

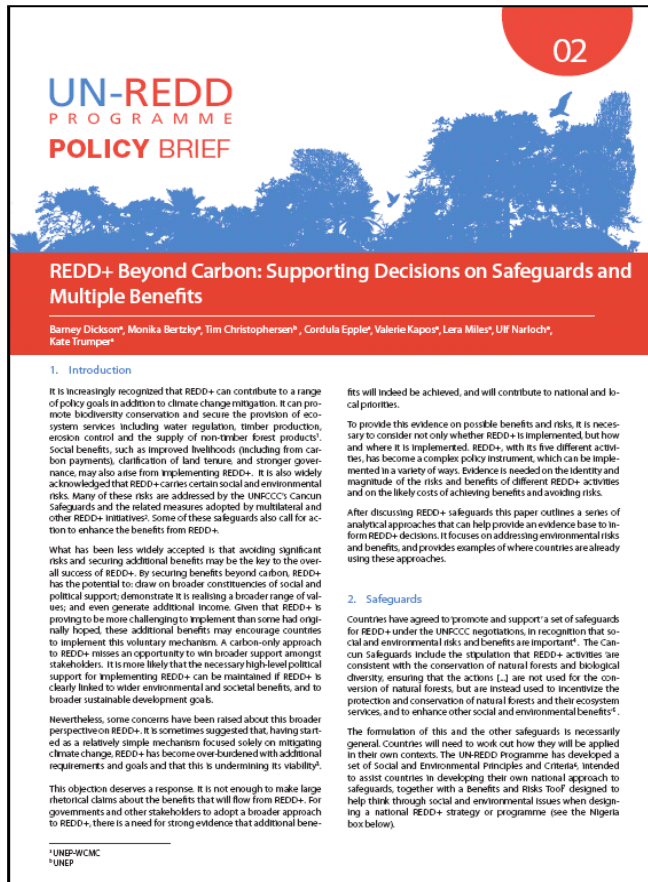
REDD+ Beyond Carbon: Multiple Benefits and a Green Economy

Ninth Policy Board Meeting, Brazzaville,
26/27 October 2012





Publications



Online at: www.un-redd.org

- Valuation of multiple benefits
- Decision support tools, e.g. mapping tools
- National case studies



Publications



Online at: www.un-redd.org

- CBD estimates of forest funding needs
- 14 catalysts for scaling up forest finance
- Explaining forest financing terminology



REDD+ Benefits Beyond Carbon

- Actions under REDD+ have the potential to generate a wide range of benefits, including
 - Contributing to biodiversity conservation
 - Securing ecosystem services
 - Hydrological services, regulating water quantity and quality
 - Soil conservation & control of sedimentation
 - Provision of timber and NTFPs
 - Pollination
 - Local climatic benefits
 - Enhancing social benefits
 - Improved livelihoods
 - Clarified rights to resources
 - Economic growth





For Successful REDD+

- Climate change mitigation is the main objective, but REDD+ can contribute to other sustainable development goals
- Multiple benefits can be key to convincing stakeholders that REDD+ is worthwhile





