

SDGの背景 Background

< Millennium Development Goals (MDGs) >

2015

< Sustainable Development Goals (SDGs) >

MDG7: Environmental Sustainability

Detailed goals

1. Integrate the principles of sustainable development into country policies and programs; reverse loss of environmental resources
2. Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss
3. Halve, by 2015, the proportion of the population without sustainable access to safe drinking water and basic sanitation

Themes

- ✓ Developing country oriented
- ✓ MDG7 is not a clear quantitative goal
- ✓ Compare to other issues in MDGs, slow progress of deforestation, water scarcity and CO2 emissions
- ✓ Linkages between global and national goals

Existing discussions

- Proposals by Columbia, Guatemala and Peru prior to Rio+20
- It is presented in the outcome document of Rio+20
- Initiatives to integrate it into the three pillars of sustainable development (Economic, Social, and Environment)
- It is the universal goal for both developed and developing countries
- It also includes new themes (Energy and disaster prevention)

Points in contestation

- ✓ Linkages to MDGs
- ✓ Main Principles
 - Universality
 - CBDR principle
- Targeted Areas and Themes
- ✓ Measurement methods and Indicators
- ✓ Implementation (finance, capacity development, technology transfer) Governance
- ✓ Roadmap

It is needed to examine and identify ways to correspond to earth system transformation from multiple perspectives

研究の背景

Research Background : MDGs and environment

■ Linkages between MDGs and global environmental change

examples)

- Sea level rise and its influences on food production and city infrastructure (such as in Bangladesh and Indonesia)
- Temperature rise and influences on food, water, sanitation in Sub-Saharan Africa area (2 degree C globally 3 degree C in Sub-Saharan area)
- Rapid concentration of population and environmental degradation in urban area, and heat island effect as a result of poverty eradication policies
- Food security by deforesting mangrove and increased vulnerability of low-sea level areas

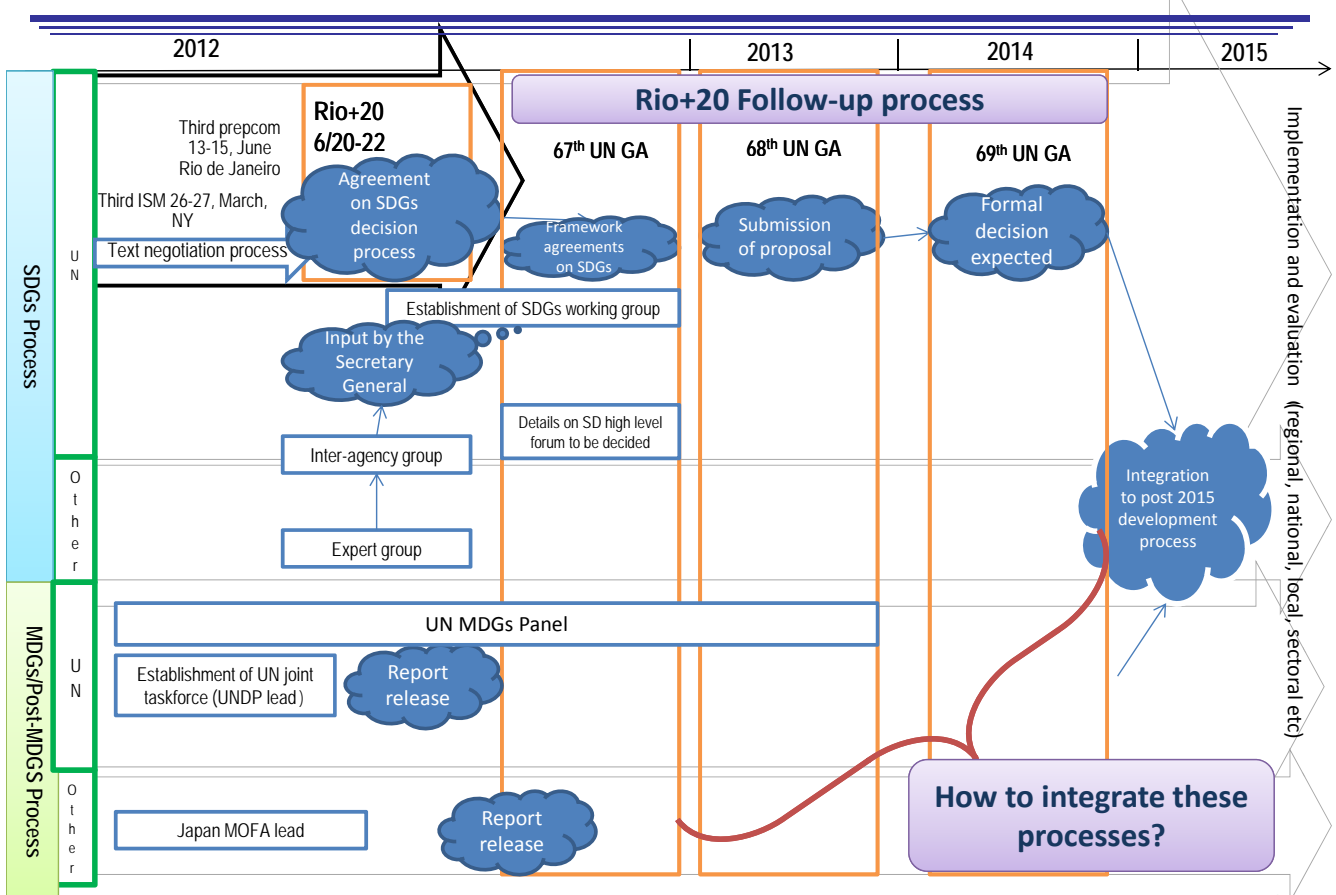
It is indispensable to approach post-MDGs by considering linkages with environmental change, as well as governance associating with it

