

Young Geospatial Professionals Summit 21 NOV 2018



The Integrated Geospatial Information Framework to the strengthening of NSDI, Mongolia

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19 – 21 November 2018
Deqing, Zhejiang Province
China

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 -  **ADOPTING OVERARCHING INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK**
 -  **GEOSPATIAL INFORMATION LICENSING ISSUE**
-  **Future goals and challenges**

STATISTICS

POPULATION



3 177 899

LIVESTOCK



66 218 959

GDP GROWTH



6.1%

UNEMPLOYMENT



9.7%

INFLATION RATE



5.7%

FOREIGN TRADE BALANCE



931.7
million.US.dollar

<https://countryeconomy.com>

2,910,778
Internet
users

855,900
TV users

3,886,200
Mobile
users

Doing
Business
index

62 (190)

69.3

Human
developm
ent index

92 (188)

0.741

Competive
ness index

102 (138)

Life quality
index

107 (192)

Environm
ental
index

111 (140)

Happiness
index

136 (140)

14.3

31 DEC 2017 <http://www.crc.gov.mn/>

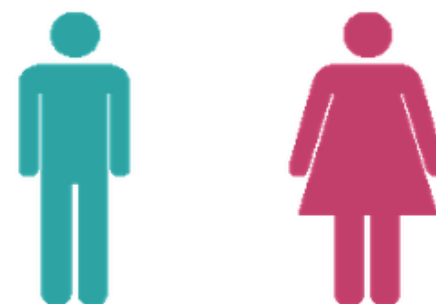
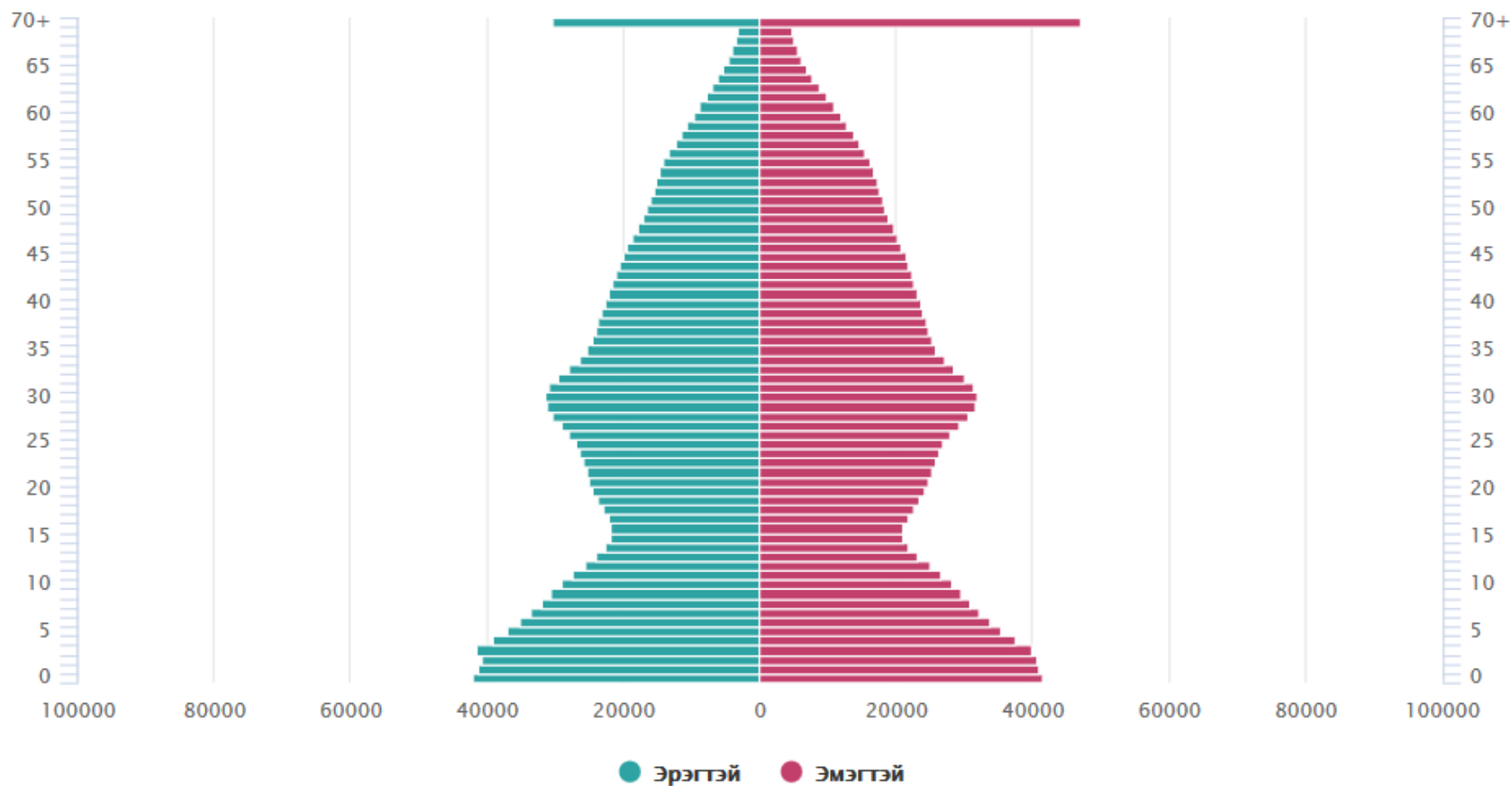
6 NOV 2018 <http://www.en.nso.mn/>



