



UN-REDD
PROGRAMME



Programme

Training and joint working session on Cambodia REDD+ economic and spatial GIS tool development

15-19 June 2015, Phnom Penh

Introduction:

By maintaining, enhancing and restoring forests, REDD+ could help to achieve multiple environmental, social and economic benefits and play a role in the evolution of a Green Economy. An enhanced understanding of the costs and benefits of different REDD+ options, as well as of the distribution of costs and benefits across a landscape, can help prioritize options and provide a valuable input for discussions on benefit sharing.

Under the Cambodia REDD+ National Programme, economics and spatial analysis work is being carried out in order to support REDD+ planning. This project will result in an enhanced understanding of the costs and benefits from different REDD+ options and how these vary spatially, as well as improved capacity to produce, use and apply decision support tools for REDD+ planning.

The training and joint working session will make an important contribution to the development of a GIS spatial analysis tool to support REDD+ planning, which is being produced through collaboration between the Cambodia REDD+ National Programme and the United Nations Environment Programme World Conservation Monitoring Centre (UNEP-WCMC).

Objectives:

The session involves two main elements:

- a) Capacity building for key GIS staff in the use Quantum GIS (QGIS) software and the development of spatial layers relevant to REDD+ planning, including the use of economic information.
- b) The joint development of aspects of the GIS tool, such as workflows, and the tailoring of the tool to the Cambodian context.

Key Outputs:

The expected outputs of the workshop are:

- Capacity built on the use of QGIS software.
- Capacity built on the development/use of specific types of spatial layers relevant to REDD+ planning, including the use of economic information.
- Progress made on the development of the economic and spatial GIS tool, including the provision of input to tailor it to the Cambodian context.

Agenda

Time	Topic	Speaker/facilitator
15 June		
08.30 – 09:00	Registration/sign-in	
09.00 – 09:15	Welcome and introductions	RTS (to be confirmed)
09.15 – 09:30	Objectives of the session and context in Cambodia REDD+ Programme	Chivin Leng
09:30 – 10:00	REDD+ and spatial planning: what types of information are important and how can we use them?	Charlotte Hicks
10:00 – 10:30	Quiz: how much do we know about Cambodia's forests and REDD+	Chivin Leng/ Hout Naborey
10:30-10:45	Coffee break	
10:45-12:15	Introduction to QGIS <ul style="list-style-type: none"> - Check installation - Working in pairs on introductory tutorial 	Corinna Ravillious
12:15 – 13:15	Lunch	
13:15 – 15:00	Exercises in using QGIS	Corinna
15:00 – 15:15	Coffee break	
15:15 – 16:15	Task/challenge in QGIS in pairs (report back on Day 2)	Corinna
16:15 – 16:30	Recap and Q&A	Charlotte & Corinna
16 June		
08:30 – 09:00	Pairs report back and show outputs	Corinna
09:00 – 10:15	Introduction to the GIS tool <ul style="list-style-type: none"> - Install - Explanation of steps and the data used 	Corinna
10:15-10:30	Coffee break	
10:30 – 11:00	Tool components: REDD+ costs and benefits <ul style="list-style-type: none"> - Questions/discussion 	Charlotte
11:00 – 12:15	Tool components: what are costs/benefits layers?	Charlotte & Corinna

	Exercise: generate an opportunity costs layer/simple additional benefits layer, in groups	
12:15 – 13:15	Lunch	
13:15 – 14:00	Exercise, cont	
14:00-14:30	Tool components: REDD+ actions <ul style="list-style-type: none"> - What are REDD+ actions? - What do these mean in Cambodia? 	Charlotte & Corinna Chhun Delux/Chivin Leng
14:30 – 15:00	What is a REDD+ action map layer? <ul style="list-style-type: none"> - How to make these spatial layers? 	Charlotte & Corinna
15:00 – 15:15	Coffee break	
15:15 – 16:30	<ul style="list-style-type: none"> - Exercise in groups to make a layer for 1 of the 5 REDD+ actions/options 	Charlotte & Corinna
16:15 – 16:30	Recap and Q&A	
17 June		
08:30 – 09:30	Recap on tool & steps – order the steps <ul style="list-style-type: none"> - Task in pairs: examine a step - Pairs put their step from previous day in the correct order - Pairs report what the step is/does 	Charlotte & Corinna
09:30 – 10:15	Discussion: revise the steps in the Cambodian context <ul style="list-style-type: none"> - Are the steps relevant for Cambodia? - Should they be changed? - What new steps be added? 	Charlotte & Corinna RTS representative (TBC)
10:15-10:30	Coffee break	
10:30 – 12:15	Breaking down the tool: <ul style="list-style-type: none"> - How was it created and how to edit it? - How to make a simple workflow? 	Corinna
12:15 – 13:15	Lunch	
13:15 – 15:00	Recreating tools from scratch (in groups)	Corinna
15:00 – 15:15	Coffee break	
15:15 – 16:15	Discussion: how to make the Cambodian tool? <ul style="list-style-type: none"> - Together develop a draft structure/steps for the Cambodia version of the tool 	Charlotte
16:15 – 16:30	Recap and Q&A	

18 June		
08:30 -09:00	Review: are we happy with our new tool structure for Cambodia?	Charlotte
09:00 – 10:15	Revising the tool: <ul style="list-style-type: none"> - Make an additional step - Edit an existing step 	Corinna
10:15-10:30	Coffee break	
10:30 – 12:15	Adding new steps/revising tool	
12:15 – 13:15	Lunch	
13:15 – 16:00	Continue work on tool	Corinna
16:00– 16:30	Recap and Q&A Introduce 'planners' session on Day 5, nominate presenters	
19 June		
08:30 – 09:00	Questions/trouble-shooting	Corinna
09:00 – 10:15	Cont. work on tool, incl. testing /prepare presentation	
10:15-10:30	Coffee break	
10:30 – 12:15	Finalise work on tool/prepare presentation	
12:15 – 13:15	Lunch (including 'planners')	
13:15 – 13:30	Welcome 'planners'	Chivin Leng
13:30 – 13:45	Present context of tool	Hout Naborey
13:45 – 14:15	Participants presentation to 'planners'	Participants
14:15 – 15:00	Discussion and feedback from 'planners'	Charlotte
15:00 – 15:15	Coffee break	
15:15 – 15:45	Discuss recommendations and next steps	Charlotte
15:45 – 16:15	Wrap up and feedback forms	