

20th UNRCC-AP and UN-GGIM-AP



Addressing Land Sector Opportunities with geospatial information

5-10 October 2015 Jeju Island, Republic of Korea

GANKHUYAG Radnaabazar, Head of Cadastre Division



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CONTENT

- BRIEF INFORMATION of LAND USE
- UNDERSTANDING of LAND SECTOR
 - Engineering research data
 - Assessment
 - Land use planning

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- Cadastre
- Monitoring
- OUTCOMES





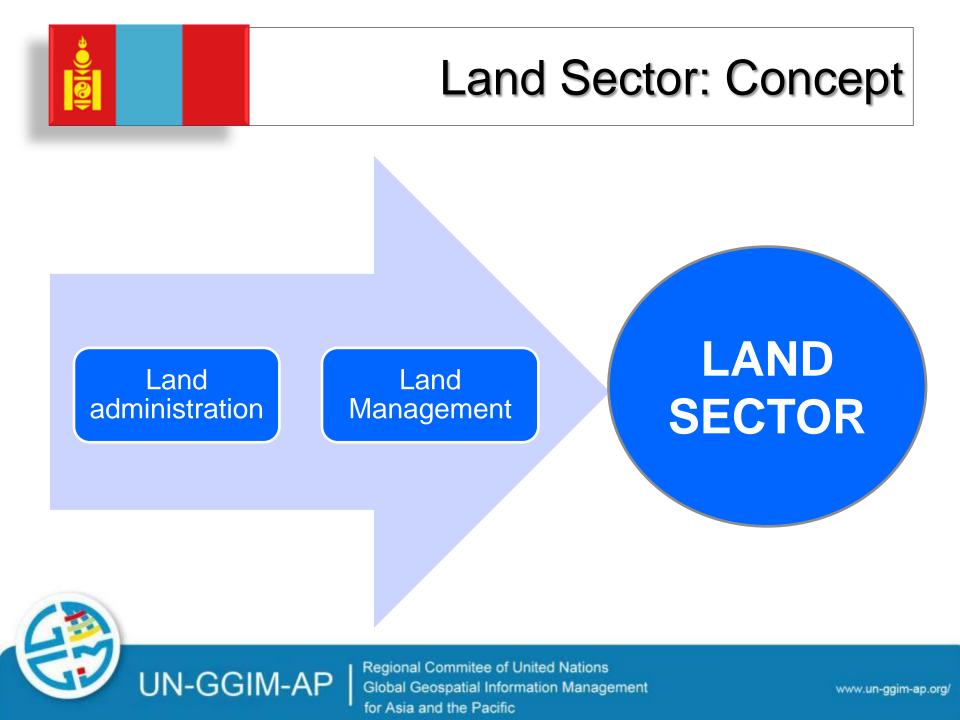
BRIEF INFORMATION OF LAND USE

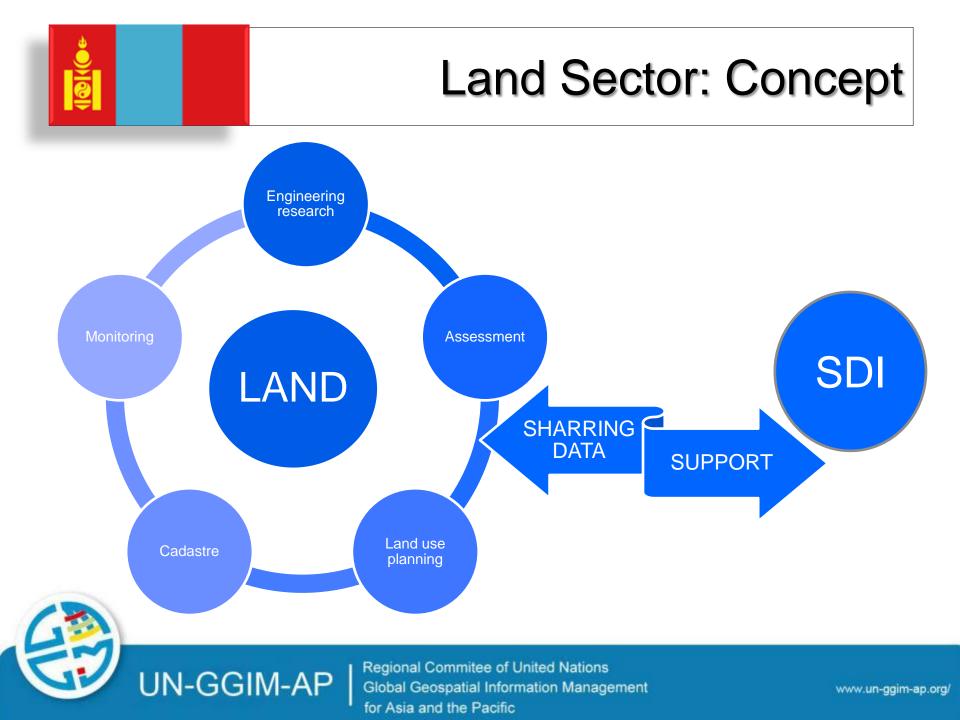
- Land locked country
- Between Russia and China
- Territory: 156 ml hectare
- Low Population Density,
- 3 million people.
- Land use:
 - Pasture/Nomadic culture
 - Mining sector /cool, gold, etc /