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2018



1,581,145

1,643,248

Насны бүлэг	Мянга.хүн	Хувь.
70+	77	2.4%
15-69	2,159	67%
<15	987	30.6%
Бүгд	3,224	100%

Датаг харгах



2018 он



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In 2012, With the “Rio +20” Conference on Sustainable Development, where Governments decided to develop global Sustainable Development Goals.

The 70th session of the UN General Assembly adopted 17 goals and 169 targets of SDGs

Parliament of Mongolia issued Sustainable Development Vision-2030 in 2016 FEB

2016, Government of Mongolia endorsed regulation to implement the Mongolia SDV 2030

National policies and programs were adjusted to the vision goals



17
goals

169
targets

244
indicators

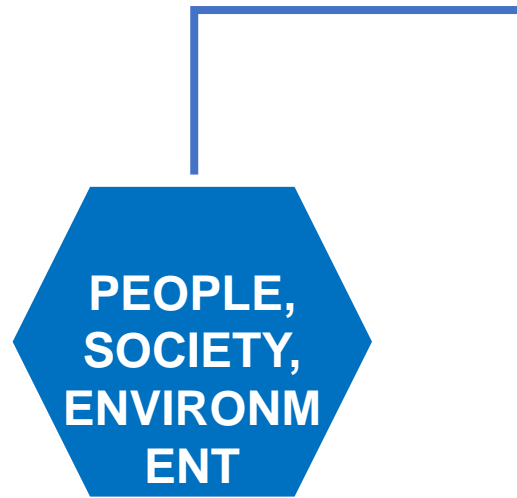