Evidence is needed

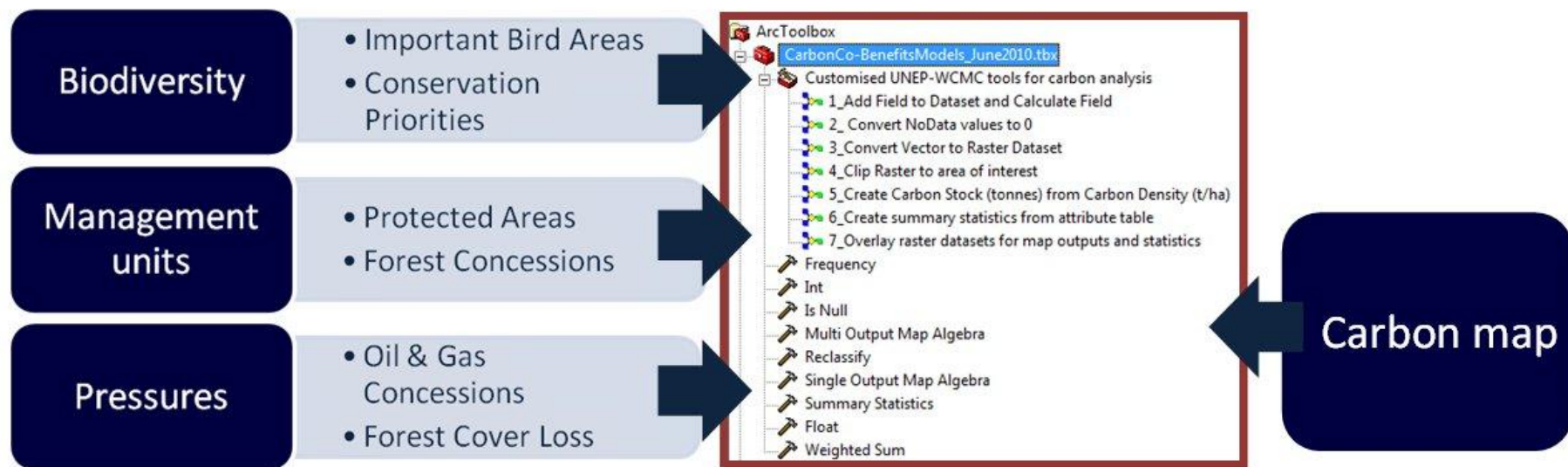
- Focusing on **environmental benefits**, the Policy Brief describes ways of assembling evidence and using it to
 - Explore synergies and trade-offs
 - Present clearly what REDD+ can deliver
 - Highlight how REDD+ can contribute to a Green Economy



