



# REDD+ Status In Bangladesh

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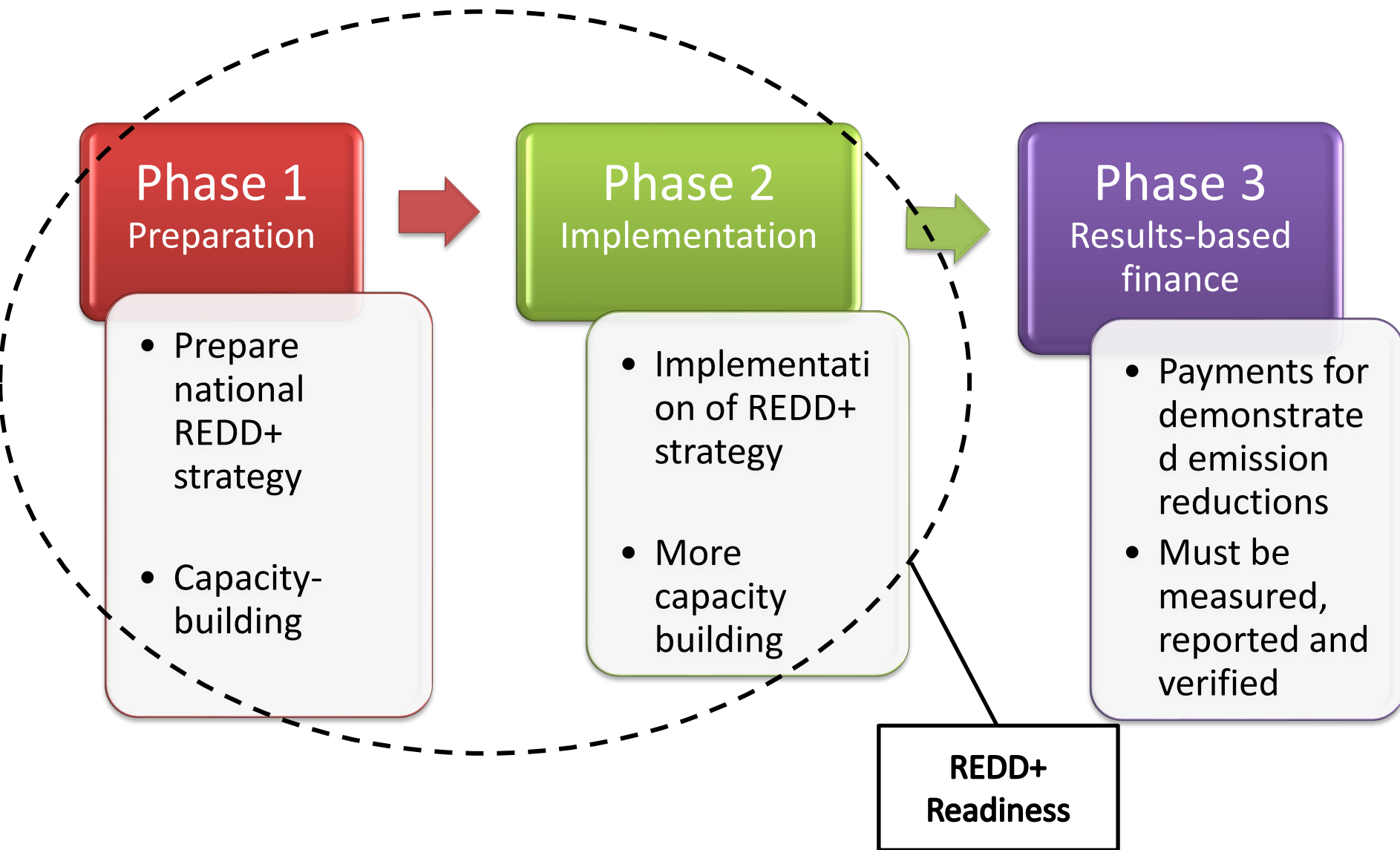
# Presentation Outline



- **REDD+ Phases**
- **REDD+ readiness in Bangladesh**
- **National Forest Monitoring System**
- **Forest Reference Level**
- **Bangladesh National REDD+ Strategy**