4
categories

44
goals

20
indicators

NATIONAL 3 PILLARS DEVELOPMENT POLICY

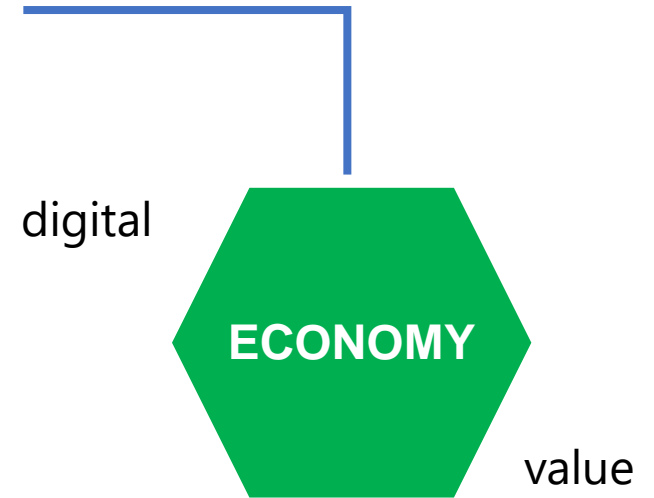
Investment 2018-2021



19 | **1.4**
Projects | Trillion MNT



17 | **1.3**
Projects | Trillion MNT



77 | **25.5**
Projects | Trillion MNT



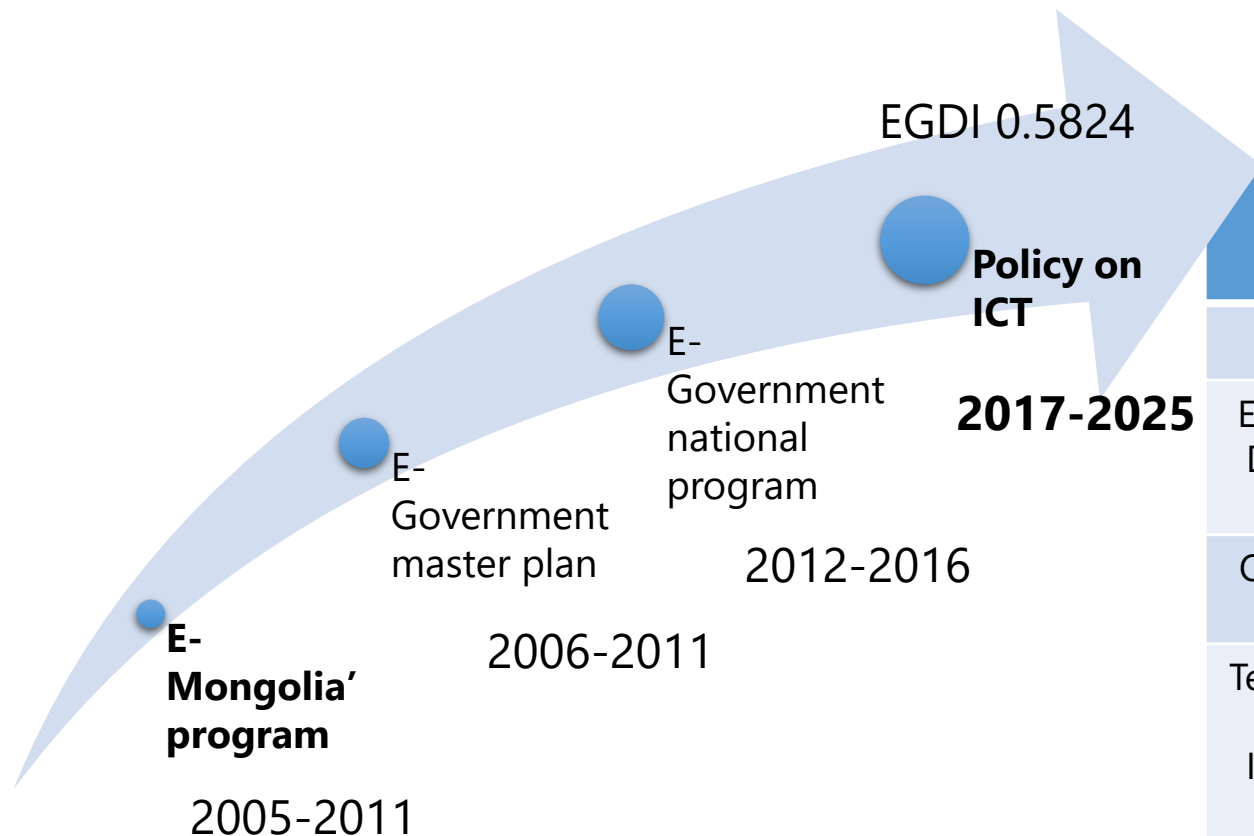
E-GOVERNANCE DIGITAL TRANSFORMATION



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Stages of E-government initiatives of Mongolia



	World Aver.	Asia Aver.	2018	2016	2014	2012
Ranking	~193	~47	92	84	64	76
E-Government Development Index	0.55	0.578	0.5824	0.5194	0.5581	0.5443
Online Service Index	0.57	0.621	0.5972	0.5145	0.6142	0.5882
Telecommunication Infrastructure Index	0.42	0.439	0.3602	0.2881	0.2714	0.1758
Human Capital Index	0.66	0.674	0.7899	0.7597	0.7887	0.8688