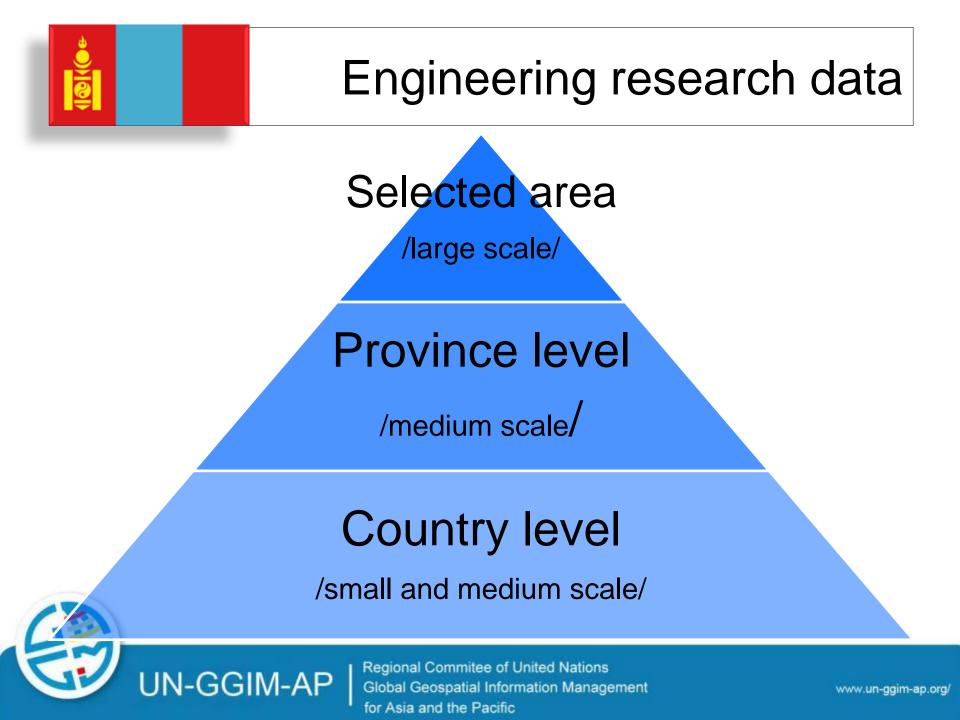
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Nº	Land use classification	Area, thousand hectar	%
1	Agricultural	115008.6	73.53
2	Urban and settled	712.1	0.46
3	Road, infrastucture	454.8	0.29
4	Forest	14320.5	9.16
5	Water	686.7	0.44
6	Land under state special need	25228.9	16.13
	Total	156411.5	100.00



