

Discussion toward the decarbonized society

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Asia-Pacific Integrated Model

<http://www-iam.nies.go.jp/aim/index.html>



Themes at Discussion (Session 10)

Research and Implementation toward decarbonized society

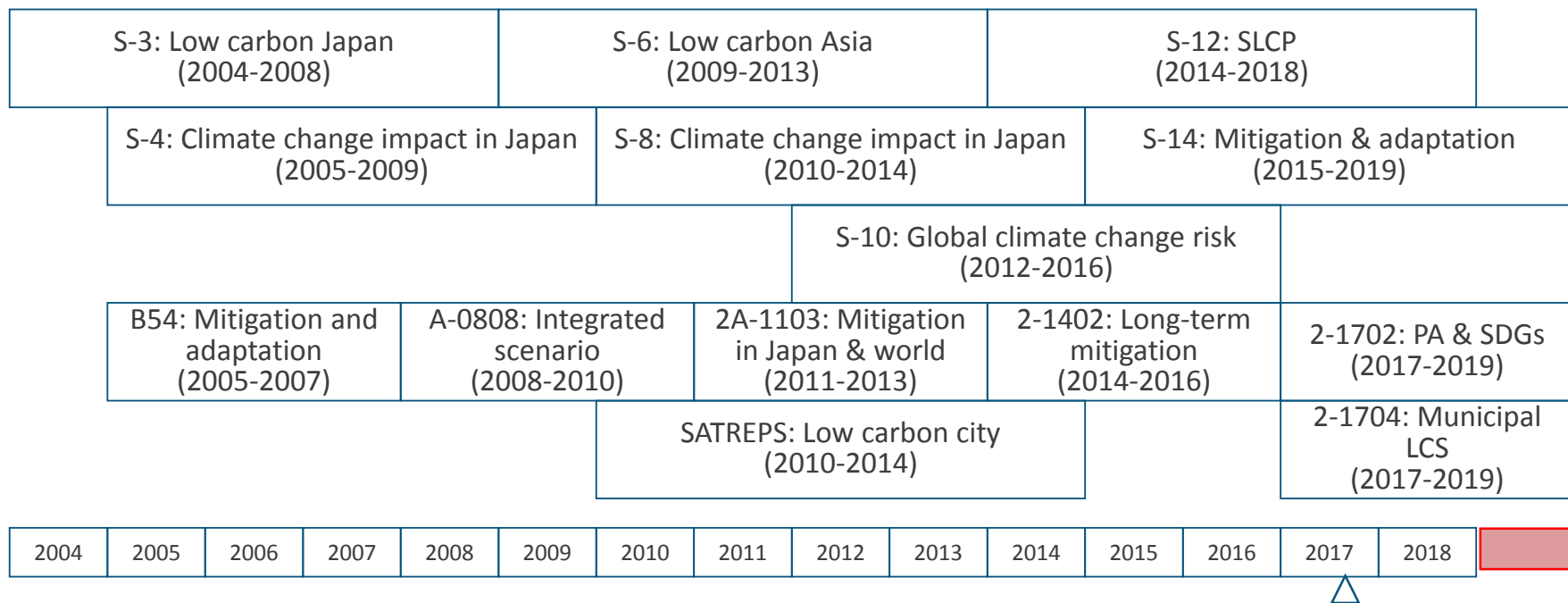
1. Research collaboration in short-term (research budget) and long-term (topics)
 - Short: S-12 (SLCP) will finish in March 2019 (FY 2018). What is the next topic? In order to start next research from FY 2019, we will apply new research proposal to ERDTF in November 2018.
 - Long: What is requests to AIM?
2. Research toward IPCC AR6
 - Presentation by Prof. Shukla on November 27.
3. Policy support based on the Paris Agreement (NDC, long-term low GHG strategy, adaptation strategies, etc.)
 - From model to implementation.
 - Linking SDGs.

2. Research toward IPCC AR6

- One of the most important activities for us.
- See presentation by Prof. Shukla in Session 2.

1. Research collaboration in short-term (research budget) and long-term (topics)

- Previous main research projects (Environment Research and Technology Development Fund)



- In order to propose a new research project which will start in 2019, "What is important topic?" and "What is new?" should be clear now.
- What kind of new model/framework is needed?

1. Research collaboration in short-term (research budget) and long-term (topics)
 3. Policy support based on the Paris Agreement (NDC, long-term low GHG strategy, adaptation strategies, etc.)
- How to proceed: for example...

