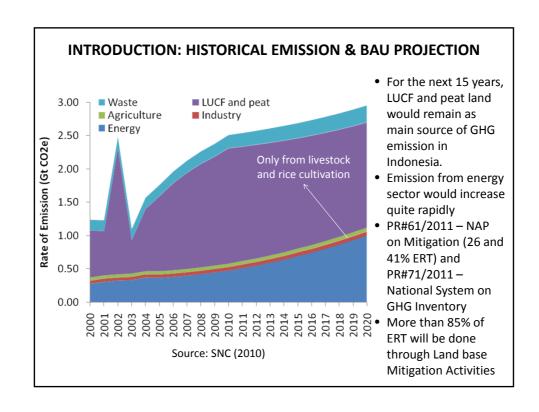


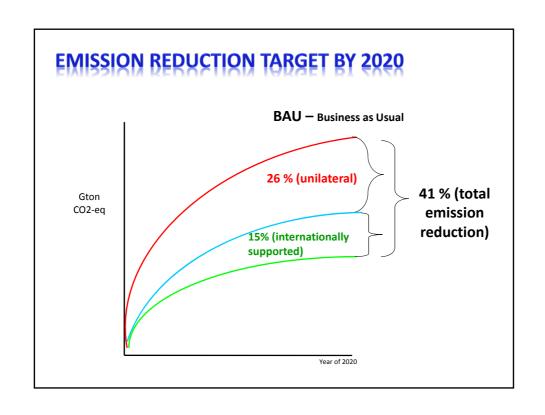
Mitigation Policies and MRV system in Indonesia: Challenges and Opportunities

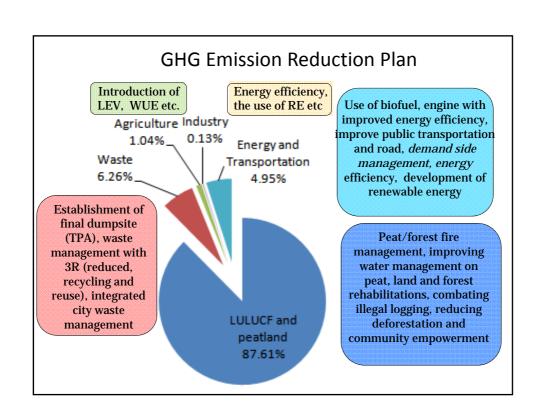
Rizaldi Boer



Centre for Climate Risk and Opportunity Management in South East Asia and Pacific, Bogor Agriculture University