DIGITAL TRANSFORMATION

Government of Mongolia established Government online service platform

66 online services
50 organizations

23 government organizations

8 banks

7 bank and finance institutes

4 mobile operators

7 other



Land information system
www.egazar.gov.mn
~500,000 parcels



GOVERNMENT ONLINE SERVICE PLATFORM
developer.xyp.gov.mn



Registration system
www.burtgel.mn

Registered Real-estate

993,178

Legal entities /company, NGO/
178,260



VAT system

www.ebarimt.mn

1.3 mln users



www.ezasag.mn

1.3 mln users
27 services



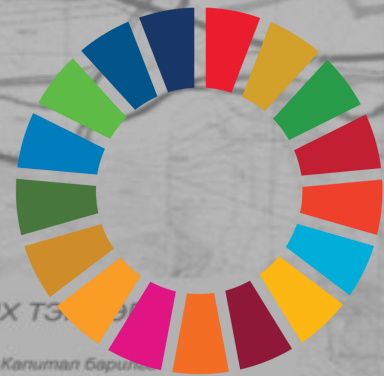
www.smartcar.mn

763,107 users

900,127 vehicles



NATIONAL SPATIAL DATA INFRASTRUCTURE



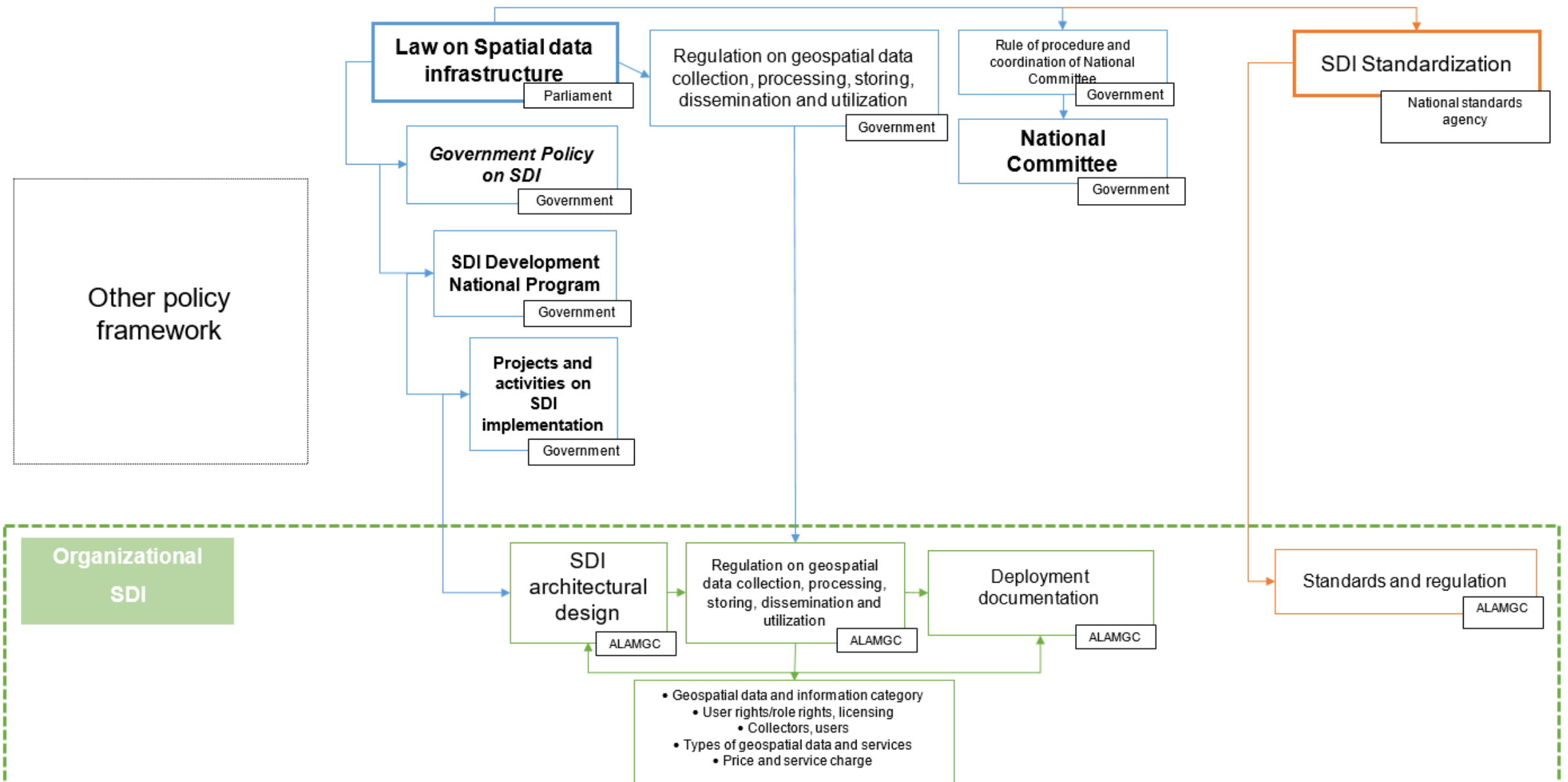
НИХ ТЭ...
Капитал барилга
Дан барилга
Гэр хороолол
Үйлдэр агуулах

