Sustainability Outlook Using the Systems Thinking

Ten Steps Approach
Mongolia Case Study

EDD, UNESCAP
Contents of the Sustainability Outlook of Mongolia (SOM)

- SDV 2030
- NGDP
- 17 SDGs

Leverage Points (LP)

Dashboards and Baseline for Each of 17 SDGs

4 SDG Thematic Clusters/Systems

1. Water
2. Land
3. Natural Resources
4. Tourism

4 Integrated Policy Statements

4 Thematic Systems Maps for each of the 4 Statements as Project Goals

Leverage Points

Interlinkages between Mongolia’s National Development Plans and the 17 SDGs

1. Water
2. Land
3. Natural Resources
4. Tourism

Set up Water Accounting and Integrated Policies

Develop scenarios, adaptation plan and Attract impactful investments

Process of 5 national workshops in 2017

Localizing SDGs (UNCC) 3-6 Dec 2018

UB Workshop, 5-6 September 2018

4 Integrated Policy Statements

Interlinkages between Mongolia’s National Development Plans and the 17 SDGs

Develop scenarios, adaptation plan and Attract impactful investments

Next Steps...

Set up Water Accounting and Integrated Policies

Academia & Civil Society

Local Authority

Other Authorities

Localizing SDGs (UNCC) 3-6 Dec 2018

UB Workshop, 5-6 September 2018

Academia & Civil Society

Local Authority

Ulaanbaatar Municipality

Other Authorities

SDV 2030

NGDP

17 SDGs

Chapter 1

Chapter 2

Chapter 3
SDG Baseline Assessment

Progress made since 2000
Progress needed to achieve target in 2030
Regressed since 2000

The number in parenthesis is the number of indicators used to calculate the index.

GOAL

1. No Poverty (6) (see note)
2. Zero Hunger (4)
3. Good Health and Well-being (13)
4. Quality Education (3)
5. Gender Equality (3)
6. Clean Water and Sanitation (2)
7. Affordable and Clean Energy (4)
8. Decent Work and Economic Growth (11)
9. Industry, Innovation and Infrastructure (6)
10. Reduced Inequality (1)
11. Sustainable Cities and Communities (1)
12. Responsible Consumption and Production (2)
13. Climate Action (1)
14. Life Below Water (0)
15. Life on Land (4)
16. Peace, Justice and Strong Institutions (2)
17. Partnership for the Goal (4)
SOM: Water Management System Map at Goal and Targets Level (to attain SDGs 6, 7, 8, 17)
Other SDG Clusters in SOM are Integrated in Systems

Sustainable Natural Resource Use
- SDG #15 Protect, Restore & Promote Sustainable Use of Terrestrial Ecosystems
- SDG #17 Means of Implementation and Global Partnerships
- SDG #12 Sustainable Consumption & Production Patterns
- SDG #13 Climate Change Resilience & Adaptive Capacity

Sustainable Tourism Management
- SDG #8 Inclusive and Sustainable Economic Growth & Decent Work
- SDG #9 Resilient Infrastructure & Sustainable Industrialisation and Innovation
- SDG #10 Reduced Inequalities
- SDG #12 Sustainable Consumption & Production Patterns

Sustainable Land Management (Agriculture)
- SDG #11 Inclusive, Resilient & Sustainable Cities and Communities
- SDG #3 Healthy Lives & Promote Wellbeing for All
- SDG #2 End Hunger & Achieve Food Security
- SDG #4 Inclusive and Equitable Quality Education
Proposed Leverage Points for Sustainable Water Management System in SOM

1. The Water Law of Mongolia (SDG 16.b)
2. Water management policy (SDG 6.a)
3. Investments in water related infrastructure & technology (SDG 6.a)
4. Enforcement of Pollution-related environment laws & regulations (SDG 6.3)
5. Inter-Ministerial coordination (SDG 17.14)
6. Monitoring & reporting (SDG 17.8)
7. Integrated Water Resource Management (IWRM)
8. Community Engagement (SDG 6.b)
9. Human Capacity Development (SDG 6.a)
Leveraging policy entry points

The main question that we look to answer in a systems analysis is:

“How do we change the structure of systems to produce more of what we want and less of that which is undesirable?”
Sustainable Development Challenges in Mongolia

Mongolia’s forward-looking planning has helped to define its priorities and identify relevant targets and indicators based on its national context, and to enhance implementation through alignment with its short and medium-term development objectives. The progress on SDG 1, SDG2, SDG11, SDG13 has been recorded.

However, complex challenges remain:

- **Decent Work and Economic Growth: SDG 8**
- **Responsible Consumption and Production: SDG 12**
- **Life on Land: SDG 15**
- **Reduced Inequalities: SDG 10**
- **Economic, Social, Environmental Data Gaps**
SOM document is available at:

https://www.unescap.org/resources/sustainability-outlook-mongolia

10 steps are briefly introduced at the ESCAP SDG HelpDesk

https://sdghelpdesk.unescap.org/testing