



Workshop on Identifying Drivers of Deforestation and Forest Degradation in Cambodia

6th March 2014

ARKN-FCC Decision Support Tool Identifying and Addressing Drivers of Deforestation and Forest Degradation Draft



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Overview

Step 1 - Information gathering phase and drivers' assessment

Step 2 - Select drivers to address

Step 3 - Designing interventions to address prioritized drivers

Step 4 - Implementation of selected interventions to address the prioritized drivers

Step 5 - Monitoring and evaluating success of interventions

Step 1 - Information gathering phase and drivers' assessment

Step 1.1 - Assess current levels of deforestation and forest degradation.

Information source	Subnational	National	Regional
Literature reviews	✓	✓	✓
Existing global data sets		✓	✓✓
Spatially explicitly analyses	✓✓	✓	
Expert interviews	✓✓	✓	
Local level surveys	✓✓		
Statistical information		✓✓	✓✓

✓ = relevant, ✓✓ = highly relevant

Step 1 - Information gathering phase and drivers' assessment

Step 1.2 - Identify drivers in key deforestation/ degradation areas.

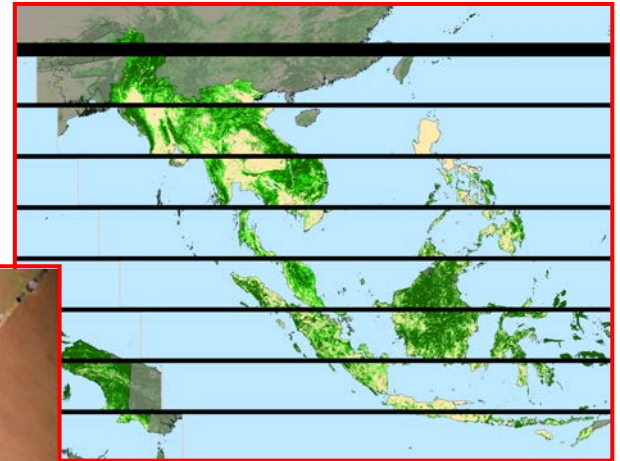
- surveys of households and communities in deforestation areas ,
- participatory rural appraisals,
- expert interviews,
- remote sensing analysis,
- literature review, and
- analysis of national statistical information



Step 1 - Information gathering phase and drivers' assessment

Step 1.3 - Assess drivers

- Direct or indirect
- Scale
- Trajectory
- Interactions
- Key actors



Step 1 - Information gathering phase and drivers' assessment

Outcomes of step 1

1. Maps/Information on key deforestation/forest degradation areas
2. Information on all the drivers associated with land conversion/degradation and their relationship
3. Mapping of the actors associated with each driver
4. An understanding of the system within which deforestation/forest degradation takes place

Step 2 - Select drivers to address

Step 2.1 – Select criteria to prioritize drivers

- importance of a drivers (level of carbon emissions),
- ease of addressing driver (technical and political feasibility),
- importance to particular stakeholders,
- opportunity costs,
- contribution of driver to economic growth and poverty alleviation,
- co-benefits from addressing the driver of other social or environmental goals,
- risks associated with addressing driver.

Step 2 - Select drivers to address

Step 2.2 - Rank drivers

- Each driver needs to be assessed compared to the other identified drivers for a specific criterion.
- This ranking allows a transparent decision about which drivers should be addressed in which order and why.



Step 2 - Select drivers to address

Outcomes of step 2

1. Clear prioritization of drivers of address with rationale for decisions take
2. Clear understanding of which drivers should not be addressed or addressed later and rationale for the choice



Step 3 - Designing interventions to address prioritized drivers

Step 3.1 - Select criteria to prioritize possible driver intervention strategies

- Scale at which the driver operates,
- Ease of implementation,
- Which actors will be affected and how,
- Scale at which the implementing actor(s) work,
- Compliance and goodness of fit with existing policy and legal environment,
- Highest leverage across multiple drivers,
- Possible in various settings and countries (particularly for cross-country interventions),
- Costs and benefits of the interventions,
- If an intervention might have a higher risk of failing.

Step 3 - Designing interventions to address prioritized drivers

Step 3.2 - Rank of possible intervention strategies per driver

- Cost/Benefit Analysis,
- Simple tools such as qualitative, participatory ranking during a workshop.
- Involved methods such as Scenario Planning or Future Wheel Analysis