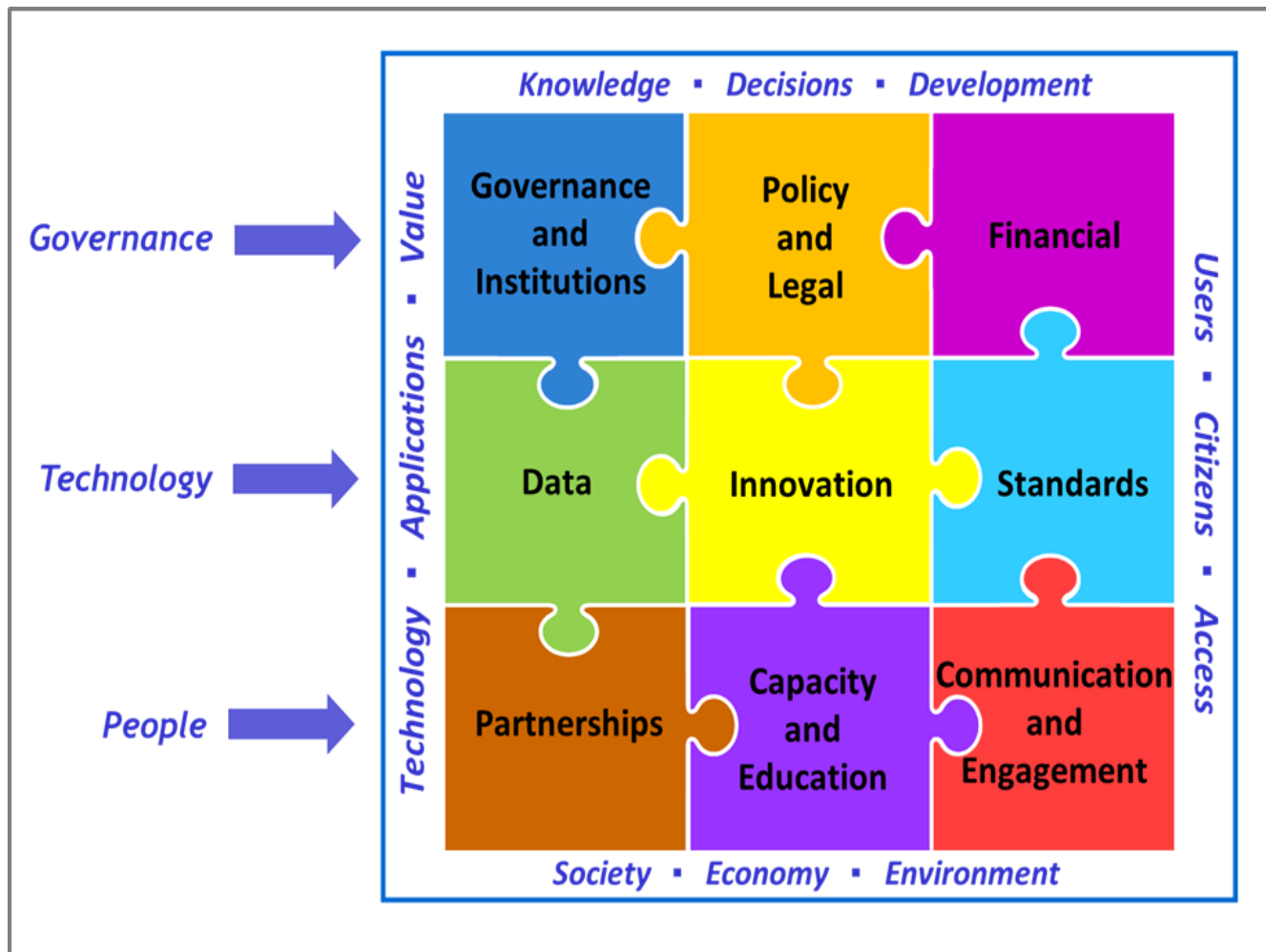


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Mongolian NSDI Policy framework





INTEGRATED GEOSPATIAL INFORMATION FRAMEWORK

A STRATEGIC GUIDE TO DEVELOP AND STRENGTHEN NATIONAL GEOSPATIAL INFORMATION MANAGEMENT

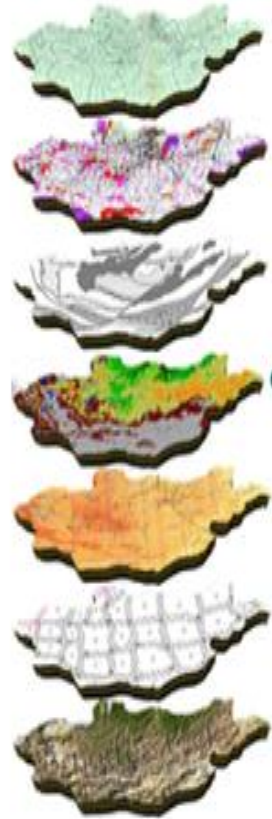
- To ensure fundamental geospatial data and information to be ready, timeliness, accurate and accessible.
- To ensure and maintain storage, protection and security of the geospatial information system
- To promote effective and efficient use of geospatial data to support innovation, research and development, GI industry promotion
- To collaboration and cooperate with other government ministries and agencies, NGOs, private sector and citizens in order to establish national spatial data infrastructure



