

Session 6:
Policies and Strategies on LULUCF
toward low carbon and challenges in
Their Implementation

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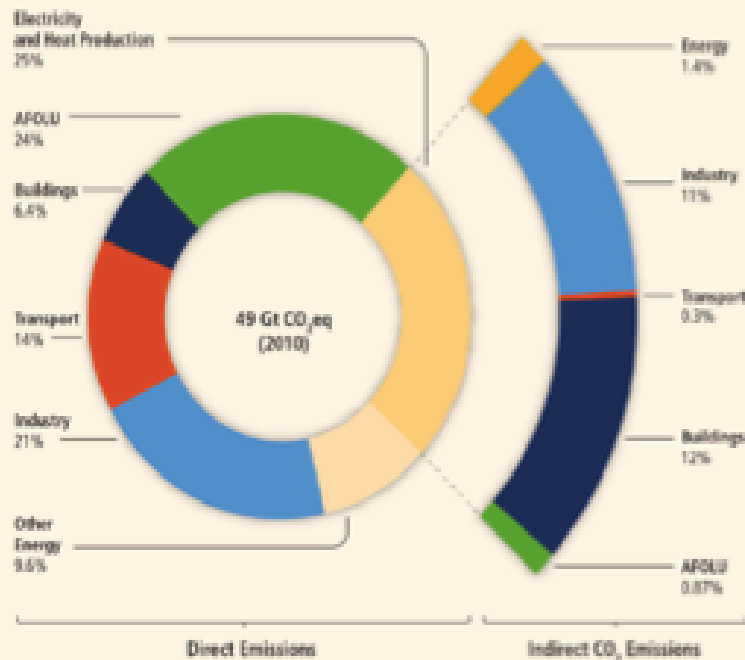
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Centre for Climate Risk and Opportunity Management (CCROM)

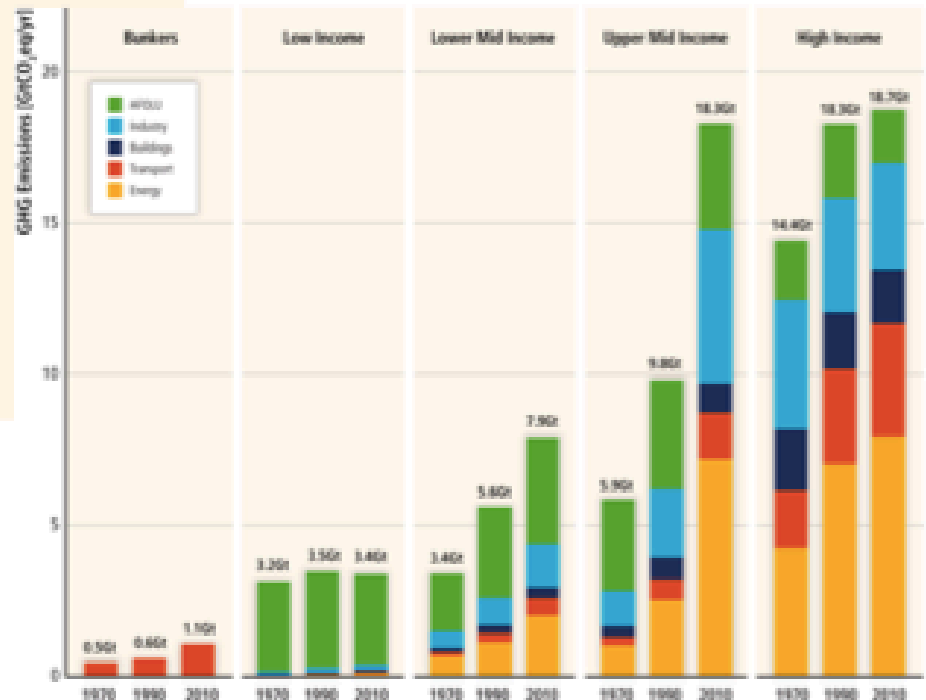
Bogor Agricultural University

NEW FINDINGS of AR5:

**AFOLU represents 20-24% of total emissions.
Globally the largest emitting sector after energy...**

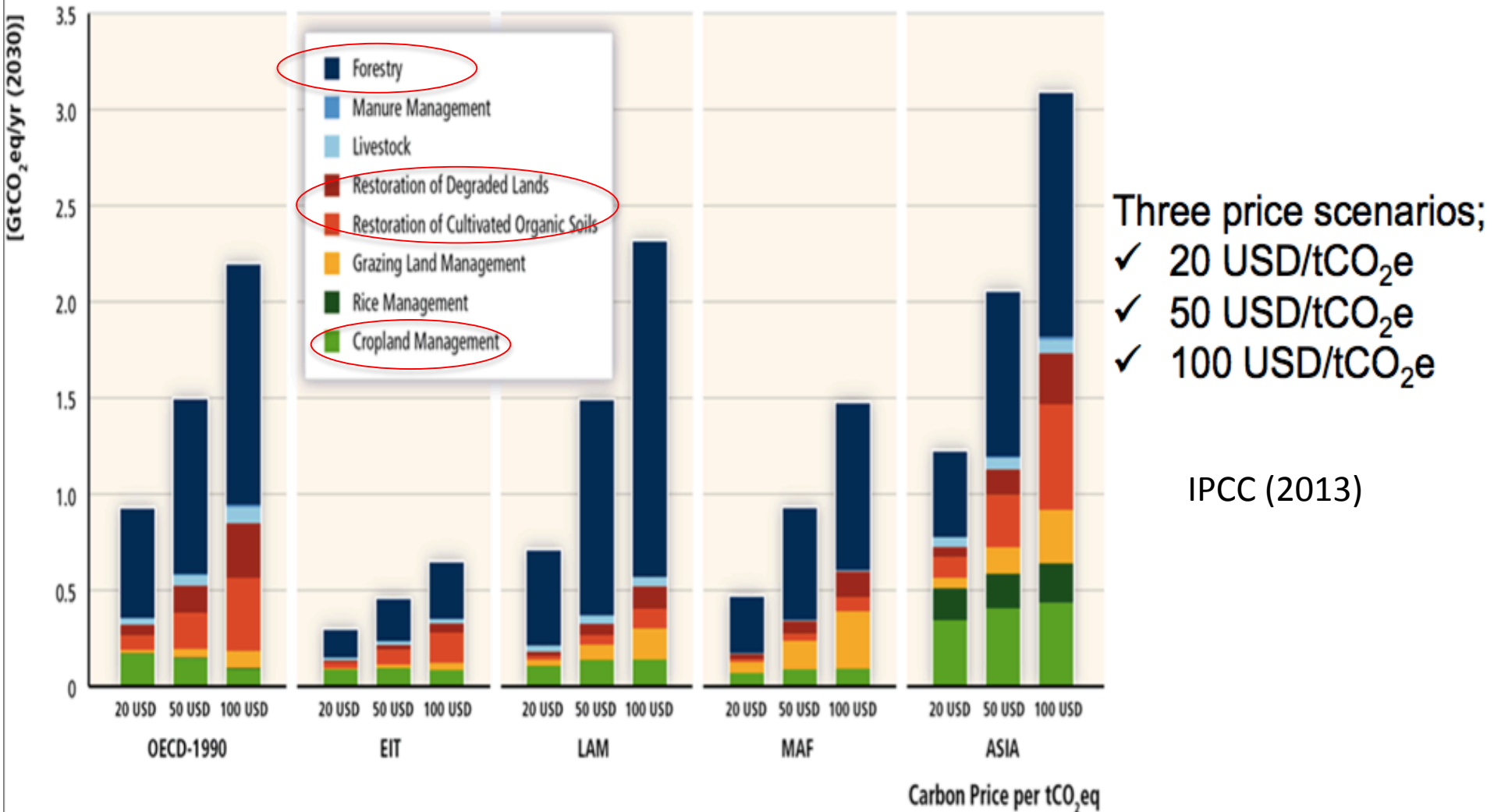


**...and even more important