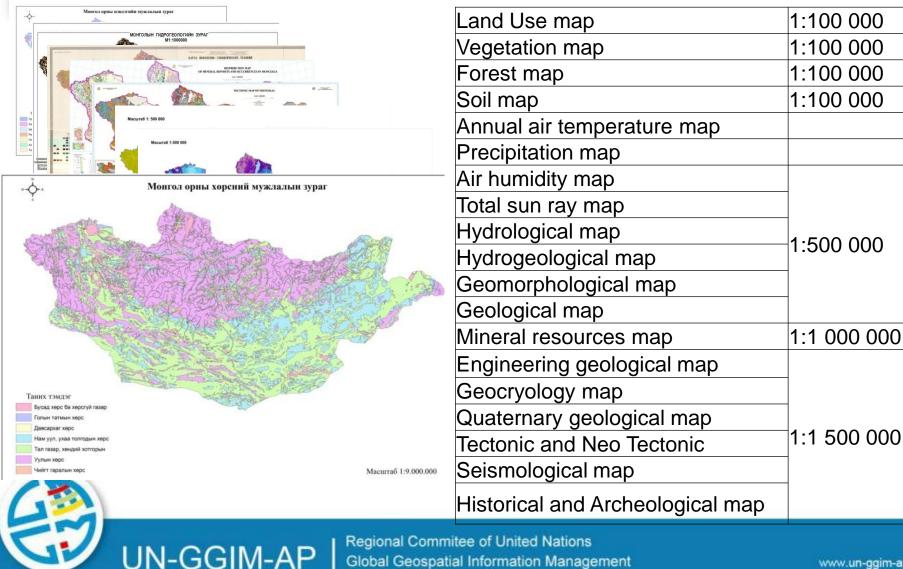




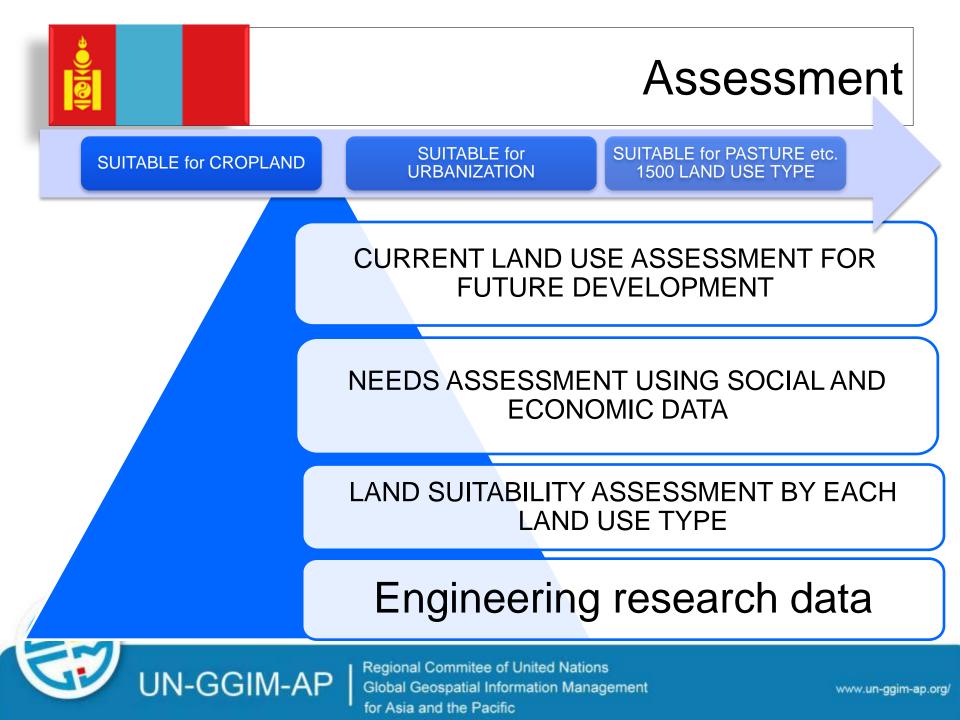




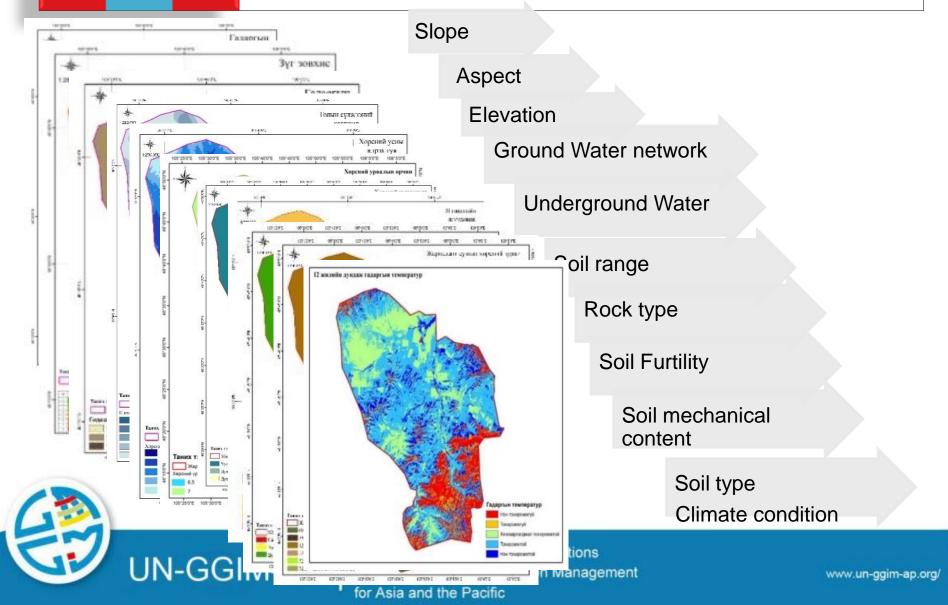
Engineering research data



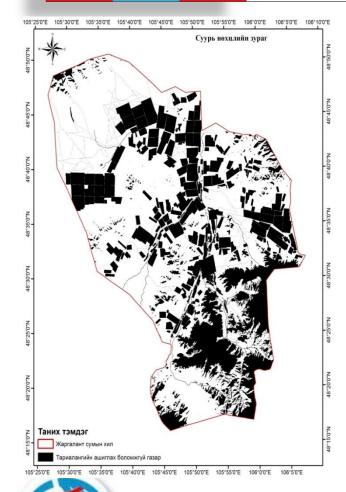
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LAND SUITABILITY ASSESSMENT /In case Jargalant municapility-For CROPLAND/



LAND SUITABILITY ASSESSMENT /In case Jargalant municapility-For CROPLAND



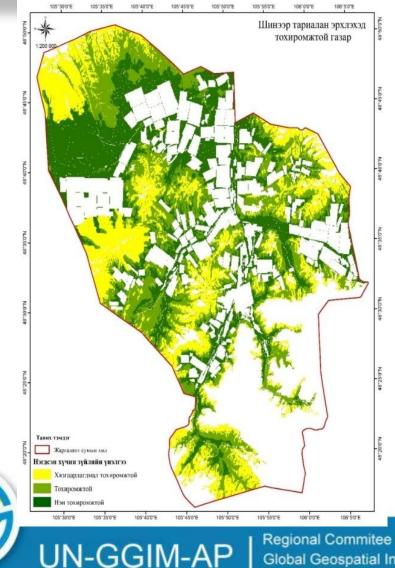
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Constraint map

- Forest
- Urban area
- Land under Infrastructure
- Cropland
- Mining area

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LAND SUITABILITY ASSESSMENT /In case Jargalant municapility-For CROPLAND