For research

- Research collaboration
 - New topics
 - New models
 - New analyses
- Collaboration within AIM team
- Collaboration with other teams
 - PNNL
 - CIRED
 - WI
 - IIASA

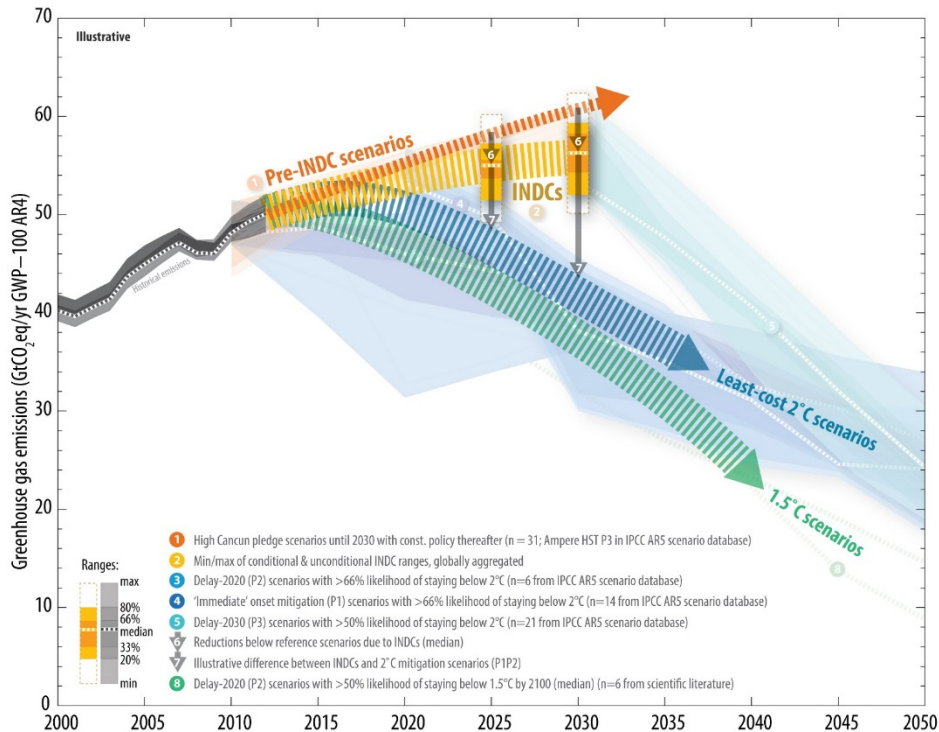
For implementation

- Capacity building
 - for policy makers
 - for researchers to support policy makers
- Collaboration with various stakeholders
- LoCARNet and LCSRNet are existing platform. How to use?

2/1.5 degree target and sustainable development

How to satisfy both long-term and middle-term goals?

How to take into account circumstances in each country?



Source: <http://unfccc.int/resource/docs/2016/cop22/eng/02.pdf>

Big gaps between optimal emission pathways and present mitigation target.



Sustainable development goals

How to make use of our existing research stocks in Asia and How to promote our activities to the next steps?

Malaysia

- Putrajaya
- Cyberjaya
- Iskandar Malaysia

India

- Bhopal
- Ahmedabad

Vietnam

Bangladesh

Indonesia

Cambodia

Japan

- Kyoto
- Shiga

China

- Guan Zhou
- Dalian

Thailand

- Ratchaburi
- KhonKaen

S. Korea

- Kyonggi-do

Book Covers and Reports:

- LOW-CARBON SOCIETY SCENARIOS MALAYSIA 2030
- LOW-CARBON CITY 2025 SUSTAINABLE ISKANDAR MALAYSIA
- Low Carbon Society Blueprint for Iskandar Malaysia 2025
- Putrajaya Green City 2025
- Towards Putrajaya Green City 2025
- Cyberjaya Digital Green City 2025
- Low Carbon Society Scenario INDIA
- Low Carbon Society Scenario Bhopal 2035
- A road map towards Low Carbon Ahmedabad 2050
- Low Carbon Society Scenario Towards 2050 in Vietnam
- Low-Carbon Society Development towards 2025 in Bangladesh
- Low Carbon Society Scenario Towards 2050 INDONESIA
- Low Carbon Development Strategy for Cambodia toward 2050
- A Roadmap towards Low Carbon Kyoto
- A Roadmap for Sustainable Shiga towards 2030
- Shiga's scenario towards the realization of a sustainable society
- A Roadmap for Sustainable Shiga towards 2030
- Research Analysis on Low-Carbon Economy Development of Jilin City
- Low Carbon Society Scenario Towards 2050 Guangzhou
- Preliminary feasibility study on Low Carbon Development Towards 2050 in Kyonggi Province
- Roadmap to Low Carbon Thailand towards 2050
- Khon Kaen Towards Low Carbon Society



Other international collaborations

Discussion!

Research and Implementation toward decarbonized society

1. Research collaboration in short-term (research budget) and long-term (topics)
2. Research toward IPCC AR6
3. Policy support based on the Paris Agreement

We welcome your comments and suggestions.