

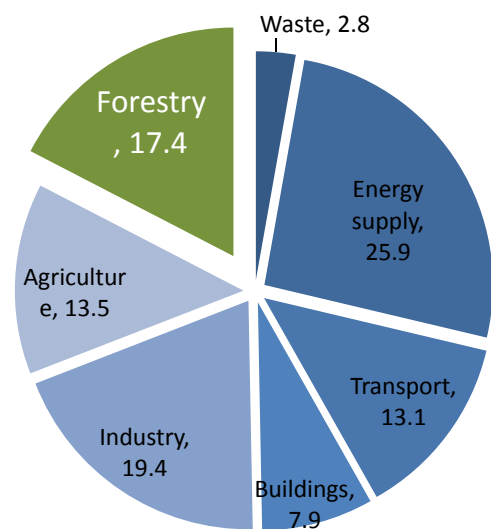
# MRV in REDD+

## - local participation is key -

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### Huge mitigation potential in forest sector

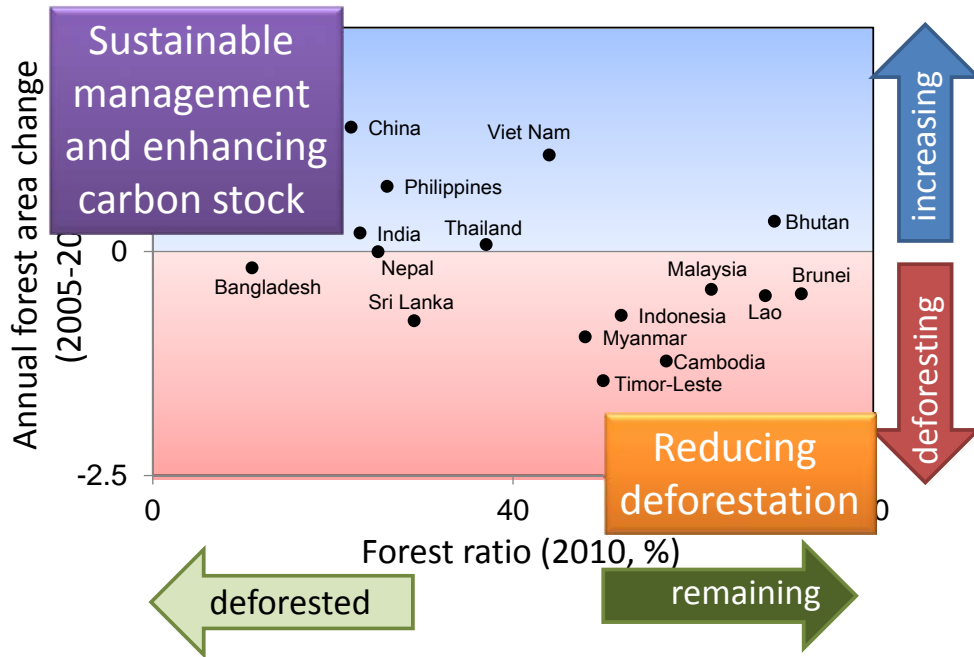
- Emission from deforestation in tropical regions: 3 billion tCO<sub>2</sub>/yr
  - Total emission from Japan = 1.3 billion tCO<sub>2</sub>/yr
- Reducing emission from deforestation in tropics is essential for the climate mitigation
  - The “2C target” can only be achieved if REDD+ is part of the solution



Sources of global GHG emission by sector (IPCC 2007)

