

SDG's implementation on Environment In Japan

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Why SDGs is important for us?

Ministry of Environment

- Mainstreaming ENV to Development
- Interlinkage – Multi benefit with stakeholders

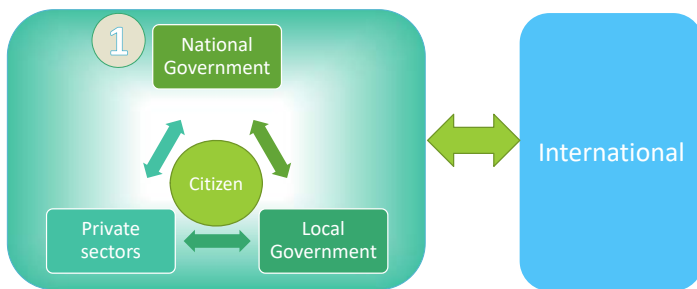
Local Government

- Attractive Cities =Competitive Cities
- National and International recognition

Private sector

- New social business
- ESG investment
- Sustainability of enterprises

SDGs' activities in Japan



2-1 National Implementation Framework

◆ SDGs Promotion Headquarters

- Established in the Cabinet in May, 2016
- Headed by Prime Minister
- Attended by all Ministers
- Stakeholder meeting for advice



◆ SDGs Implementation Guideline

- Define Vision, Priority issues, Specific measures, Indicators, Follow-up mechanism etc.
- Ensure coherence and inclusiveness of various measures by different Ministries.
- Define roles of stakeholders including private sectors, consumers, academia for SDGs

SDGs Stakeholders' Meeting organized by the MOEJ

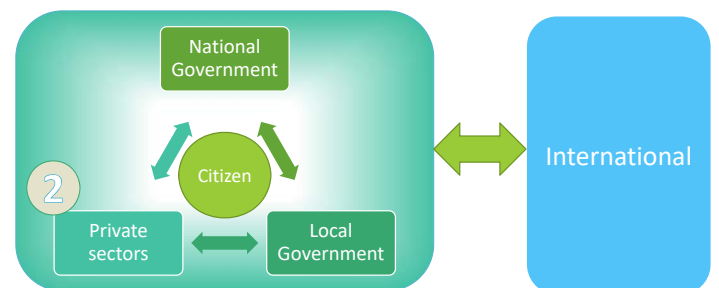
◆ Key Objective

1. Share **pioneering practices among stakeholders**
2. **Introduce the international trend** to Stakeholders
3. **Disseminate best practices** domestically and internationally

◆ Stakeholders' meeting in Aug and Dec

1. More than 400 audiences mainly from business
2. Five global companies shared their activities
3. Networking event for participants exchanged their views

SDGs' activities in Japan



Private sector's action for SDGs - Example 2: Sompo Japan (Insurance)

Weather Index Insurance for Southeast Asian farmers (SDGs Goal 2, 13, and 17)



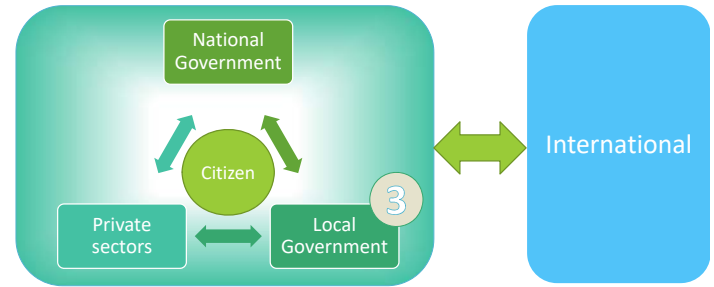
Insurance product to reduce agricultural business risk in Southeast Asia.

- Pay insurance amount when a weather index fulfills certain conditions without certificate of loss

- ➔ Reduce agriculture's risks by climate change,
- ➔ Expand the concept of insurance, and saving
- ➔ Expand insurance market to farmers

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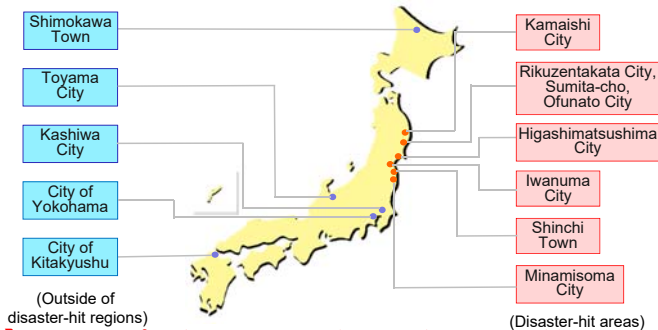
SDGs' activities in Japan



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Cities' Action for SDGs - Future Cities -

Future Cities selected by the Government (11 cities: 2011)

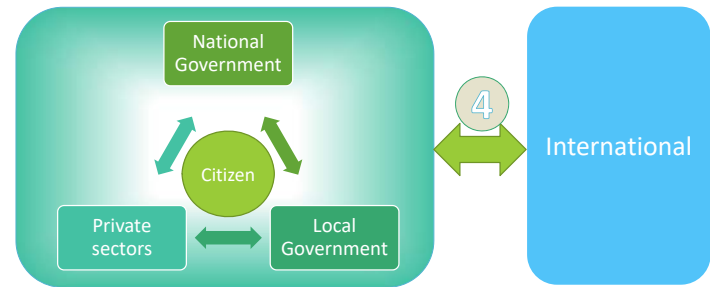


➔ A variety of ambitious proposals towards a sustainable society

Cited from Presentation by Dr. Shuzo Murakami on 6th International Forum on the Future City Initiative