# Phased Approach of REDD+





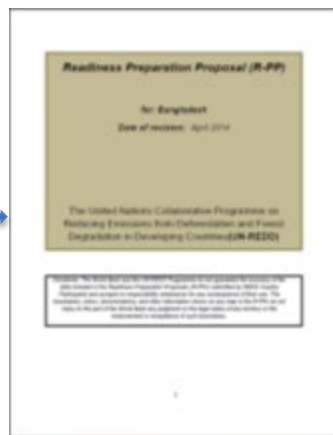
# REDD+ Readiness In Bangladesh



REDD+ MRV  
Action Plan  
2012



REDD+  
Readiness  
Roadmap 2012



Readiness  
Preparation  
Proposal (R-PP)  
2013



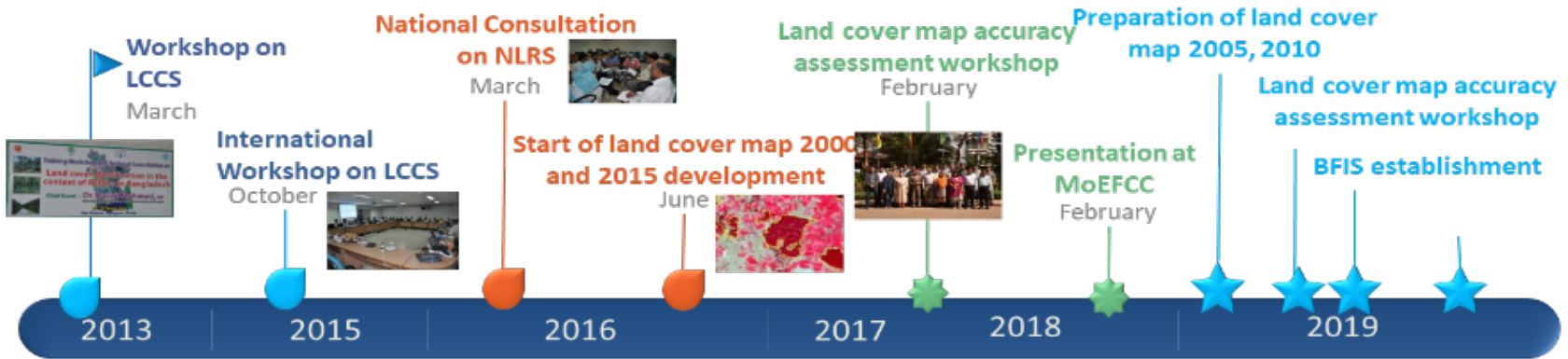
UN-REDD  
Bangladesh  
National  
Project  
Document



Strengthening  
National  
Forest  
Inventory and  
Satellite Land  
Monitoring  
System in  
support of  
REDD+ in  
Bangladesh  
(NFI)



# National Forest Monitoring System



All events are documented

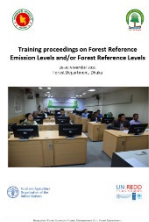
Organization involved in the process for data processing & analysis, technical trainings & workshops, reporting and technical support: BFD, BARI, BBS, BSGI, BUET, CEGIS, FAO, MoL, SRDI, SPARRSO, SoB.

# Forest Reference Level (FRL)

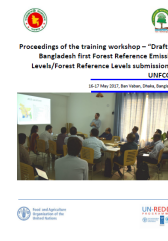
## FRL development: consultation process



Successful progress of Bangladesh's first Forest Reference Levels preparation. The Bangladesh UN-REDD Programme organized a third training workshop on REDD+ Forest Reference (Emission) Levels...



**All events are documented**



**Involvement in the process (training, workshop, data development)**

**Organization:** MoEF, BFD, DoE, SPARRSO, Universities (SUST, CU, KU), FAO, UNDP



# REDD+ Activities



## Deforestation and forest degradation in NFI zones between 2000-2015 in Ha

	Hill	Coastal	Sal	Sundarbans	Village	Total
Deforestation	134,447	11,715	2,080	2,363	1,306	151,911
Degradation	131,776	2,902	22,457	172	1,929	173,671
Reforestation	107,305	9,642	3,837	2,382	6,587	129,753
Enhancement	37,490	91,033	13,279	5,428	4,880	152,111
Forest Stable	516,907	24,989	11,052	431,023	6,210	990,183

- Out of total 151,911 ha of deforested areas...
- 130,407 ha (86%) is converted into shrubs with scattered trees,
- 9,856 ha (6%) to agriculture,
- 6,030 ha (4%) converted into rivers and khals
- 2,760 ha (2%) permanently converted into settlement areas.



# Forest Reference Level



Zones	Emission	Removal	Net Emission
	tonnes CO <sub>2</sub> equivalent per year (2000-2015)		
Hill	1,007,738	-427,688	580,050
Sal	112,710	-45,783	66,927
Coastal	44,547	-286,590	-242,043
Sundarban	12,066	-23,499	-11,433
Village	11,957	-31,153	-19,196
<b>National</b>	<b>1,188,971</b>	<b>-814,718</b>	<b>374,305</b>