Fundamental geospatial data theme

Mongolia

Global



Spatial Geodatabase

35 datasets

141 feature coverages



GEO-ACTIVITIES IN MONGOLIA

“Strengthening geospatial information management in developing countries towards implementing the 2030 Agenda”

11TH TRANCHE OF THE DEVELOPMENT ACCOUNT



ОРОН ЗАЙН МЭДЭЭ Spatial NEW

Ажлын дугаар: Газрын харилцааны захирлын эсрэгт зориулав. ГЭЭГЗЭГ №01, 2018

- ДЭЛХЭЙ ДУУН ДАХЬ ОРОН ЗАЙН ӨГӨГДЛИЙН МЭДЭЭЛЛИЙН АСУУДАЛ
- НҮБ-ийн Дэлхийн өргөн зайн мэдээллийн менежментийн хөдөлгөөний үйлдвэр
- "Газрын харилцааны захирлын эсрэгт зориулав. Дэлхийн мэдээллийн менежментийн хөдөлгөөний үйлдвэр" Монгол улсын ТҮНЭЭГЭЙ
- Дэлхийн мэдээллийн менежментийн хөдөлгөөний үйлдвэр
- ОРОН ЗАЙН ӨГӨГДЛИЙН МЭДЭЭЛЛИЙН АСУУДАЛ
- ОРОН ЗАЙН МЭДЭЭЛЛИЙН АСУУДАЛ
- ДЭЛХЭЙ ОРОН ЗАЙН ӨГӨГДЛИЙН МЭДЭЭЛЛИЙН АСУУДАЛ
- ТАМГА МЭДЭЭЛЭГ
- ОРОН ЗАЙН ӨГӨГДЛИЙН АСУУДАЛ

НҮБ-ЫН ДЭЛХИЙН ОРОН ЗАЙН МЭДЭЭЛЛИЙН МЕНЕЖМЕНТИЙН ЗӨВЛӨХҮҮДИЙН ХОРООНЫ ҮЙЛ АЖИЛЛАГАНААС

UN-GGIM
UNITED NATIONS INITIATIVE ON GLOBAL GEOSPATIAL INFORMATION MANAGEMENT

Улаанбаатар хот | 2018 он

United Nations Committee of Experts on Global Geospatial Information Management

ОРОН ЗАЙН МЭДЭЭЛЛИЙН ЛИЦЕНЗИЙН ХУРААНГУЙ ТАЙЛБАР

(2017 оны 6 сарын байдлаарх төгсгөлийн хувилбар)

UNITED NATIONS E/C.20/2018/9/Add.2

Economic and Social Council 6 July 2018

Committee of Experts on Global Geospatial Information Management
Eighth session
New York, 1-3 August 2018
Item 8 of the provisional agenda
Legal and policy frameworks, including issues related to authoritative data