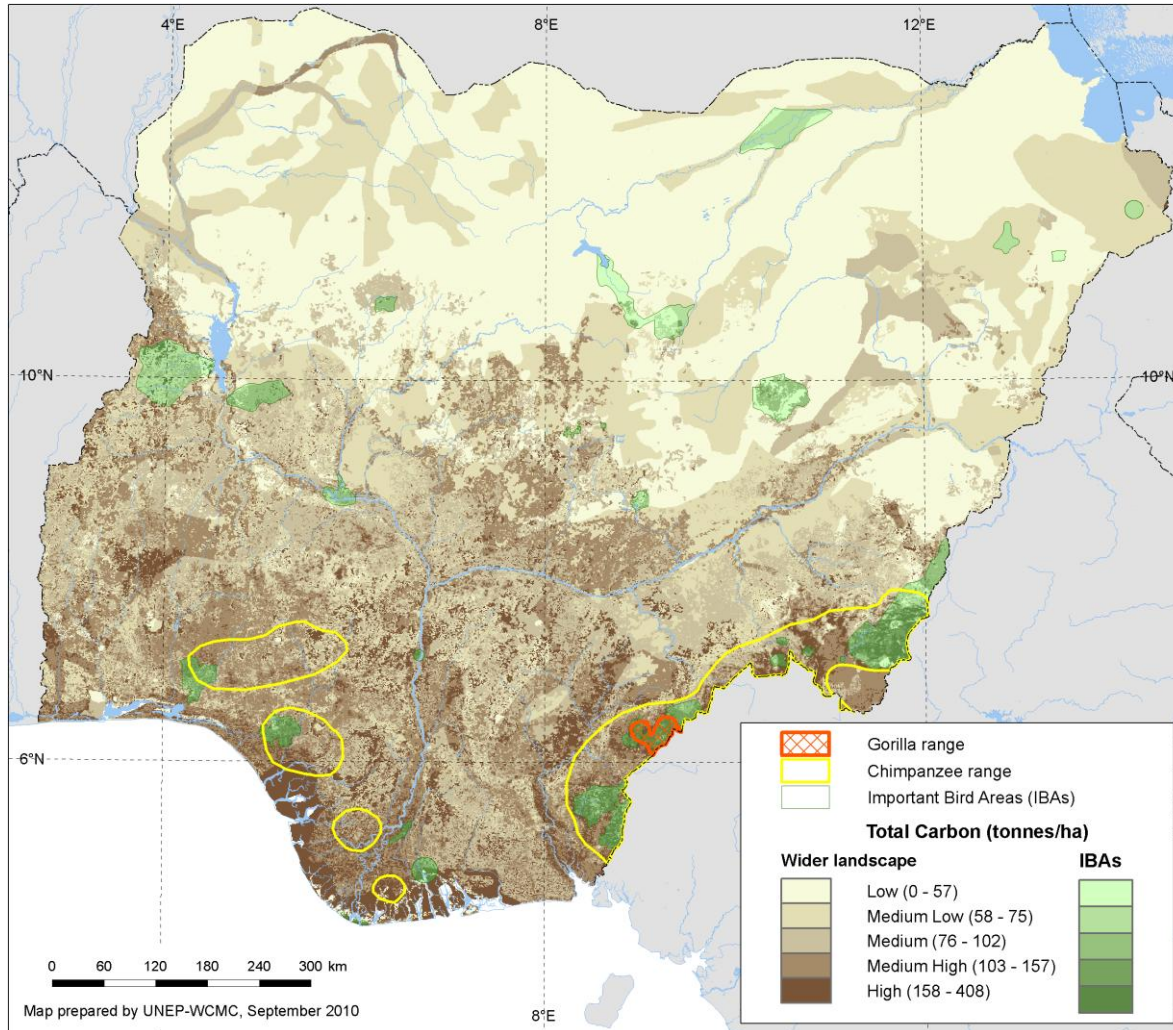


Mapping ecosystems: Identifying areas important for biodiversity & ecosystem services

- Many services and values of interest vary with location
- This makes maps a useful way to identify areas of importance
- Overlaying maps can help to explore relationships and opportunities for synergy