Results of Rio+20 conference リオ+20の成果



- Only discernible achievements from Rio+20 Conference
- Agreed on process for establishing Sustainable Development Goals (SDGs)
 - Details to be agreed on UN General Assembly in 2012
 - Proposals to be submitted by working groups by 2013 UN General Assembly
 - Expected to be adopted in UNGA in 2014
- Integration with post-Millennium Development Goals (post-2015 development goals)

SDG and Post-MDG Processes



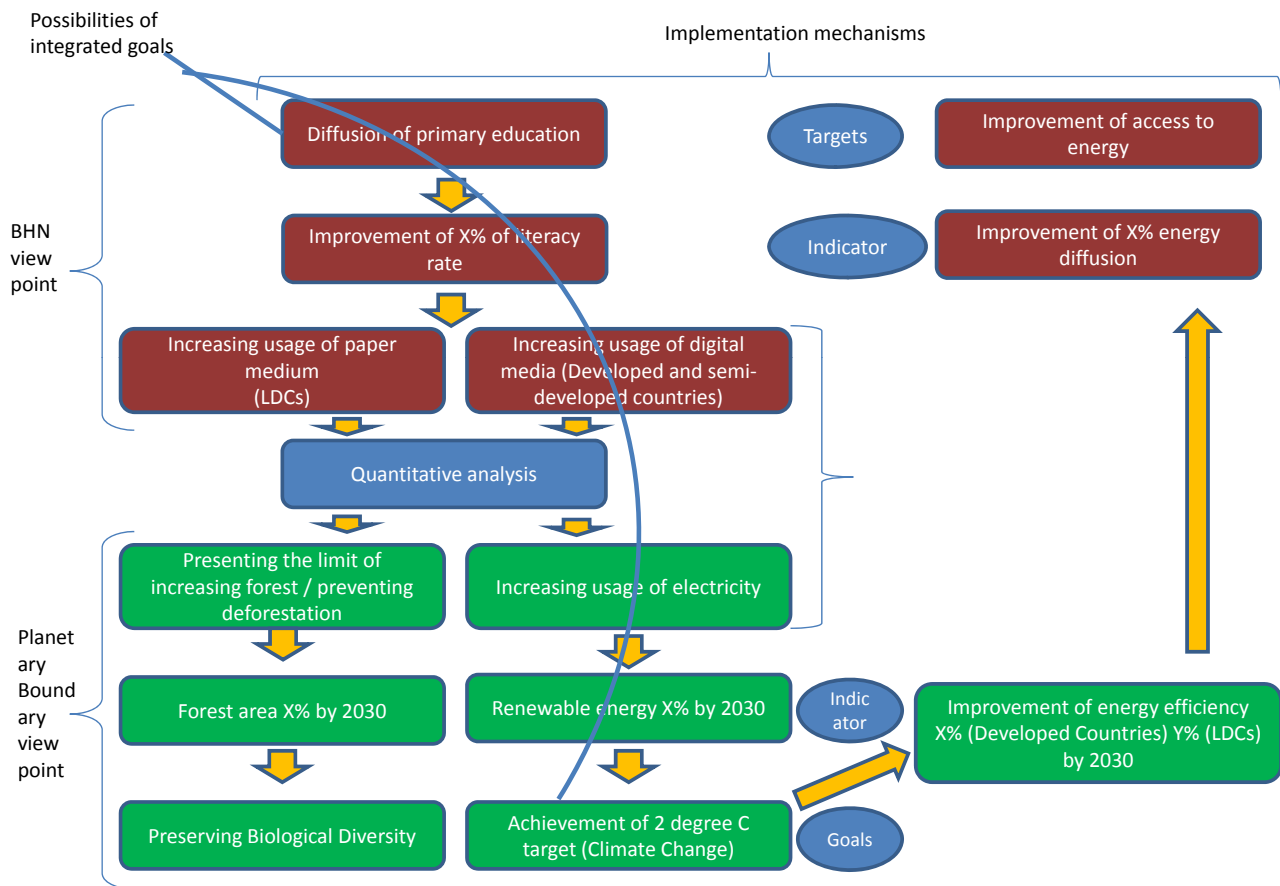


Image (example) of SDG construction (in terms of research)

Goals and Governance Architecture for sustainable development in the context of Planetary Boundaries
資源環境制約のもとでの持続可能な開発目標とガバナンス

Theme 1: Directions and goals of development under the planetary boundaries

- Goals**
- Analysis of directions of international discussions/ management of the project – managing coordination among working groups on goals and indicators
 - Structuring targets and presenting ideas and world image

Sub-themes

- Principles, norms and visions: ideas, fairness and equity to encourage leap-frogging
- Quantitative evaluation of numerical goals and targets for 2030 and 2050 using socio-economic models
- Presenting scenarios based on goals