Result: Suitable for cultivation-59.4 %

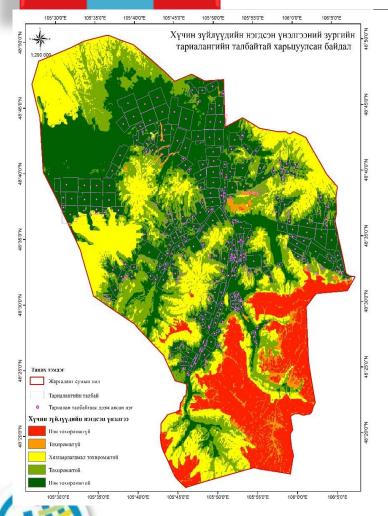
•20,1% High suitable

•20,5% suitable

•18,8% limited suitable

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LAND SUITABILITY ASSESSMENT /In case Jargalant municapility-For CROPLAND

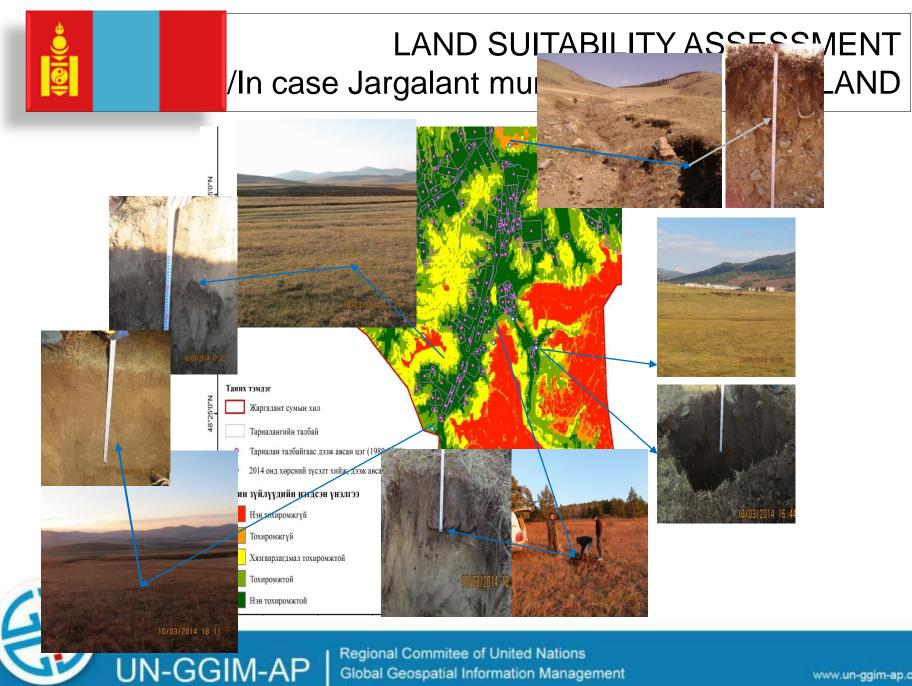


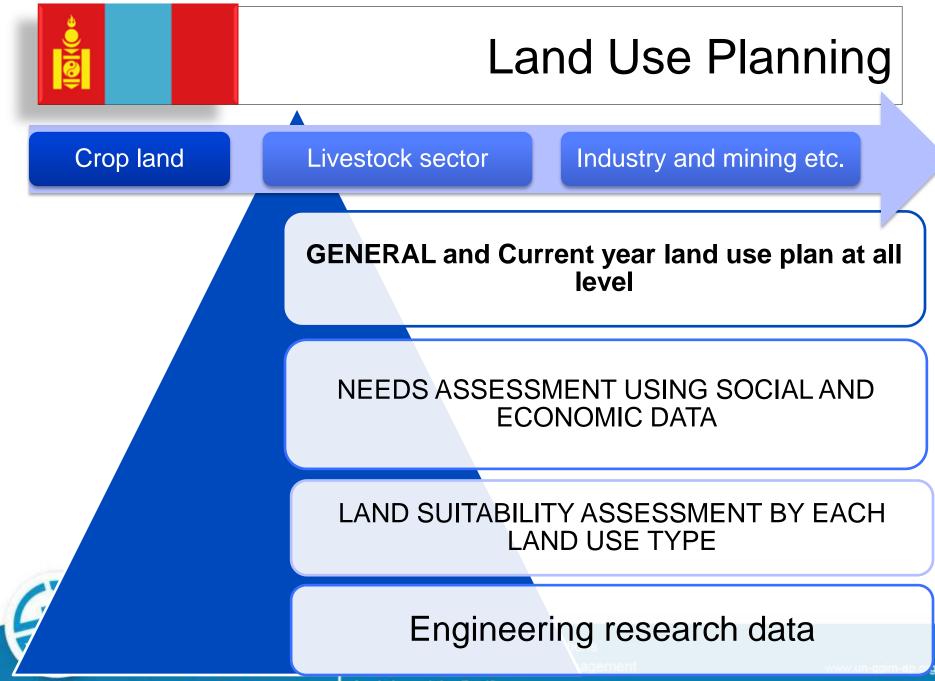
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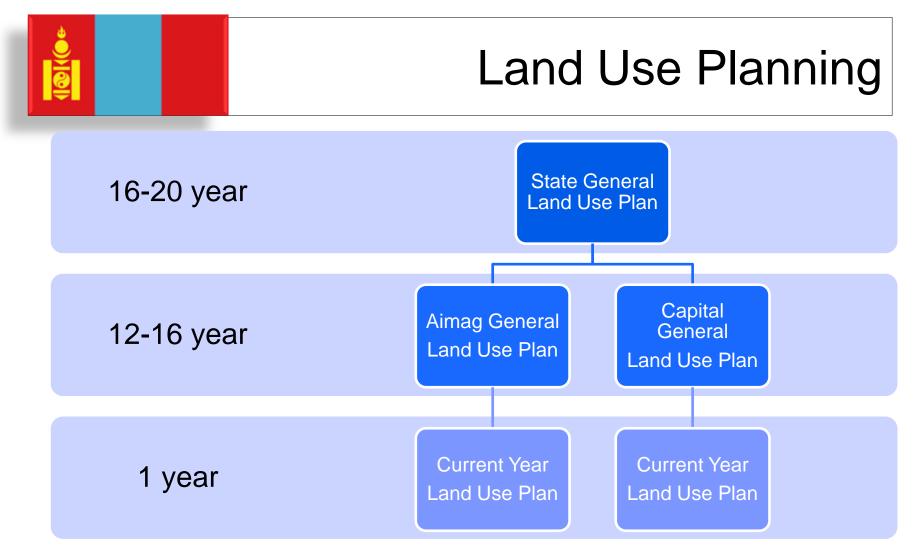
Assessment existing cropland

