Assessment: overview of UN-REDD Programme support

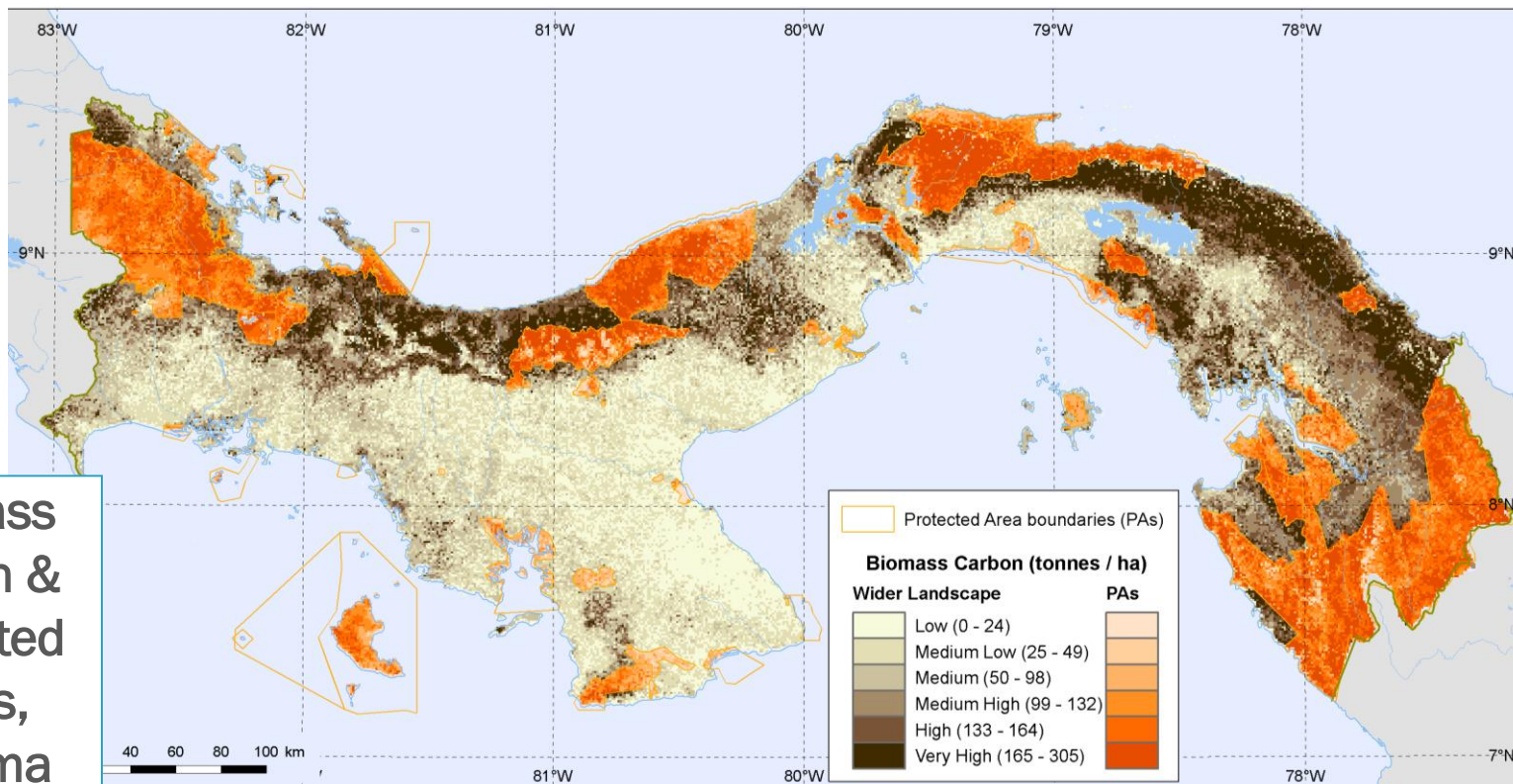Lera Miles, UNEP-WCMC

14 November 2012, Cambridge

Assessment: identification, mapping and valuation

Decision support tools, guidance and technical support provided to REDD+ countries to assist them on multiple benefits and safeguards

• GIS tools and guidance produced for **mapping and analysis of carbon, biodiversity and ecosystem services**

• Assessing potential **economic value** of multiple benefits, and any **additional costs** of achieving them.