- Nexus targets and indicators

Theme 2: SDGs and Indicators under the planetary boundaries

- Goals**
- Presenting goals and indicators under the planetary boundaries

Sub-themes

- Analysis of 'beyond GDP' goals and indicators
- Goals and indicators for green economy
- Evaluation of the Planetary Boundaries

Theme 3: SDGs based on 'Basic Human Needs' (BHN), especially about DCs and LDCs

- Goals**
- Presenting goals and indicators to fulfill BHN
 - Proposing development strategies for ODA and other means

Sub-themes

- SDGs from a view point of inclusive evaluation of MDGs: integrating MDGs and SDGs and its methodology
- MDGs-related goals and indicators in such issue as health and education (and more)

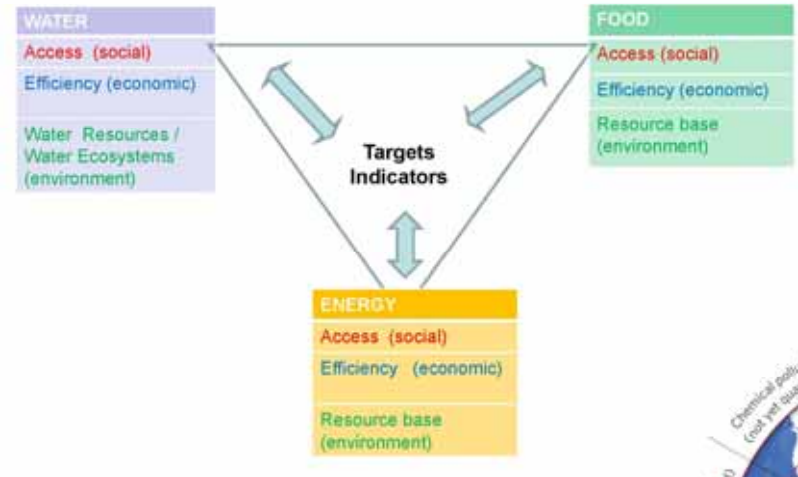
Theme 4: Governance for SDGs

- Goals**
- Presenting governance and norms relating to goals
 - Presenting national-level models

Sub-themes

- Multi-level governance: Global, Regional, National, Local Levels
- UN-centered Governance: SDC, two chambers in the UN, new decision –making systems
- Effectiveness of formal and informal (such as norms) institutions and their relations to goals
- Financial mechanisms

"Test drive" - Nexus SDG elements



Innovative goals are needed