N⁰	Criteria	Total number existing cropland	%	
1	More suitable	245	91,1	
2	Suitable	21	7,8	
3	Limited suitable	1	0,4	
4	Non suitable	2	0,7	
Total number existing cropland: 269				

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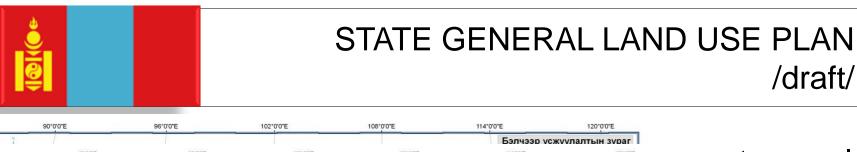


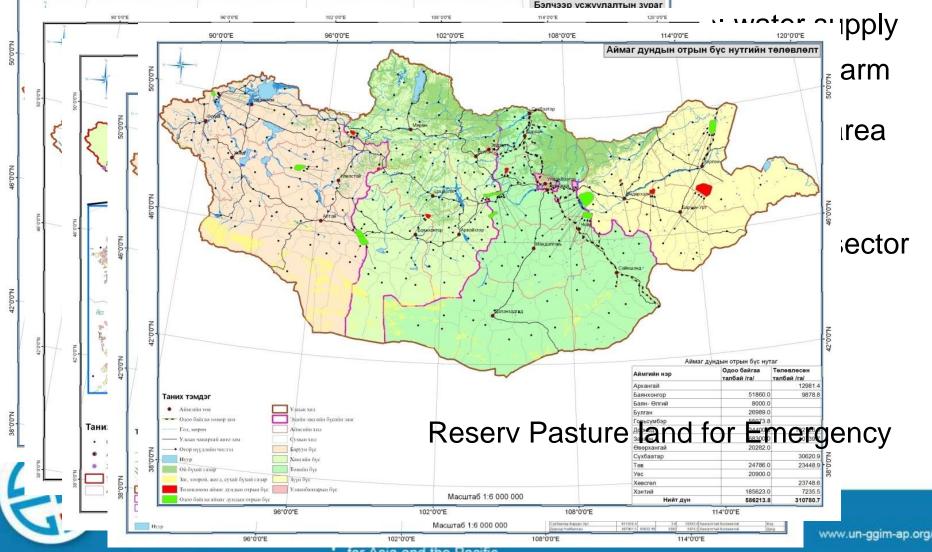
SGLUP-in 2003 Central Government adopted6