Step 3 - Designing interventions to address prioritized drivers

Instruments	Incentives	Dis-incentives	Enabling Environment
International Scale	<ul style="list-style-type: none"> • Certification of deforestation free products • Create direct financial incentives through carbon payments • Support for protected areas 	<ul style="list-style-type: none"> • Import moratoria • Mandatory labelling and import restrictions 	<ul style="list-style-type: none"> • Effective information systems • Capacity building and institutional strengthening
National Scale	<ul style="list-style-type: none"> • Revision of subsidies and establishment of incentive systems • Land zoning and planning • Certification of deforestation free products 	<ul style="list-style-type: none"> • Moratoria on products from deforested land • Land-use regulations 	<ul style="list-style-type: none"> • Land tenure security • Institutional capacity and reform • 'Good governance'
Local Scale	<ul style="list-style-type: none"> • Adaptive research into specific farming systems • Targeted training of incentive services 	<ul style="list-style-type: none"> • Zoning • Fines for forest clearing 	<ul style="list-style-type: none"> • Participatory landscape and forest management • Resolving land tenure issues

Step 3 - Designing interventions to address prioritized drivers

Step 3.3 - Assess compliance of selected intervention with existing policy frameworks

Step 3.4 – Establish a process to adjust or create national policy frameworks as necessary

Step 3.5 - Final decision on priority interventions and implementation strategy

Step 3.6 - Design timeline for implementation of interventions and a monitoring system

Step 3 - Designing interventions to address prioritized drivers

Outputs of step 3

1. Set of priority interventions to address most important drivers and their 'costs'
2. An implementation strategy for all selected interventions
3. Good understanding of intervention pathways
4. Good understanding of actors that need to be involved
5. Good understanding of key partners

Step 4 - Implementation of selected interventions to address the prioritized drivers

Step 4.1 - Develop or strengthen an institutional implementation mechanism

Step 4.2 - Establish a stakeholder coordination mechanism for implementation

Step 4.3 - Test intervention options in pilot projects as appropriate

Step 4.4 – Roll out full implementation strategy

Step 4 - Implementation of selected interventions to address the prioritized drivers

Outputs of step 4

1. A strategy for implementing the selected interventions
2. If needed, a strategy to gain allies/deal with obstacles



Step 5 - Monitoring and evaluating success of interventions

Step 5.1 - Assess effectiveness of the implementation strategy

- Have deforestation or forest degradation trends been reduced in the target area,
- If interventions were implemented according to the agreed upon time line,
- Effects on the target population (e.g. change in behaviour),
- Effects on non-target population,
- Effects on a set of environmental variables.

Step 5 - Monitoring and evaluating success of interventions

Step 5.2 - Assess stakeholder engagement

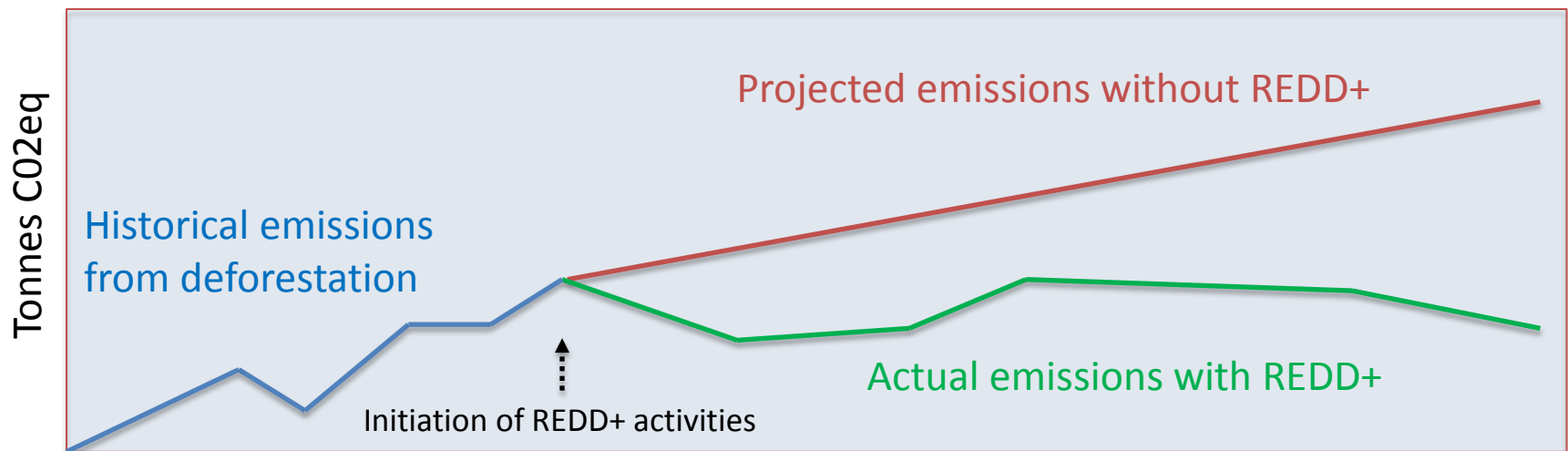
- How long stakeholders stayed involved,
- If difficult issues and how,
- Leadership shown by different stakeholders

Step 5.3 - Adjust implementation strategy accordingly

Step 5 - Monitoring and evaluating success of interventions

Outputs of step 5

1. Strategy for adjustments and revisions
2. Before-and-after comparison





THANK YOU!

