



North-East Asian Multi-stakeholder Forum on
Sustainable Development Goals
5-6 September 2018, Ulaanbaatar, Mongolia



***Empowering people and ensuring
inclusiveness and equality***

Chuluun Togtokh, Director

Sustainable Development Institute, National University of Mongolia

Content

- 🌐 Key challenges and solutions of the SDGs for Mongolia
 - 🌐 Green Development Policy 2030 (2014)
- 🌐 Sustainable Development in North East Asia:
 - 🌐 Low carbon and inclusive human development
- 🌐 Solutions as opportunities for collaboration in the region

A photograph of two young children, a girl and a boy, looking intently at a world map. The girl is in the foreground, slightly to the left, wearing a pink shirt. The boy is behind her, wearing a green shirt. They are both looking towards the right side of the frame where a world map is visible. The background is blurred, showing what appears to be a library or a room with bookshelves.

#4: Ensure inclusive and quality education for all and promote lifelong learning

- Rich-poor and urban-rural gap in attendance
 - Especially, in the pre-school education
 - Quality high education
- Solutions:
 - Introduction of distance learning opportunities
 - Collaboration for high quality education in the region



#8: Promote inclusive and sustainable economic growth, employment and decent work for all

- Inclusive growth
 - The highest youth unemployment in the NEA
- Solutions:
 - Generation of decent jobs which will contribute for sustainability?



#10: Reduce inequality within and among countries



- 29.6% of poverty (2016)
 - Poverty among herders increases after zuds: 33%=>44% (2010)
- Solutions:
 - Introduction of progressive tax in Mongolia
 - Introduction of grazing fees

#13: Take urgent action to combat climate change and its impacts*

- Decreasing water resources
 - Ulaanbaatar city
- Drylands drying trends
- Solutions:
 - Collaboration on adaptation

- 
- Corruption
 - Movements of teachers and health service workers
 - Solutions:
 - Give the rangelands in hands of local (traditional) communities

**#16: Promote just, peaceful
and inclusive societies**

ICSU, ISSC (2015): Review of the Sustainable Development Goals: The Science Perspective.

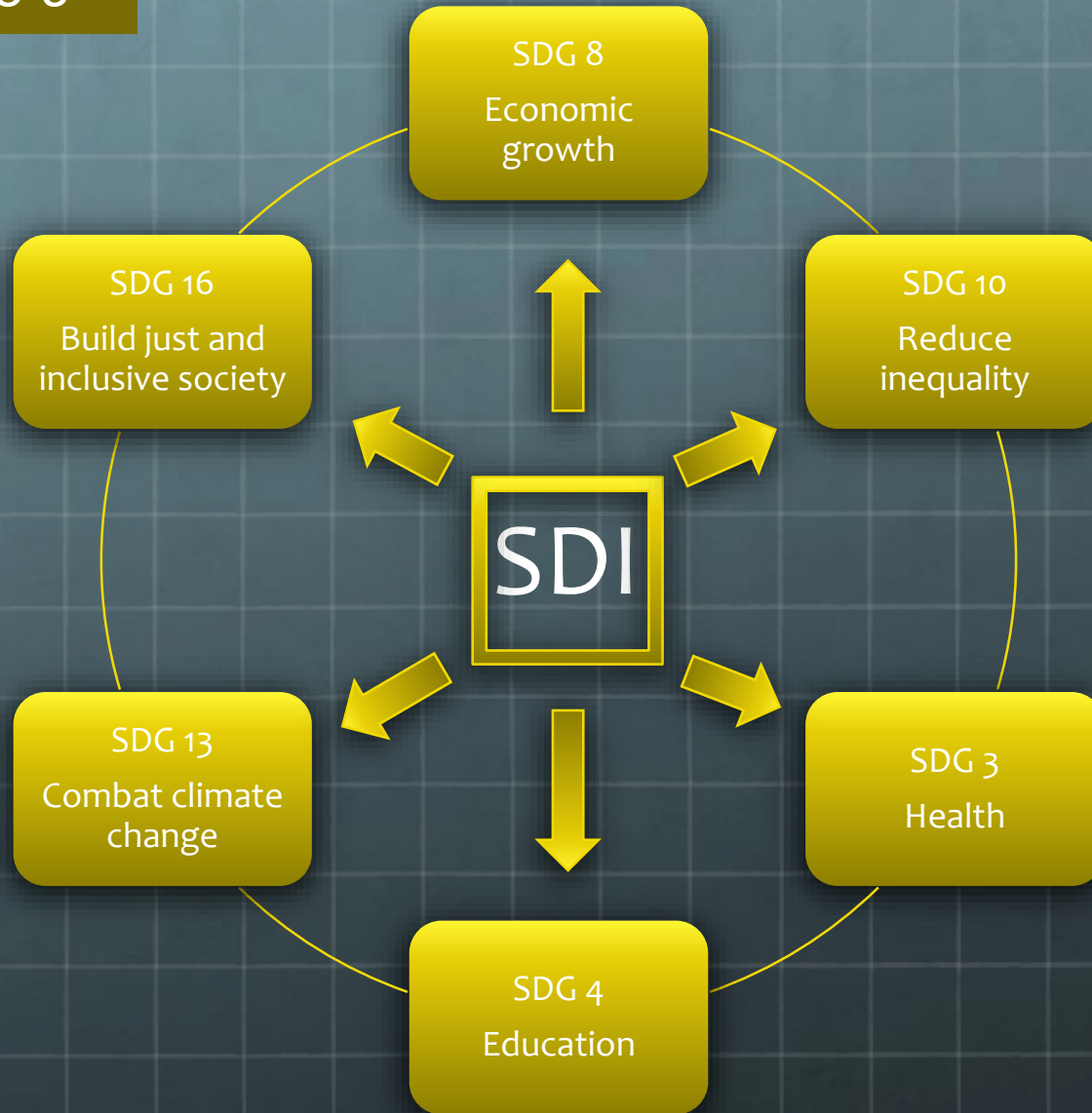
Paris: International Council for Science.