Compendium on Licensing of Geospatial Information

GSDI
Global Spatial Data Infrastructure Association

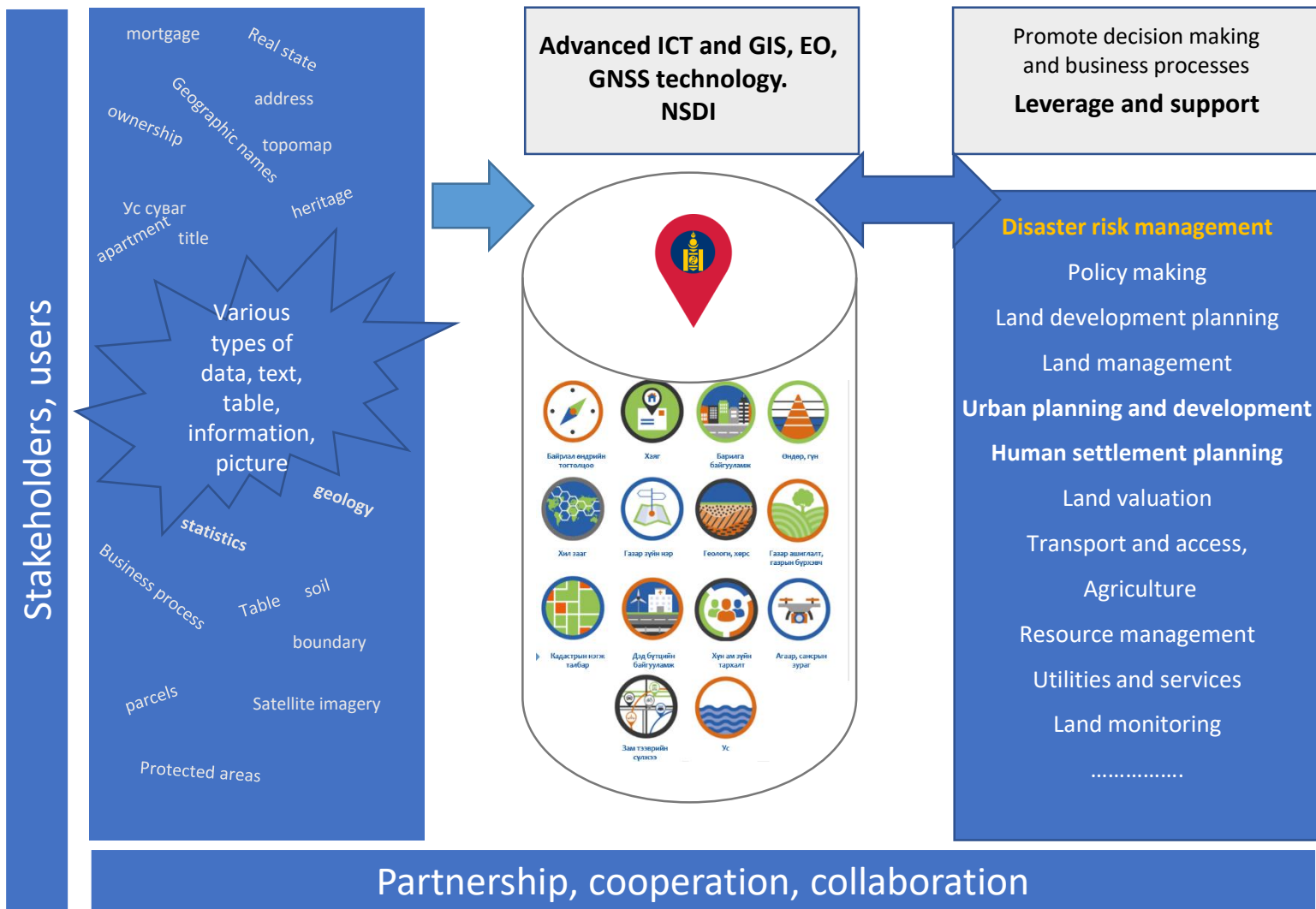
ЗАЙН ӨГӨГДЛИЙН БҮТЦИЙН ЛАВЛАХ НОМ

ОРОН ЗАЙН ӨГӨГДЛИЙН ДЭД БҮТЦИЙН ХОЛБОО

ГЕО
МОНГОЛЫН ГЕОМЭДЭЭЛЛИЙН ХОЛБОО

Улаанбаатар хот

Policy and legal framework



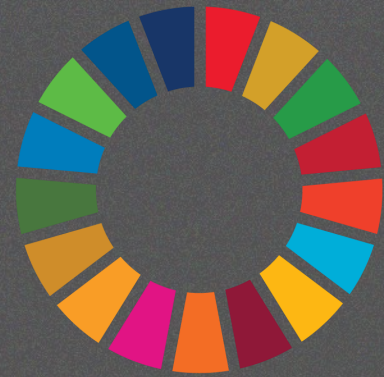
Government

business

citizen



FUTURE GOALS AND CHALLENGES



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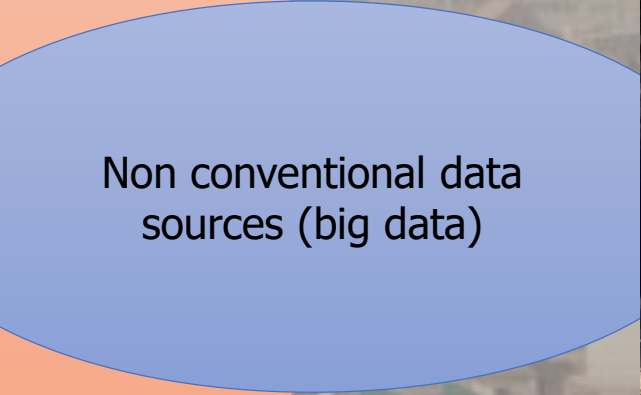
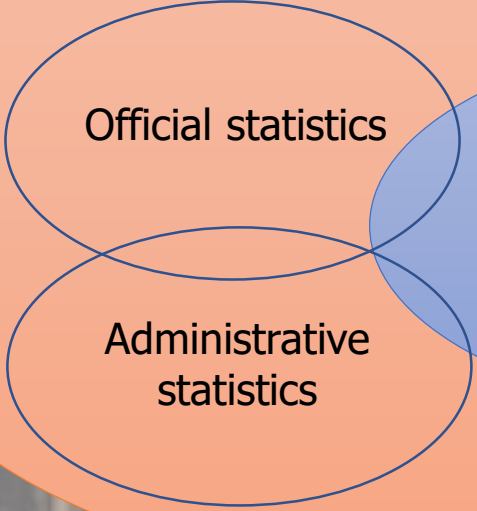
PEOPLE,
SOCIETY,
ENVIRONM
ENT