in developing countries**

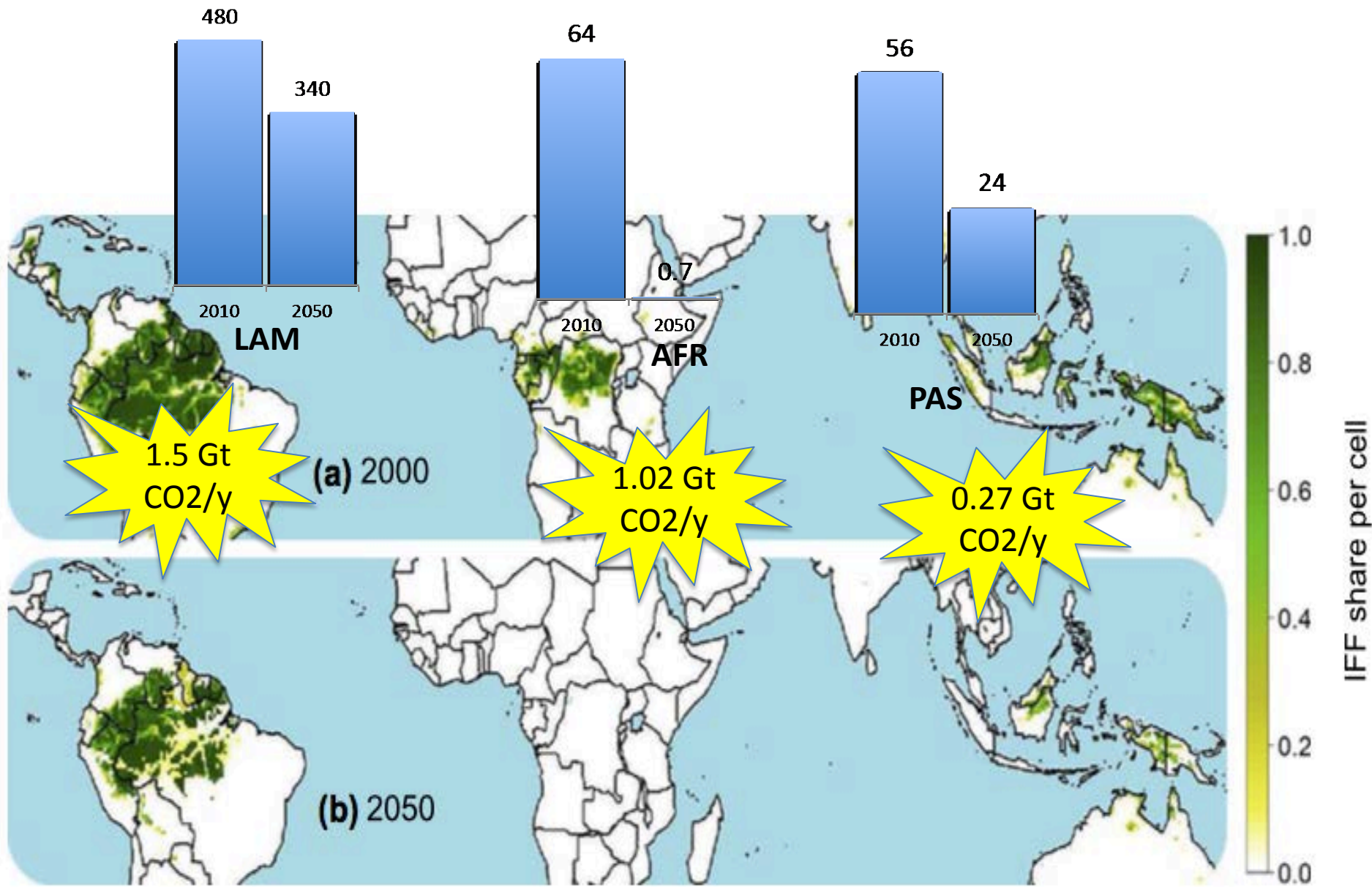


IPCC (2013)

Economic mitigation potentials in the AFOLU sector by region by 2030 – Supply side.