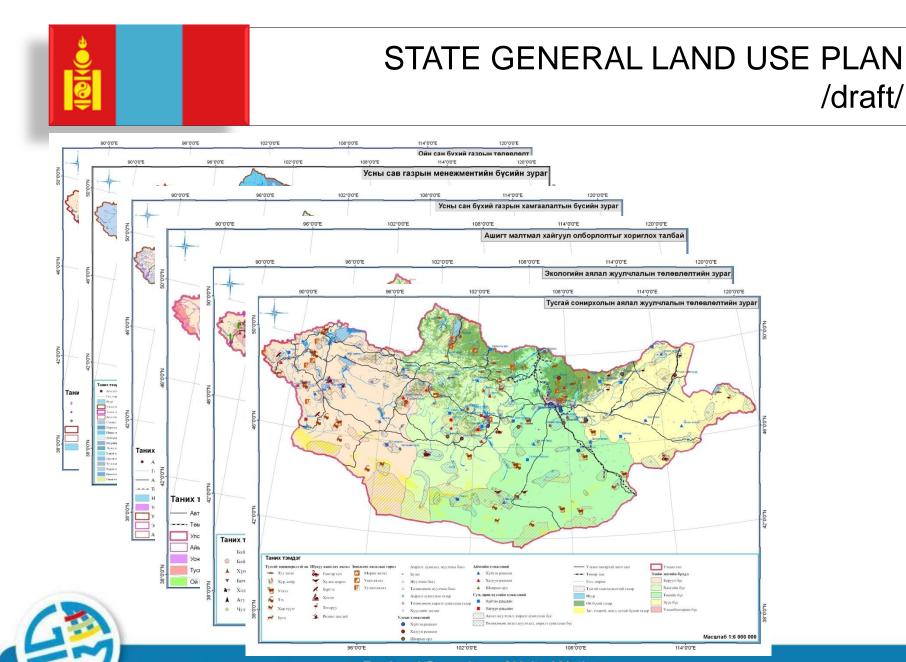


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Updating using new Land Sector Development Concept: 2013-2016

