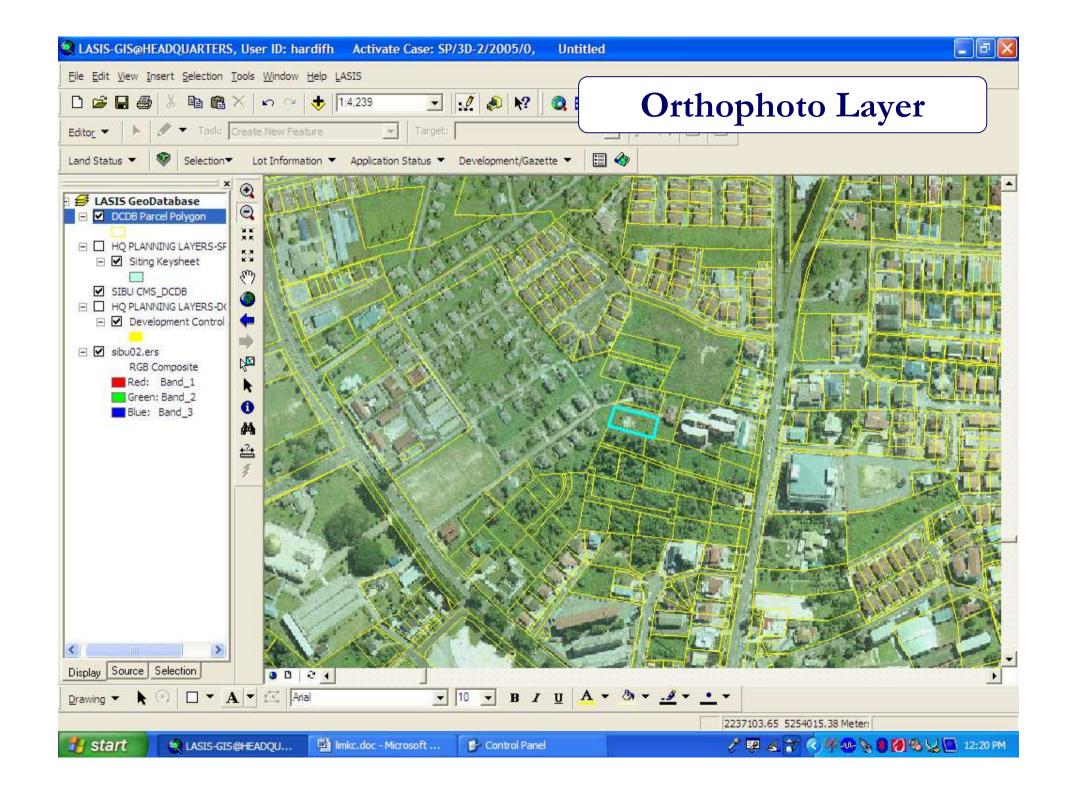












Achievements

- Integrated System
- Inspired People
- Innovated Processes
- Improved Service Delivery
 - > 1 day registration
 - Resource utilization

Lessons Learned

- Management commitment and participation
- Standards and policies data integrity
- BPR to optimize IT
- Standardization for process automation
- Establish Base Data Infrastructure
- Data modeling
- Clear user requirements
- Ability to embed business intelligence and analytics

What's Next?

Web Services

- Survey Services
- > Sale of Plans
- Lodgment of Land Instruments
- Land Title Search



"Experience shows that successful land administration systems have all the land administration functions within one government organization. There should be one government department responsible for the land administration infrastructure in a country. This means that at the very least the administration of cadastral surveying and mapping, land registration and valuation, are all in the one organization. However global trends indicate the most successful systems also include all topographic mapping in the same organization."

- Extracted from Ian P. Williamson, Best Practices for Land Administration Systems for Developing Countries.