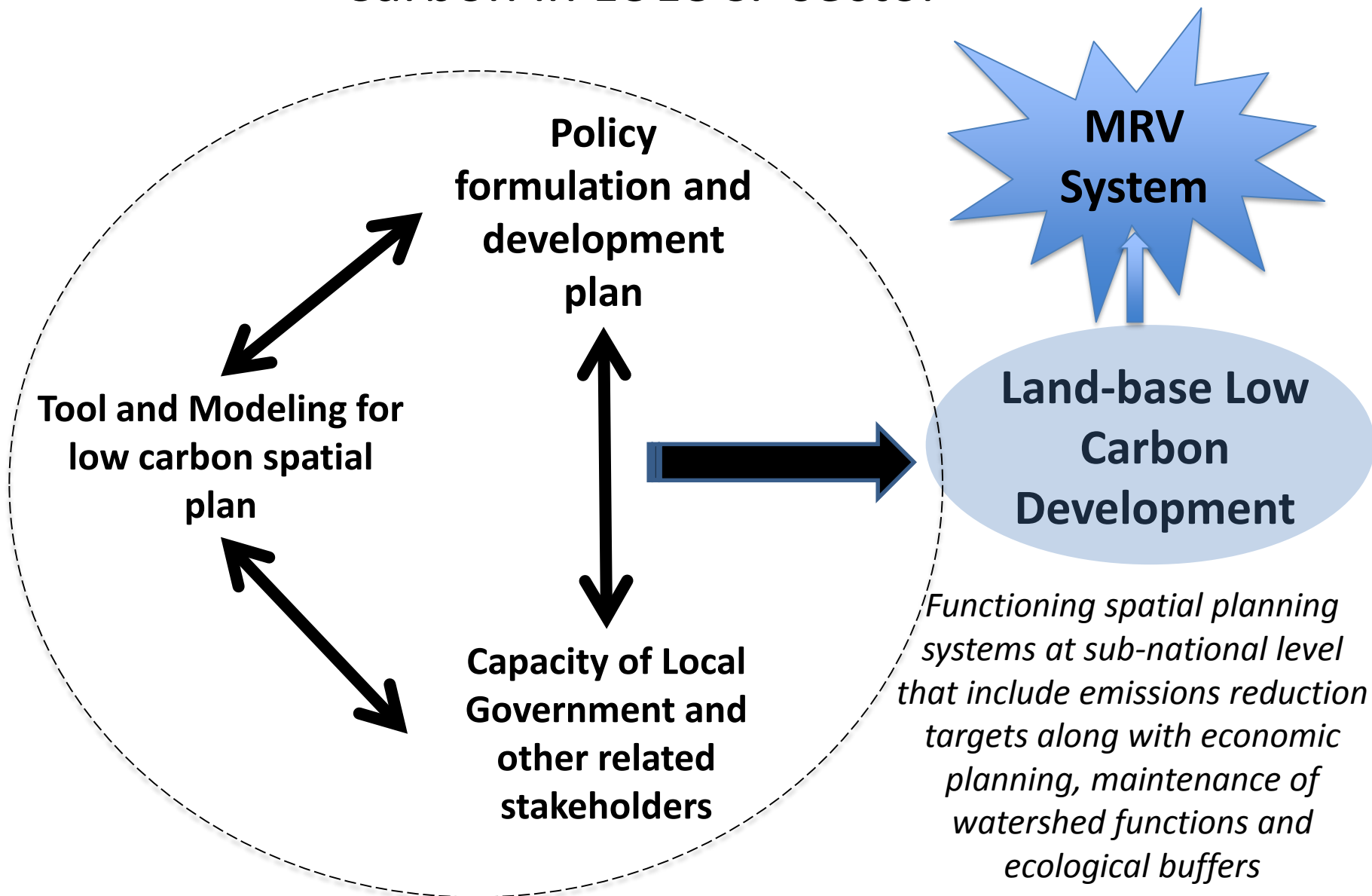


Supply side: economic mitigation 7.18 - 10.6 GtCO₂e/yr at carbon prices up to 100 USD/tCO₂e. About a third can be achieved at <20 USD/tCO₂e



LOSS OF INTACT AND FRONTIER FOREST IN TROPICAL COUNTRIES WITHOUT MITIGATION POLICIES (Schmitz et al., 2014)

Development of Policies and Strategies Toward Low Carbon in LULUCF sector



Objectives

- To share views, experiences and practices from countries on designing policies and strategies for managing land and forest resources using sciences and challenges in their implementation
- To share progress in the development of MRV system for evaluating the effectiveness of the policies and strategies in reducing emission from the LULUCF sectors including the capacity needs
- To gain inputs on the improvement of policies and strategies for land and forest resource management toward low carbon

Outlines

1. Low carbon urban spatial simulation of Tokyo Metropolitan Region and application for Asian Cities: **Prof Tsuyoshi Fujita** (Director, Center for Social and Environmental Systems Research, National Institute for Environmental Studies, NIES)
2. Future spatial analysis utilizing innovative satellite information: **Dr Nobuko Saigusa**, (Deputy Director, Center for Global Environmental Research, NIES)
3. Designing low carbon and climate resilience watershed management through Multi-stakeholder process: Study Case in Philippines: **Prof Damasa B. Magcale-Macandog**, (University of the Philippines Los Banos)
4. Saving Tropical Forest through Sub-National GCF: Challenge and Opportunities: **Mr Bernadinus Steni** (Governors Climate and Forest Task Force Coordinator, Earth Innovation Institute – INOBU)
5. Malaysian REDD+. **Mr Mohd Azuwan Bin Abdullah** (Ministry of Natural Resources and Environment)