*A new Sustainable Development Index is proposed which integrates the economic (composite of GDP per capita and income **inequality**), environmental (CO₂ per capita) and social (expected longevity at birth) dimensions.*

T. Chuluun

SDG 8 “Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

The **SDI** is directly
connected to 6
SDGs

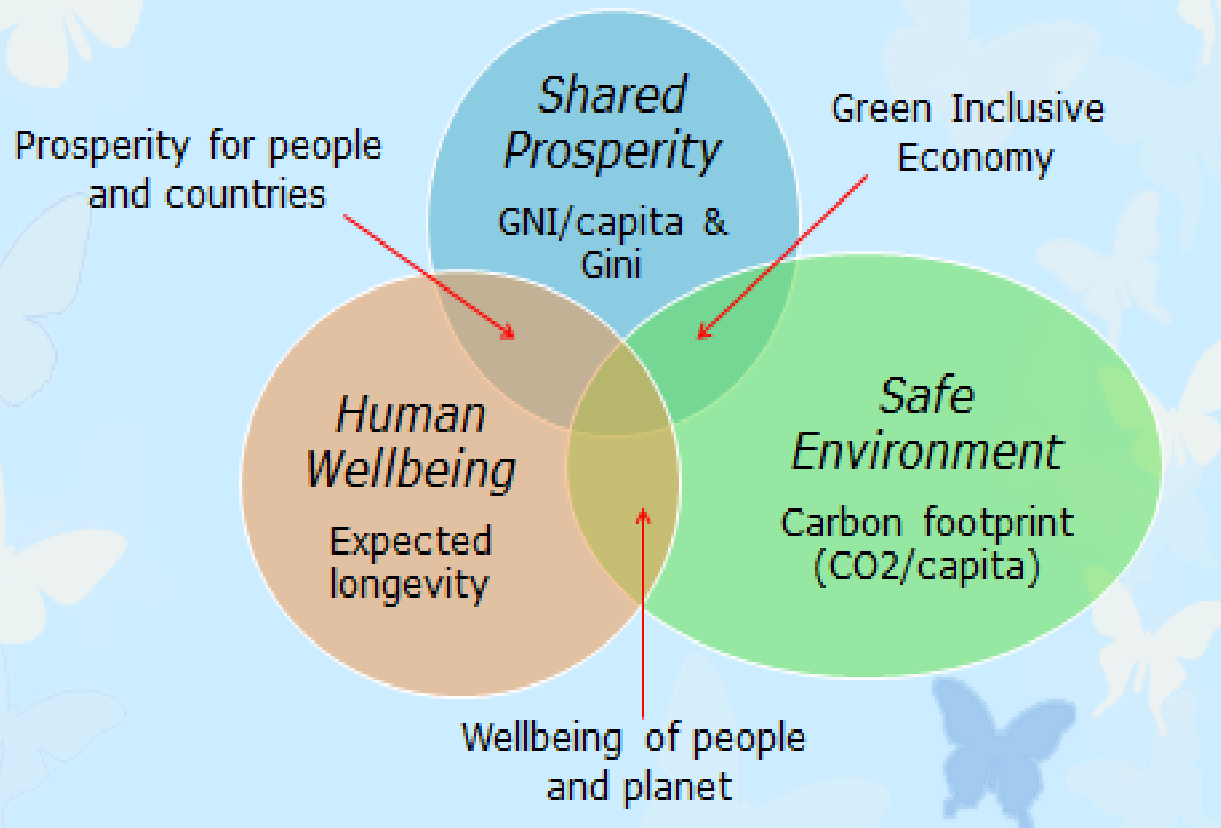


The **SDI** is directly connected to 6 SDGs and eventually to all SDGs



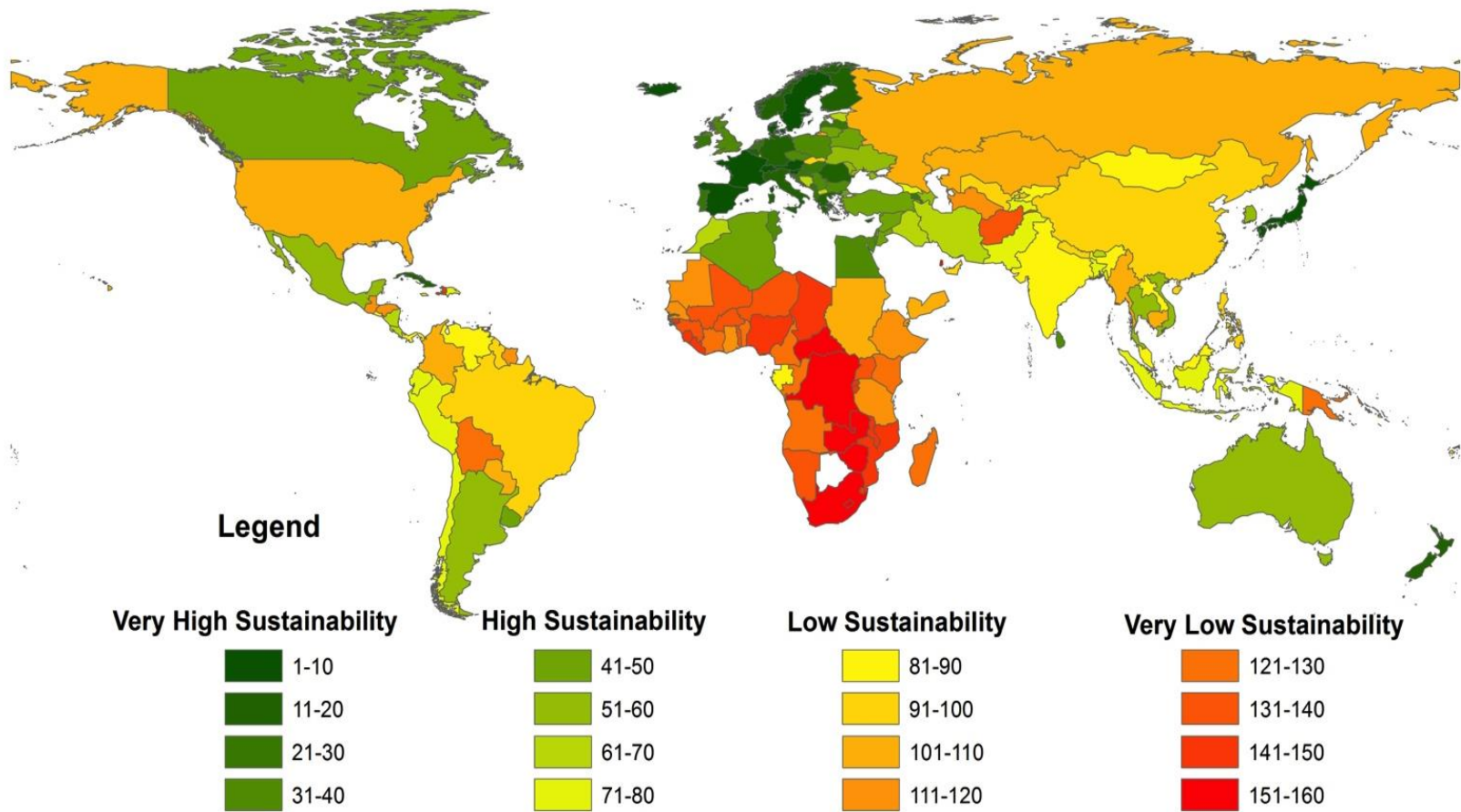
Sustainable Development Index

Sustainability of People, Countries and Planet



Human and country prosperity requires global sustainability - a contribution to **the Sustainable Development Goals**

Ranking of the countries by the Sustainable Development Index



Comparison of the HDI and the SDI (Out of 170 countries)

	HDI 2015 ranking	SDI 2017 ranking	Change in ranking
Japan	16	21	-5
Korea (Republic of)	17	31	-14
Russian Federation	44	105	-61
China	78	73	5
Mongolia	80	98	-18

Carbon emission and GINI

	CO2 (tons)/capita	GINI	Change in rank
Japan	9.52	31.1	-5
Korea (Republic of)	11.62	31.6	-14
Russian Federation	11.33	37.7	-61
China	7.36	35.3	5
Mongolia	8.63	32.3	-18
World average	4.13	38.6	