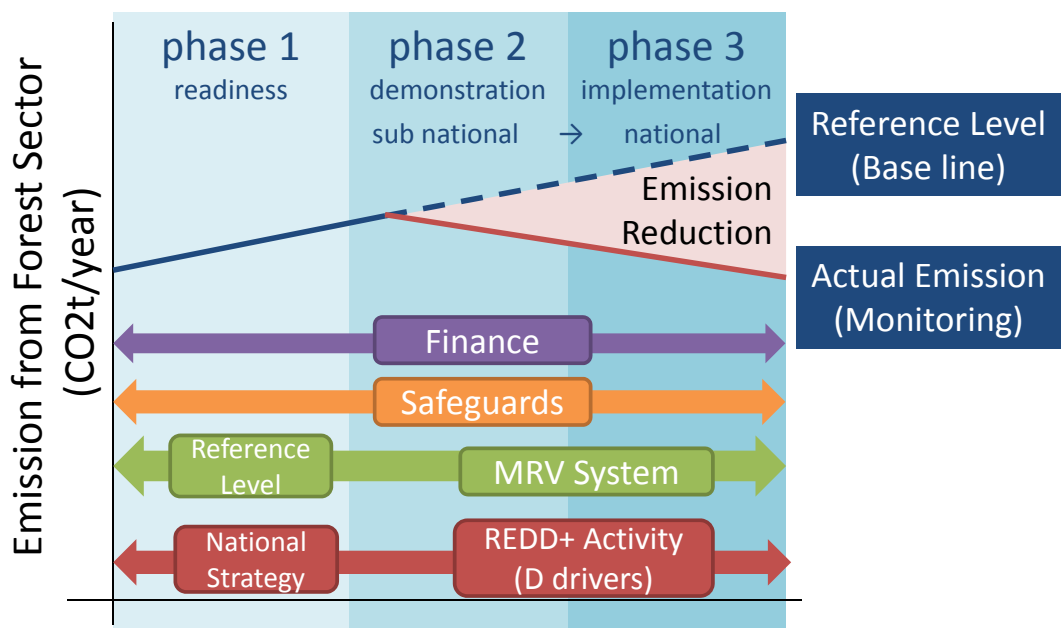
# REDD+:

## Equitable mitigation measure in forest sector



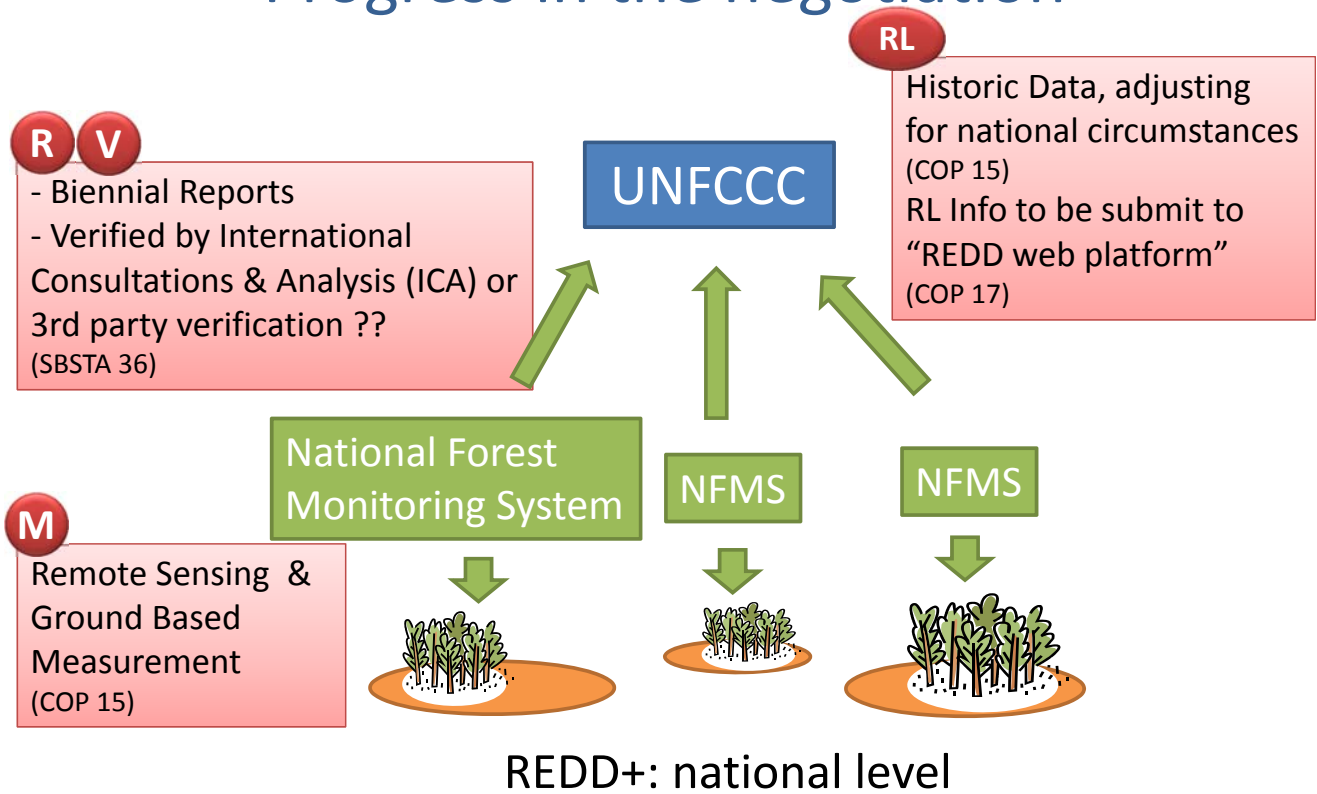
- Participation of all countries is important to avoid international leakage
- Reducing Emission from Deforestation and forest Degradation (REDD)
- “+”: conservation of forest C, sustainable forest management and enhancement of forest Carbon