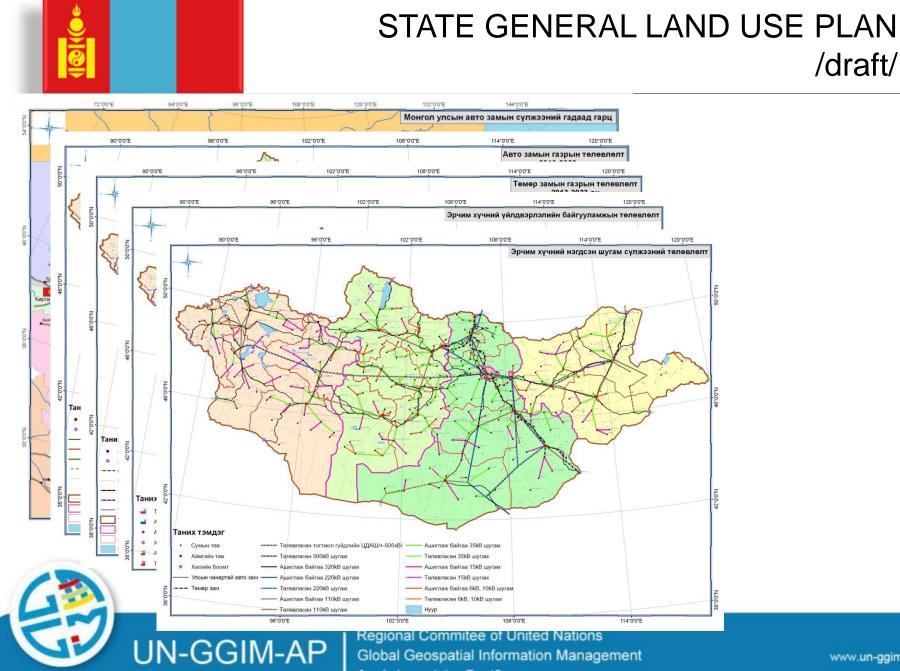




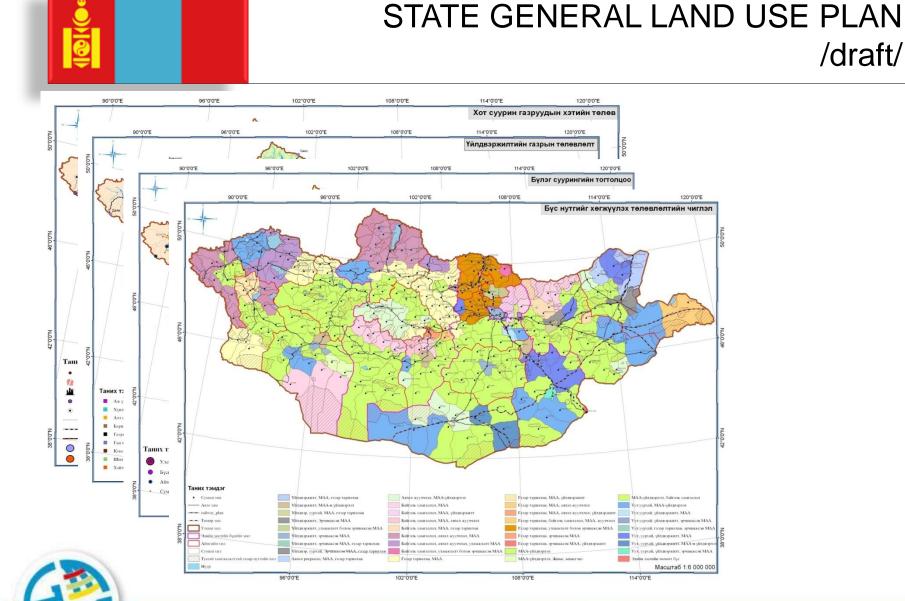


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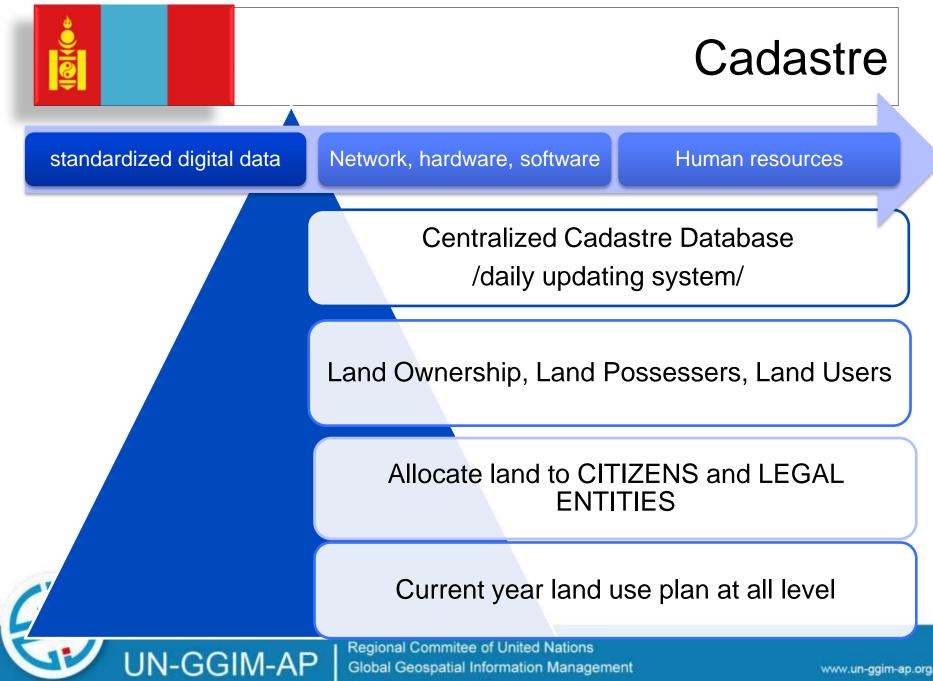
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Cadastre



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- **Project name:** Updating all existing Cadastral maps and Registry data, scanning all parcel documents into digital format
- **Duration:** 2013.09.27-2017.06.30
- **Framework:** 21 aimags/province 330 soums/municapibilty
 - **Result:**
 - Cadastral maps
 - Registry data in digital format
 - Parcel paper documents at local office
 - Parcel digital documents



