

Introduction of the Session

“Integration of Local Actions into National Development towards SDGs in Asia and the Role of Science and Technology”

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Local, National, and International Actions are Needed for Achieving SDGs



**SUSTAINABLE
DEVELOPMENT**

GOALS

**1 NO
POVERTY**



**2 ZERO
HUNGER**



**3 GOOD HEALTH
AND WELL-BEING**



**4 QUALITY
EDUCATION**



**5 GENDER
EQUALITY**



**6 CLEAN WATER
AND SANITATION**



**7 AFFORDABLE AND
CLEAN ENERGY**



**8 DECENT WORK AND
ECONOMIC GROWTH**



**9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE**



**10 REDUCED
INEQUALITIES**



**11 SUSTAINABLE CITIES
AND COMMUNITIES**



**12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION**



**13 CLIMATE
ACTION**



**14 LIFE
BELOW WATER**



**15 LIFE
ON LAND**



**16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS**



**17 PARTNERSHIPS
FOR THE GOALS**



**SUSTAINABLE
DEVELOPMENT
GOALS**

For example, energy access (Goal 7) needs to take actions in rural area...

Electricity access in 2014 - Regional aggregates

Region	Population without electricity millions	Electrification rate %	Urban electrification rate %	Rural electrification rate %
Developing countries	1,185	79%	92%	67%
Africa	634	45%	71%	28%
North Africa	1	99%	100%	99%
Sub-Saharan Africa	632	35%	63%	19%
Developing Asia	512	86%	96%	79%
China	0	100%	100%	100%
India	244	81%	96%	74%
Latin America	22	95%	98%	85%
Middle East	18	92%	98%	78%
Transition economies & OECD	1	100%	100%	100%
WORLD	1,186	84%	95%	71%

SOURCE: IEA, World Energy Outlook 2016

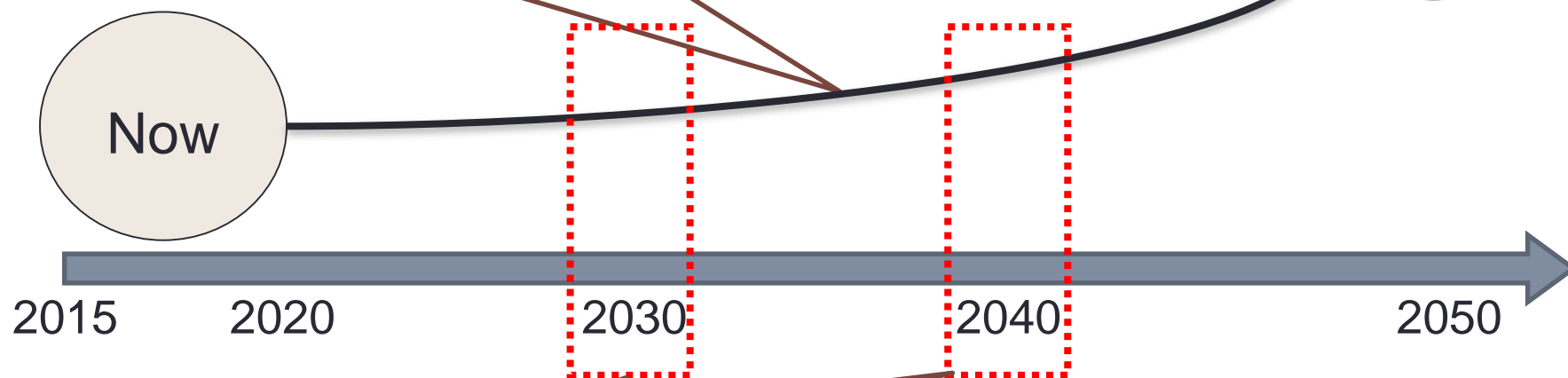
Questions of this Session



(1) What is National Targets and Actions towards the SDGs in Asia?

(2) How to Design Roadmaps/Pathways towards the SDGs in Local/City Scale?

Sustainable Society



(3) How to Monitor Progresses and Impacts of Actions (or MRV for Actions) towards the SDGs?

(4) How to Integrate (1) to (3), and the Role of S&T

Presenters in this Session

- **National Actions** towards the SDGs in Asia
 - Dr. Mikiko Kainuma, Senior Research Advisor, IGES, Japan
 - Dr. Chatchai Intatha, Environmental Official - Senior Professional Level, ONEP, Thailand
- Designing Actions towards the SDGs by **Analytical Models**
 - Prof Toshihiko Nakata, Tohoku University, Japan
 - Dr. Retno Gumilang Dewi, Head of Center for Research on Energy Policy, Institut Teknologi Bandung (ITB), Indonesia
 - Dr. Shuichi Ashina, NIES, Japan
- Evaluating the Implementation of the SDGs by **Monitoring**
 - Prof. Tsuyoshi Fujita, NIES, Japan
 - Dr. Yukio Terao, NIES, Japan
- **How to Integrate** Local Actions and National Development, and the Expected **Role of Science and Technology**
 - General Discussion

NOTE: Each Presenter has **20 min** for Presentation