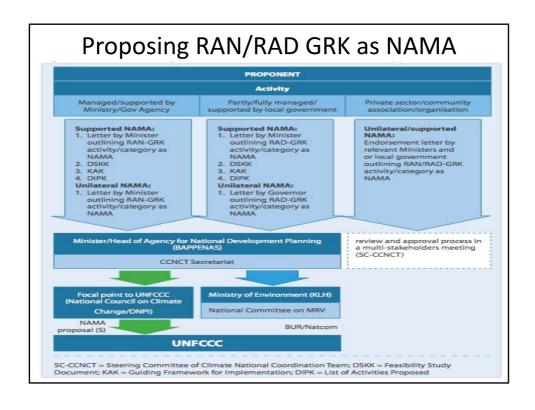


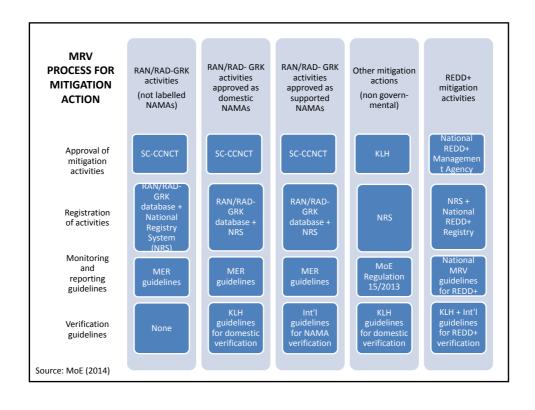


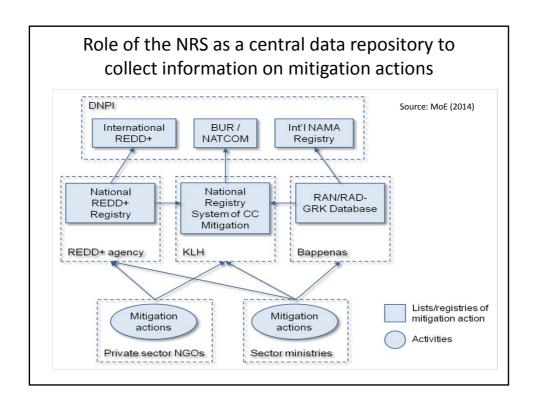
Indonesia – GHG Emission Reduction Plan				
Sectors	Emission Reduction Plan (Giga ton CO2e)		Total	Action Plan
	26%	15% (Total 41%)	Total	
Forestry & Peatland	0.672	0.367	1.039	Land & forest fires control, Water resources & system management, Forest & land rehabilitation, Industrial Plantation Forest/HTI, Communal Forest/HR, Illegal logging eradication, Deforestation prevention, Community empowerment.
Waste	0.048	0.030	0.078	3R strategy of waste management Integrated waste management in urban areas
Agriculture	0.008	0.003	0.011	Intro of low emission rice variety, Efficiency of water irrigation, Organic fertilizer utilization.
Industry	0.001	0.004	0.005	Energy efficiency, Renewable energy utilization, etc.
Energy & Transporta- tion	0.038	0.018	0.056	Bio-fuel use, Irigh gasoline fuel standard machinery, Improvement of TDM, Quality of public road & transportation, Demand Side Management, Energy efficiency, Development of renewable energy
Total	0.767	0.422	1.189	

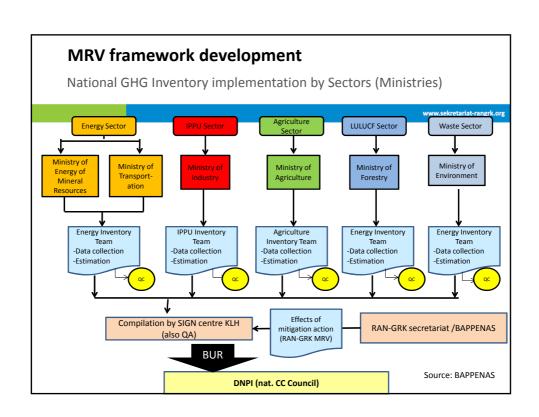
Types of mitigation activities

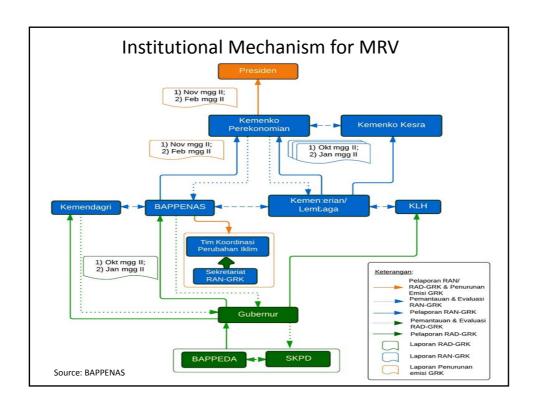
- Government-led mitigation actions to be subdivided in:
 - RAN/RAD GRK actions not being labelled as NAMAs
 - RAN/RAD GRK actions approved as domestic NAMAs and
 - RAN/RAD GRK actions approved as supported NAMAs
- Other (private sector or NGO initiated) mitigation actions that seek national recognition (e.g. climate village, green buildings).
- REDD+ mitigation actions

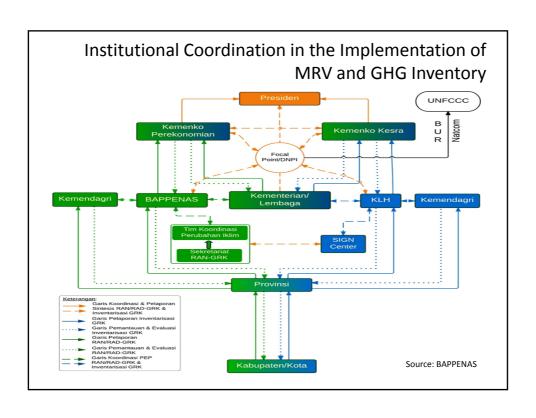


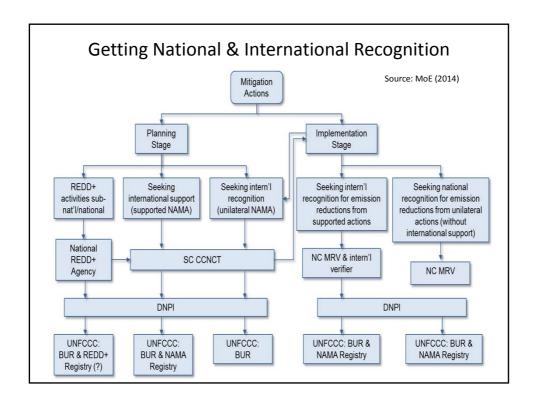












CHALLENGES & OPPORTUNITIES

- Developing reliable baseline (reference level and reference emission level)
- Capacity of Human resources at sectoral and local level
 - Relation between Mitigation and GHG Inventory
 - Data collection
 - QA/QC for key data sources
- Measuring impact of mitigation policies on emission reduction
- Remote sensing/GIS and information technology can help to increase data reliability
- Modeling tools can help to assess policy impact on emission and other development indicators