Source:

HDI 2015

GINI index

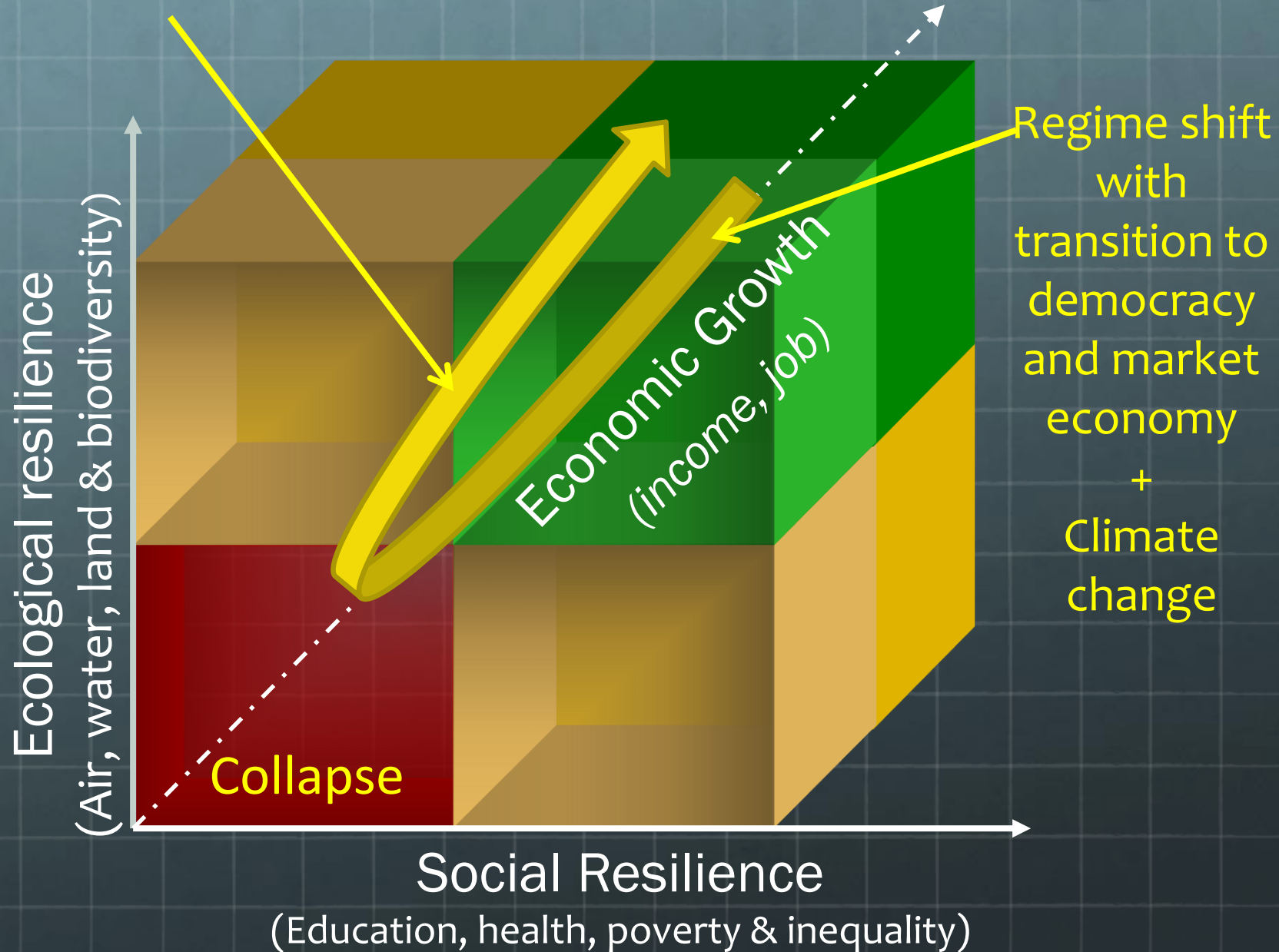
CO2 emission per capita tonne

<http://hdr.undp.org/en/data>

World bank data 2018

Global Carbon Project 2017

Sustainability transformation for Mongolia



Collaboration for the six transformations

1. Education and inequality

- Distance learning education in rural areas
- High quality college education system development

2. Health and wellbeing

- Policy for reduction of youth unemployment
- Target the 10 years gap of male and female expected longevity

3. Clean energy and industry

- Participation in (clean) regional energy network

4. Sustainable land use

- Introduce holistic NR management by local communities

5. Smart cities and transport

- Participation in “One Road and Belt”, integrating with the SDGs
- Building smart campuses

6. Digital technologies and E-governance

- #1 high priority transformation for Mongolia with low human density