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SDGs' activities in Japan



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7. Japan's Assistance Initiatives to address Climate Change

◆ The initiative on the Japan's major supports for the developing countries to address climate change in 2016

◆ Main Areas of Japanese Contribution

Mitigation	• Diffusion of superior low-carbon-emission technology
Adaptation	• Sharing of Japan's experiences and cases
Transparency	• Human resource development for inventory enhancement
Fluorocarbons	• Comprehensive measures for controlling emission of fluorocarbons
SDGs	• Support for sustainable societies

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Japan's Assistance Initiatives to address Climate Change

Sustainable Development Goals (SDGs)

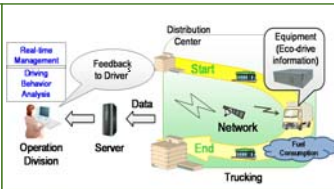
1. Feasibility study for JCM projects by city to city collaboration
2. International Cooperation for Realising ESCs
3. Regional 3R Forum in Asia and the Pacific
4. Science and Technology Research Partnership for Sustainable Development (SATREPS)
5. Monitoring national GHG emissions with satellite
6. Promoting international contribution by Climate Change Adaptation Measures of Water-Related Disasters
7. Support to promotion of forest conservation and sustainable forest management

JCM Project Host Country: Vietnam Eco-driving by Utilizing Digital Tachograph System

Project Owner: (Japan) NIPPON EXPRESS, (Host Country) NIPPON EXPRESS (VIETNAM)

Outline of GHG Mitigation Activity

- **Visualize** fuel consumption, running distance by an eco-drive improving system with digital tachographs on 124 trucks
- **Improve** driving behavior by advice based on the analyzed data, and feedback linked to the training outcome.
- **Contribute** to improvement of transportation quality such as car accident, as well as fuel efficiency.



CDM Project 7455 in Malaysia



Expected GHG Emission Reductions

328 tCO₂/year

← (Reference Fuel Consumptions – Project Fuel Consumptions) x Emission Factor (EF)

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ASEAN ESC Model Cities Year 3 Overview

◆ Background:

Established with support by the Japan-ASEAN Integration Fund (JAIF), **ASEAN ESC Model Cities is ASEAN's platform of 'frontrunner' cities in 2011**

- Implement innovative practices
- Improving local quality of life
- Contribute to national/global goals.



◆ Main activities:

- **Support training and seed funds** for pilot projects in Model Cities to develop/scale up good practices
- **Connect Model Cities** to learn each other within countries and across ASEAN countries
- **Recommend high-potential cities** to additional project and training opportunities by other supporting organizations

40 Model Cities (total no. Year 1 - 3)	200++ Activities
8 Countries	55,000++ People Engaged
1 ASEAN Community	~50% matched government contributions

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Model Cities Year 3 Activities [Excerpt] (as of 1 Dec 2016)

Country / City	Year 3 Activities (in progress)	Targeted SDGs*
Cambodia	Pursat Initiate a pilot 'Model Green Building', focusing on solid waste management (SWM) and better overall environmental management.	3, 7, 11, 12
	Keo Establish a Model Eco-School focusing on SWM, renewable energy and awareness raising campaigns.	3, 11, 12
Indonesia	Banjarmasin Scale up citywide replication of waste banks to achieve the goal of at least 50 new community waste banks established in one year.	3, 11, 12
	Malang Establish local 'Data Revolution' in Malang City by training at least 30 schools on Measurement, Reporting and Verification (MRV).	3, 7, 12
Lao PDR	Luang Prabang Establish the city's first Model Green Public Toilet (fulfilling the ASEAN Public Toilet Standard) directly attached to a decentralised wastewater management system (DEWATS) at the Night Market - the busiest spot in city.	6

* **SDGs**
 3 – Good health & well-being
 6 – Clean water & sanitation
 7 – Affordable & clean energy
 11 – Sustainable cities & communities
 12 – Responsible consumption & production

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Pilot Training Workshop on City Experiences

Waste Management for Low-Carbon, Resilient and Sustainable Cities

(9-13 January 2017, Kitakyushu City)



Peer-to-Peer learning for finding solutions applicable to local contexts

Lectures

- Collection, separation, recycling, treatment
- International financial/technical support
- Disaster waste
- Awareness & Education
- Waste and climate change



Site visits

- Incineration plant (waste-to-energy)
- Garbage collection site
- Recycling center
- Semi-Aerobic Landfill
- Environmental museum



Sharing & discussions

- Japanese cities' experiences (Kitakyushu, Hiroshima, Minamata)
- Participating cities and countries



Action Planning

- Balikpapan City
- Chiang Mai Province
- Mandalay City
- Thai Nguyen Province
- Quezon City
- Cambodia (MOE)
- Viet Nam (MONRE)



Next Steps to promote SDGs implementation...

1. Localize SDGs into the environment Plan and support to integrate environmental aspect into local development planning
2. Support to connect private sectors which actively engaged in SDGs to ESG investment
3. Support to develop and scale up good examples of SDGs projects which has multi benefits with multi stakeholders.
4. Accelerate to share, plan, and act with Multi-level Stakeholders

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Thank you for your attention

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