## Elements to develop for REDD+ (COP16)

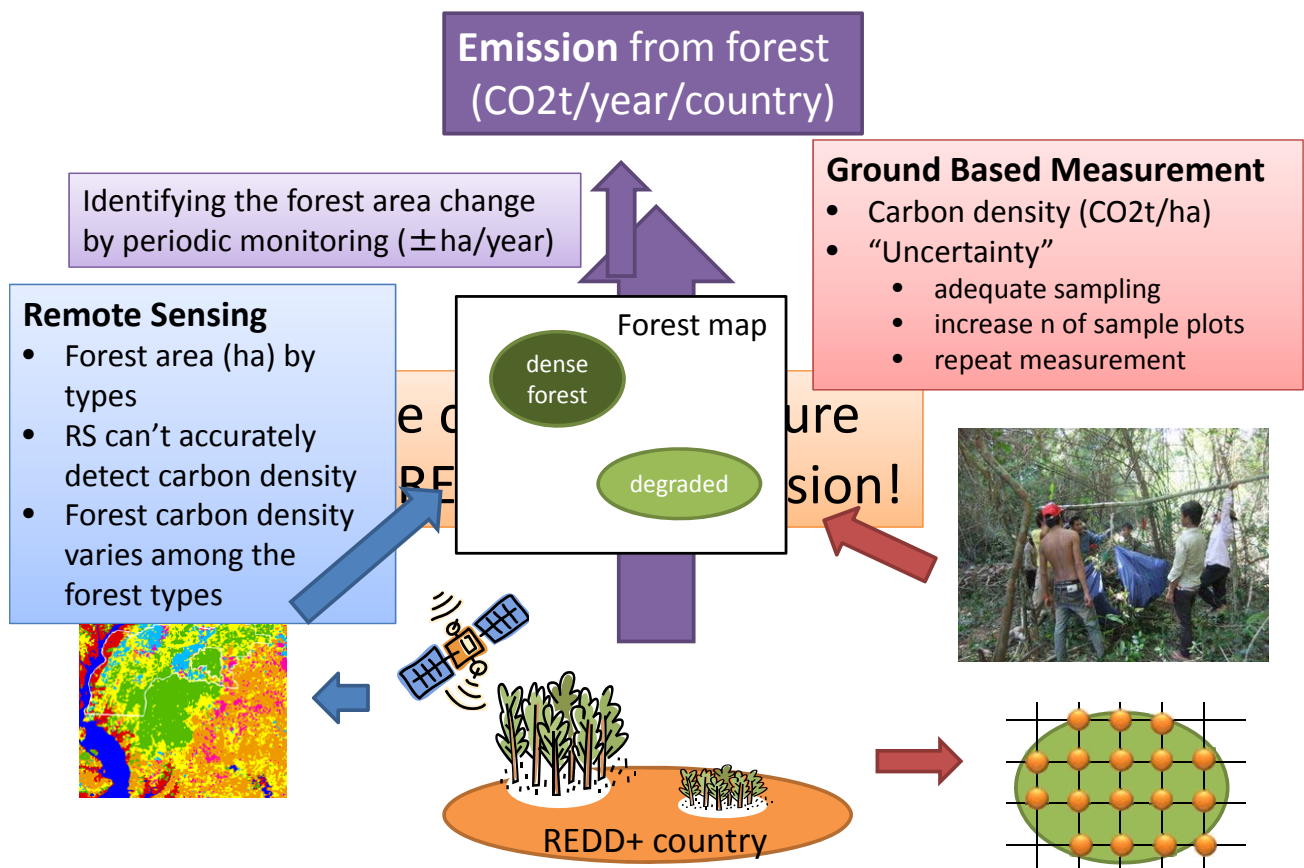


### 4 pillars of REDD+ negotiation

# MRV for REDD+: Progress in the negotiation



## Forest Carbon Monitoring for REDD+



# Local participation is key to REDD+

## Why local participation?

- Main stakeholder
  - 1.3 billion poor people living in and depending their livelihood on the forest
- Rights issues
  - human, land, resources...
- Sustainability of REDD+ activity
  - To address the deforestation drivers, the livelihood of the community should be improved
  - Participation increases the sense of ownership
  - Preventing leakage



## “Local participation” in UNFCCC docs

- Monitoring & Reporting (COP15)
  - full and effective engagement of indigenous peoples and local communities
  - potential contribution of their knowledge
- Safeguards to be promoted in REDD+ (COP16)
  - Respect knowledge & rights of indigenous peoples & local communities
  - Full & effective participation of relevant stakeholders
  - Transparent & effective governance



# IGES: Community Carbon Accounting

- Forest measurement is one way that local groups can participate in monitoring
- To develop and test approaches to engage local communities in monitoring their forest carbon stocks