• Trialing **spatial-decision support** to simultaneously meet targets for carbon and other goals

• **New online guide** to useful tools and resources, with factsheets (in production), covering safeguards, assessment and monitoring.

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Latin America & Caribbean: Ecuador, Panama & Paraguay

- **Ecuador**: priority areas for multiple benefits by region

- **Panama** and **Paraguay**: mapping potential for multiple benefits; and REDD+ scenarios that incorporate the value of multiple benefits

Biomass carbon & protected areas, Panama

Africa: DRC, Republic of Congo & Tanzania

Technical support and capacity building ongoing in **Africa**, developing:

- **Democratic Republic of Congo:** map analysis (published 2012);
spatial decision-support for land-use planning, using biodiversity and carbon targets, and economic cost data, in the Marxan software tool;
valuation of ecosystem services

- **Republic of Congo** (2013): similar mapping and valuation for spatial decision-support

- **Tanzania:** first mapping collaboration (published 2009);
use of forest inventory data to improve maps, assess multiple benefits and plan for safeguards (in discussion)

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Asia-Pacific: Cambodia & Indonesia

Technical support and capacity building ongoing in **Asia-Pacific**, developing:

- **Cambodia (**2013**):** biodiversity and ecosystem-service maps for land-use planning

- **Indonesia (Central Sulawesi**):
  - mapped areas suitable for different REDD+ actions, with multiple benefits;
  - decision-support tools guidance for provincial decision-makers;
  - analysis of potential impacts of different REDD+ measures

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APPROACH	Impacts on:						Cost	Ease of measuring carbon benefits
	Carbon	Biodiversity	Soil	Water	NTFPs	Livelihoods		
REDUCING DEFORESTATION:								
Maintaining natural forest and preventing conversion	🟢 (large green circle)	🟢 (large green circle)	🟢 (large green circle)	🟢 (large green circle)	🟢 (large green circle)	🟧 (orange square)	$	⭐ (large blue star)
Promoting the use of non-timber forest products (NTFPs) at sustainable harvesting levels to provide alternative livelihoods	⬜ (gray square)	🟧 (small orange square)	⬜ (gray square)	⬜ (gray square)	⬜ (gray square)	🟢 (light green circle)	$	⭐ (small blue star)
Intensification of agriculture (annual or tree crops) with conventional methods using high energy and chemicals input, to decrease conversion pressure	🟥 (red square)	🟥 (red square)	🟥 (red square)	🟥 (red square)	🟧 (orange square)	🟢 (light green circle)	$$	⭐ (small blue star)
Change from conventional agriculture to organic farming to decrease conversion pressure by increasing profitability	🟢 (small green circle)	🟢 (small green circle)	🟢 (green circle)	🟢 (green circle)	⬜ (gray square)	🟢 (light green circle)	$	⭐ (small blue star)
REDUCING FOREST DEGRADATION / SUSTAINABLE MANAGEMENT OF FOREST:								
Change from conventional logging to Reduced-Impact Logging (RIL) in production forest	🟢 (small green circle)	🟢 (small green circle)	🟢 (green circle)	🟢 (green circle)	🟢 (small light green circle)	🟢 (small light green circle)	$	⭐ (large blue star)
Enrichment planting in moderately degraded / logged over forest	🟢 (large green circle)	🟢 (small green circle)	🟢 (small light green circle)	🟢 (small light green circle)	🟢 (light green circle)	🟢 (light green circle)	$$	⭐ (large blue star)
Fire control to prevent fire through raised awareness and increased enforcement in forest areas at risk	🟢 (small green circle)	🟢 (small green circle)	🟢 (small green circle)	🟢 (small green circle)	🟢 (small green circle)	🟢 (small light green circle)	$	⭐ (large blue star)
ENHANCING FOREST CARBON STOCKS:								
Rehabilitation of significantly degraded land through (assisted) natural regeneration	🟢 (large green circle)	🟢 (green circle)	🟢 (large green circle)	🟢 (large green circle)	🟢 (large green circle)	🟢 (light green circle)	$	⭐ (large blue star)

Aims of the day

- Learn more about uses of mapping, economic approaches, spatial decision support and scenario work

- Share experiences on existing national work

- Explore specific applications in one of three breakout groups

- Think about your own priorities in this area, for discussions tomorrow afternoon!

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Thank you for listening!

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