Cadastre

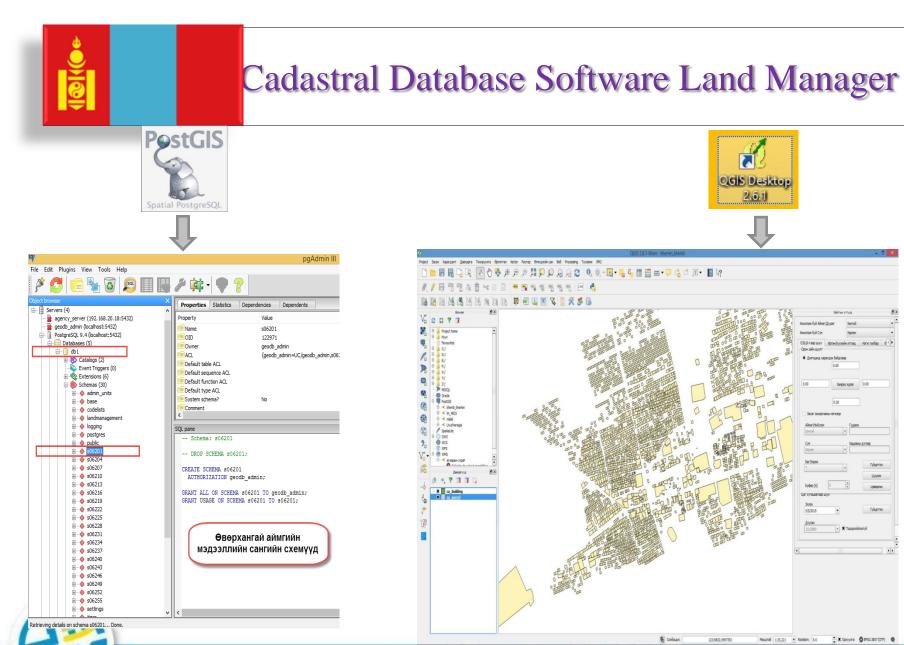


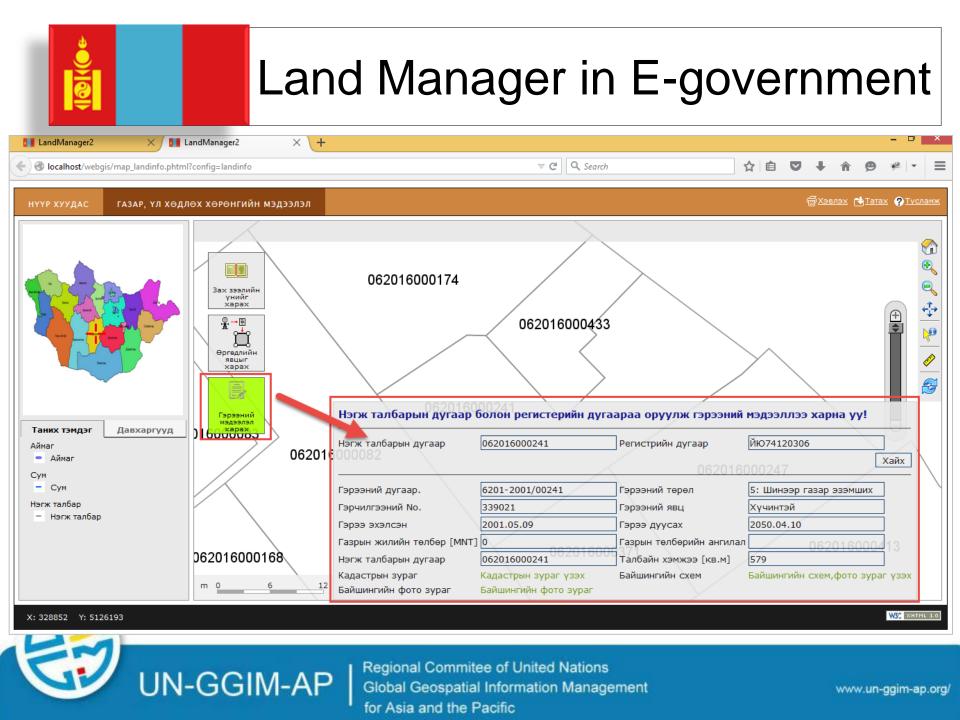
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Contract

- **Project name:** Establishment Cadastral Database System, software
- **Duration:** 2013.09.27-2017.06.30
- Framework: 21 province 330 munipability
- Result:
 - Centralized Database System
 - Cadastral maps
 - Registry
 - Land tax and payment information
 - Land valuation zone
 - Network /VPN and Internet/
 - Hardware /Server, Computer, Printer,

Scanner/





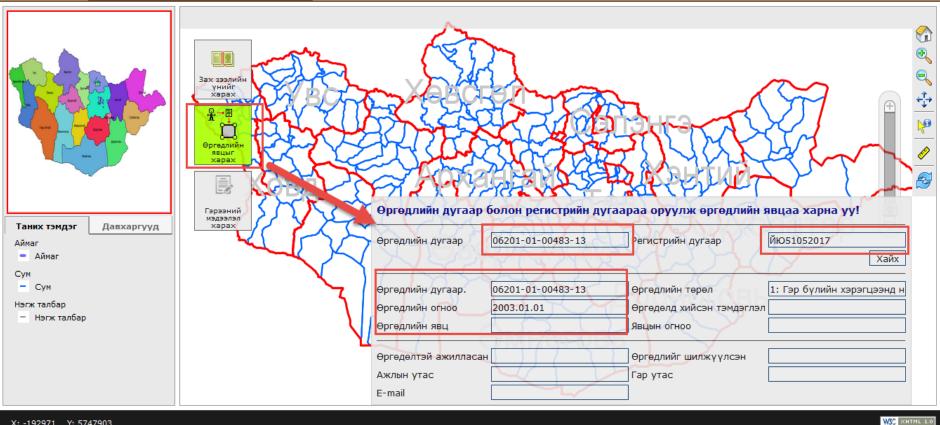


Land Manager in WebGIS

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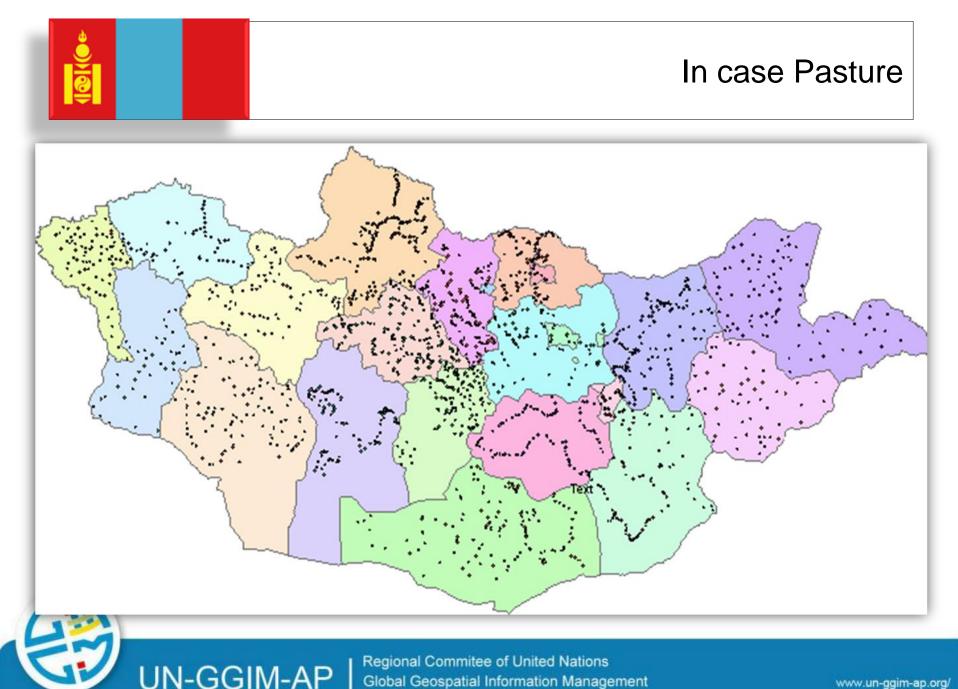






Monitoring





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Methodology /Field survey/



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