## Findings in CCA project



- Communities can take accurate forest measurements
  - Forest monitoring has long been the sole domain of trained experts
  - Well-designed training for the community is essential
  - Continuous back-up support is necessary
- Low cost, easy-to-use instruments and methods for the community should be developed and used

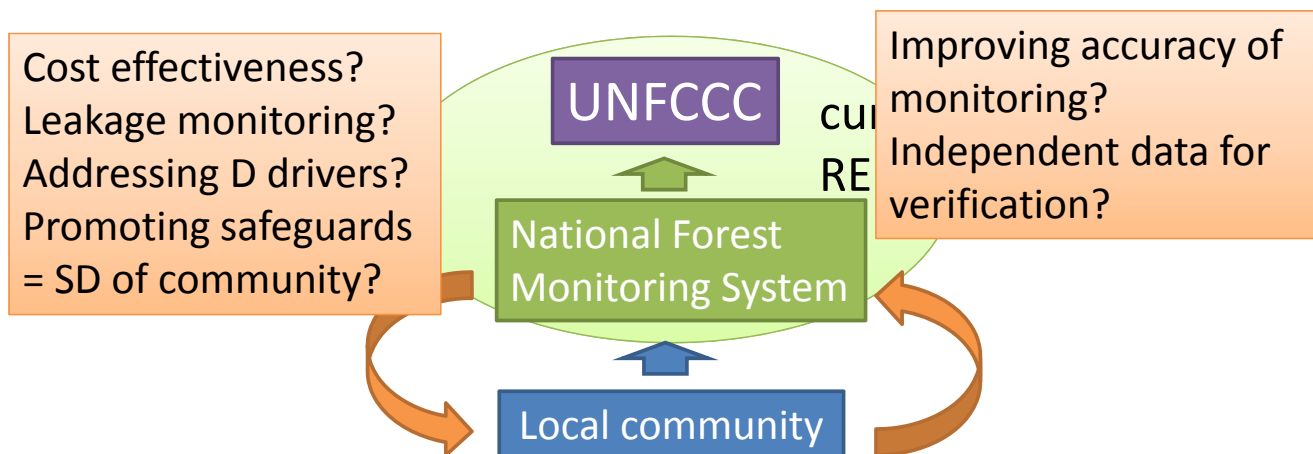


- Training of community trainers and well prepared training programs for the community is critical
  - Capacity building of the trainer for the necessary skills (measuring, mapping, data processing, teaching local people)
  - “Community participation workshop” was held for the partner in Vietnam to improve their understanding on the concept of “meaningful” participation

CCA project demonstrated that the local community can take measurement and collect data for forest carbon stock estimation

## Next Step of CCA project

- How can the community involve in REDD+ MRV ?
  - What is the benefit to include CCA into NFMS?
  - Need standards & guidelines of forest monitoring which local people can understand and implement
  - IGES: developing a guidebook for CCA



# THANK YOU

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