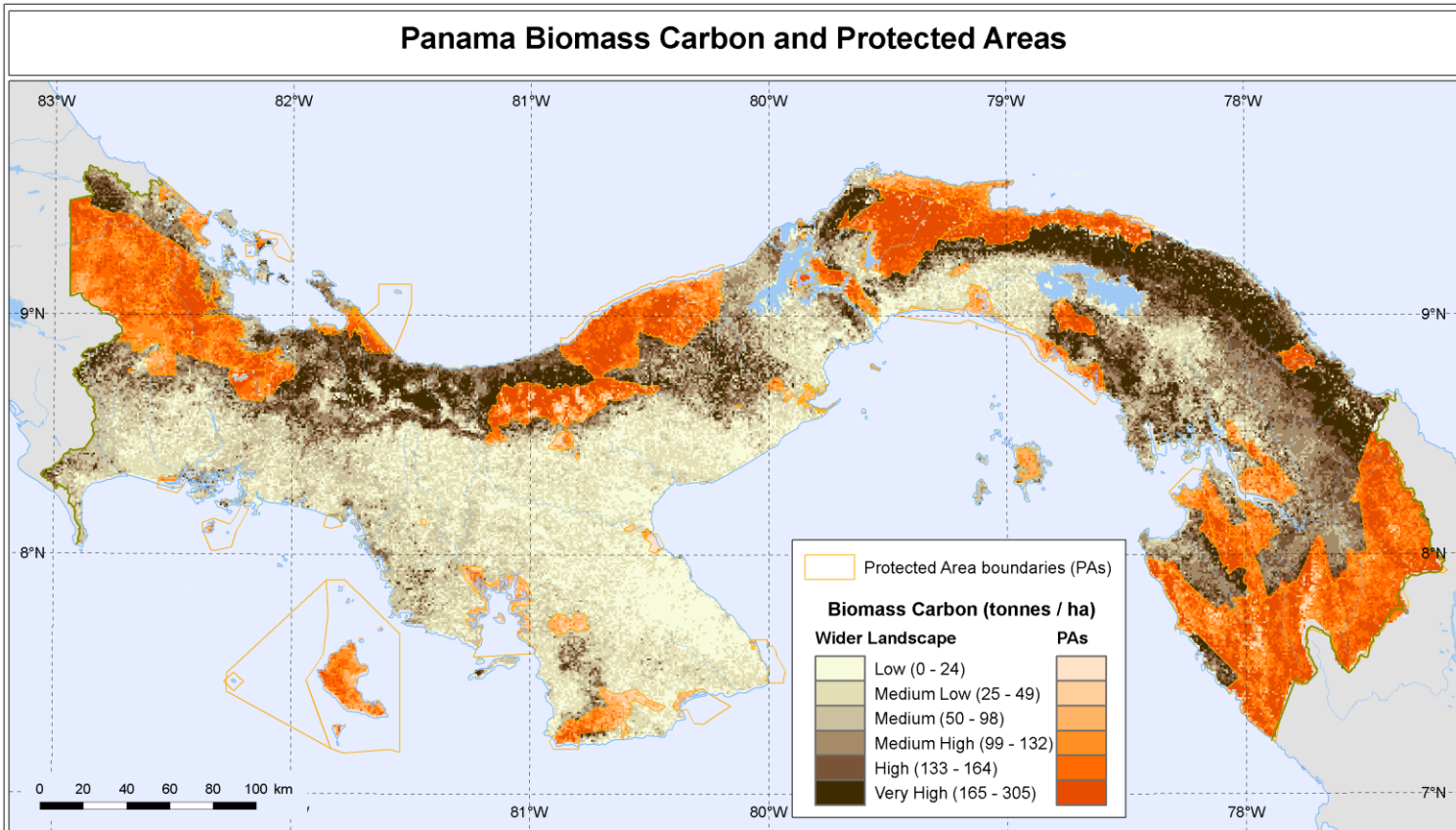


Potential for biodiversity benefits in Nigeria



UN-REDD
PROGRAMME

Carbon stock & existing Protected Areas in Panama



IUCN and UNEP-WCMC (2012). The World Database on Protected Areas (WDPA). Cambridge, UK: UNEP-WCMC. Available at: www.protectedplanet.net [Accessed 01/03/2012].