GOVERNANCE

DIGITAL
ECONOMY



Geospatial information



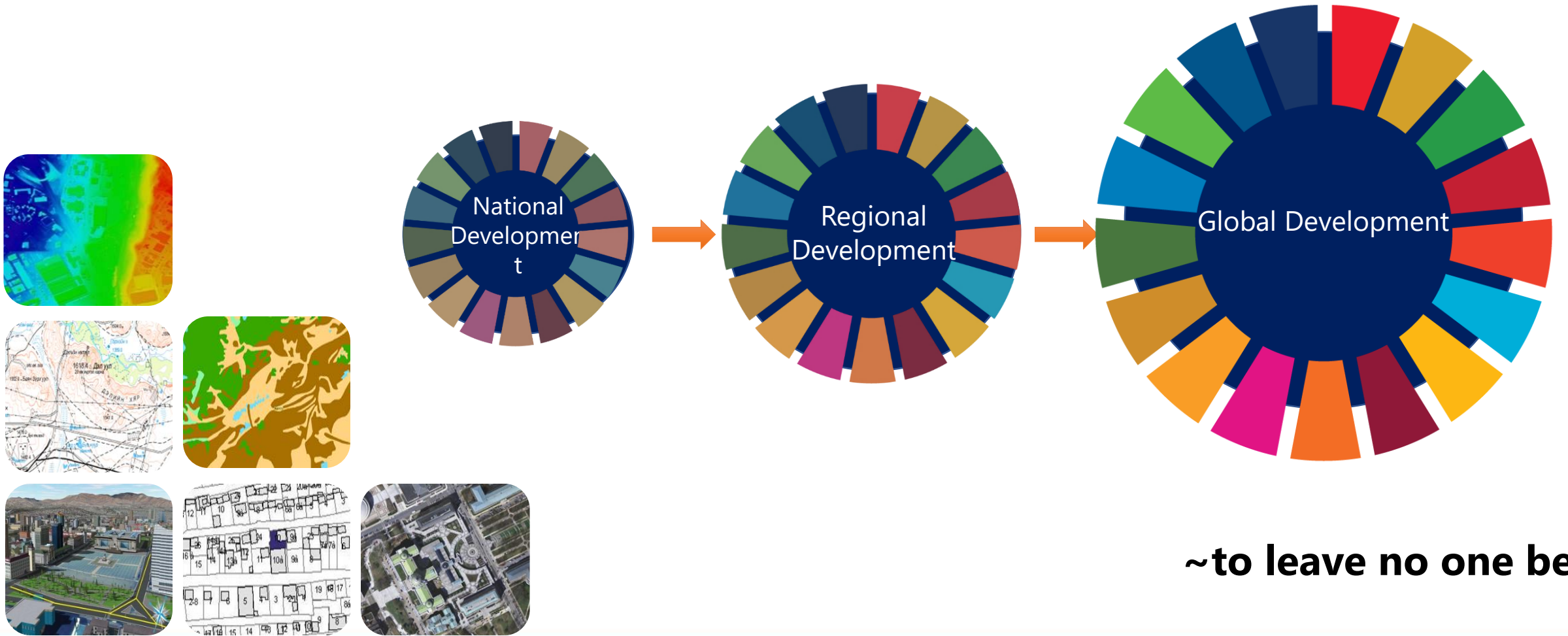
DATA
ECOSYSTEM



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“sharing is EVERYTHING happens someWHERE”



~to leave no one behind



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**“The geospatial way
to a better world”**

TOGETHER

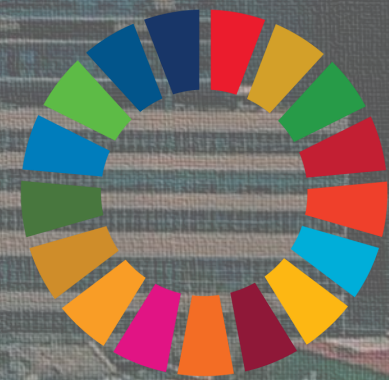


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**THANK YOU FOR YOUR
ATTENTION**



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