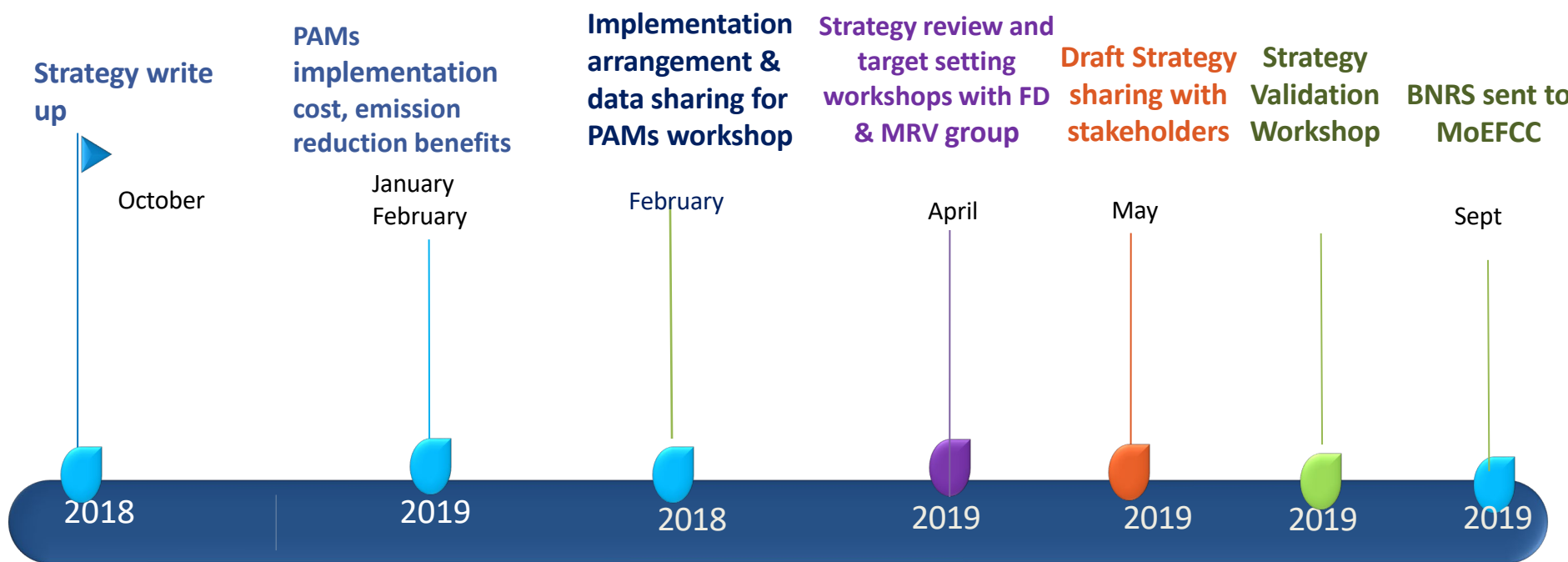
***The Net Forest Reference Level is = 374,305 ton CO<sub>2</sub> eq/ year***



# Bangladesh National REDD+ Strategy (BNRS)



## Bangladesh National REDD+ Strategy: consultation process





# Vision & Goals of BNRS



***‘To facilitate and catalyze transformational change in the forest sector to lower GHG emissions, enhance conservation of biodiversity and ecosystems, sustain community livelihoods, and stronger long-term economic growth’***

**The goals of the BNRS are:**

- Increase capacity for forest management;
- Improve livelihood of forest dependent communities;
- Increase forest cover to 16%;
- Reduce encroachment in forests;
- Reduce pressure of fuelwood collection and timber harvesting.



# Drivers & PAMS



Drivers	Policies and Measures
Fuelwood Demand	Alternate energy source (LPG, ICS, Solar cooker, electric cooker, biogas),, tobacco Kiln, betel leaf production practice , brick kiln, Rohingya crisis mitigation. increase availability of fuelwood
Illegal Harvest	Coordination, modernize and enforce law, modernize transit rule, control furniture manufacturing, wood technology, recruit FD staff, extend SF, increase PA, extend Co-management, ensure political commitment, AIG
Encroachment	Delineation of forest boundaries, Coordination, modernize /enforce law, land use planning, rehabilitate
Agriculture	Coordination, delineation, land use planning, modernize agriculture
Governance	Coordination, Capacity, Political will



# Targets of BNRS



**Contribution towards SDG Targets:** increase its forest cover to 16%, from the current 14.5% (against country's land area).

**Contribution towards NDC:** scale up afforestation and reforestation; coastal mangrove afforestation, maximize the use of renewable energy sources to lower GHG emission and ensuring energy security;

**Tree resource development:** The BNRS support tree cover increases from 22% to 24% by 2021.

**Action Plan for Clean Cook Stove:** supports targets to reach 30 million hhs by 2030; wants forested districts to be a priority area.

**Digital land management:** supports and seek digital forest land record management system;



# Way Forward For REDD+ Implementation In Bangladesh

- Approval of BNRS
- Operationalization of REDD+ committees
- Development of the national Safeguards approach and the Safeguard Information System (SIS)
- Integrated REDD+ sub-national implementation plan for the Hill Region
- Updating and continuous capacity enhancement for REDD+ management (incl. NFMS, FRL, etc.)
- Joint Programme / Programmatic approach with stakeholders



# Thank You

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