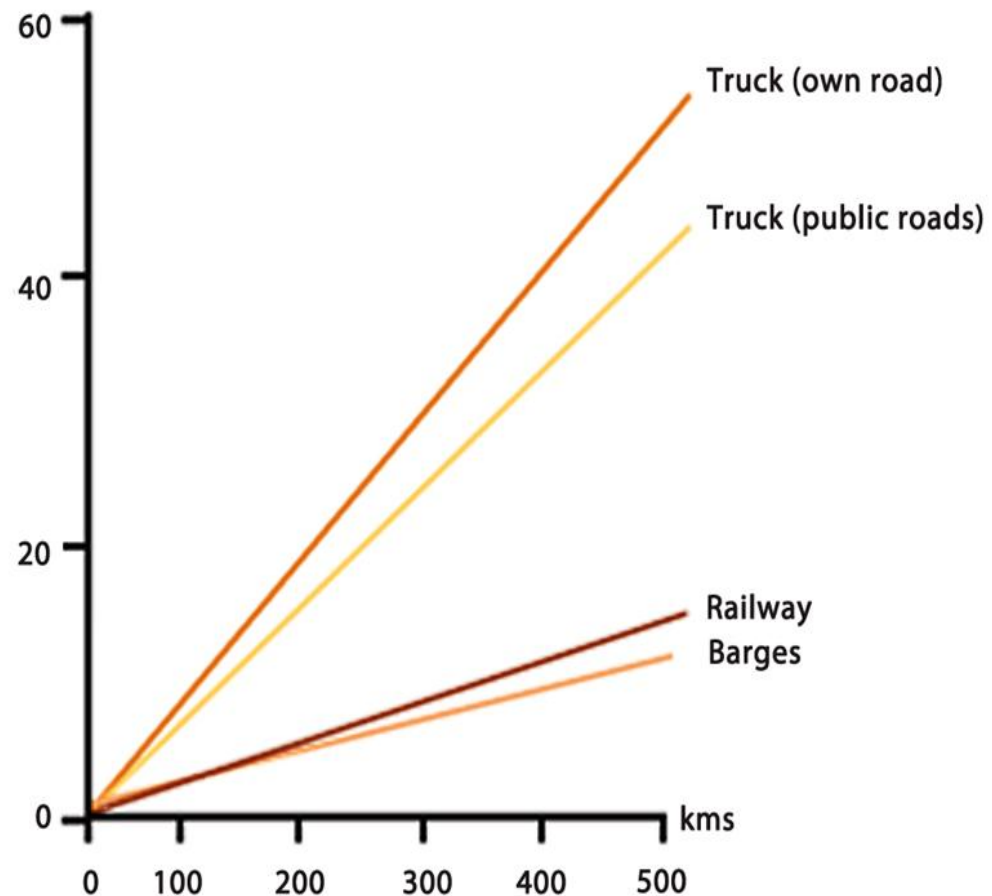
Saatchi S, Harris NL, Brown S, Lefsky M, Mitchard ET, Salas W, Zutta BR, Buermann W, Lewis SL, Hagen S, Petrova S, White L, Silman M, Morel A. (2011). Benchmark map of forest carbon stocks in tropical regions across three continents. *Proc Natl Acad Sci U S A*. 2011 Jun 14;108(24):9899-904.

The full equation...

- **Between 2000-2010, value of the cumulative loss of forest ecosystem services outweighed by 2.8 times the economic benefits of deforestation (Kenya)**
- **T21 modeling in Kalimantan**

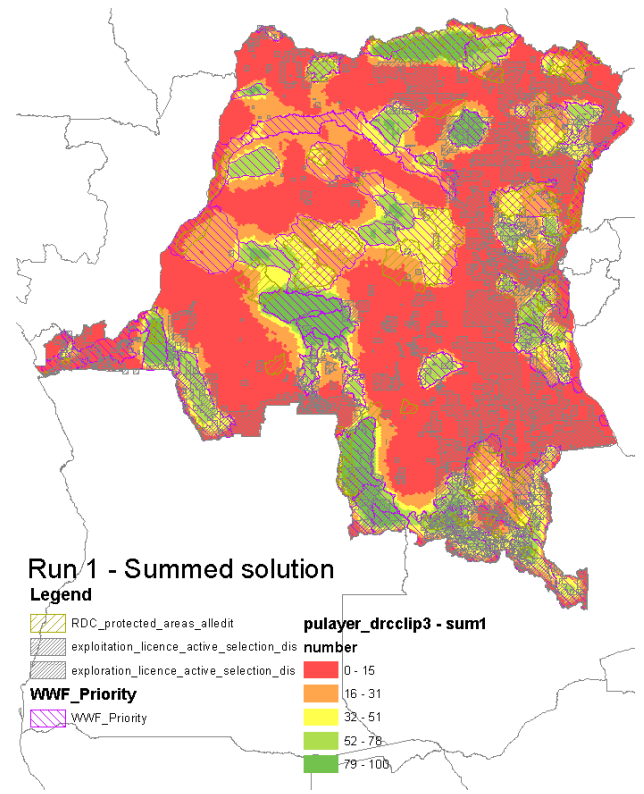
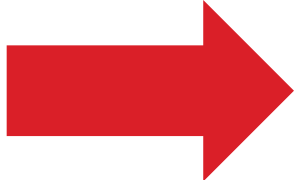
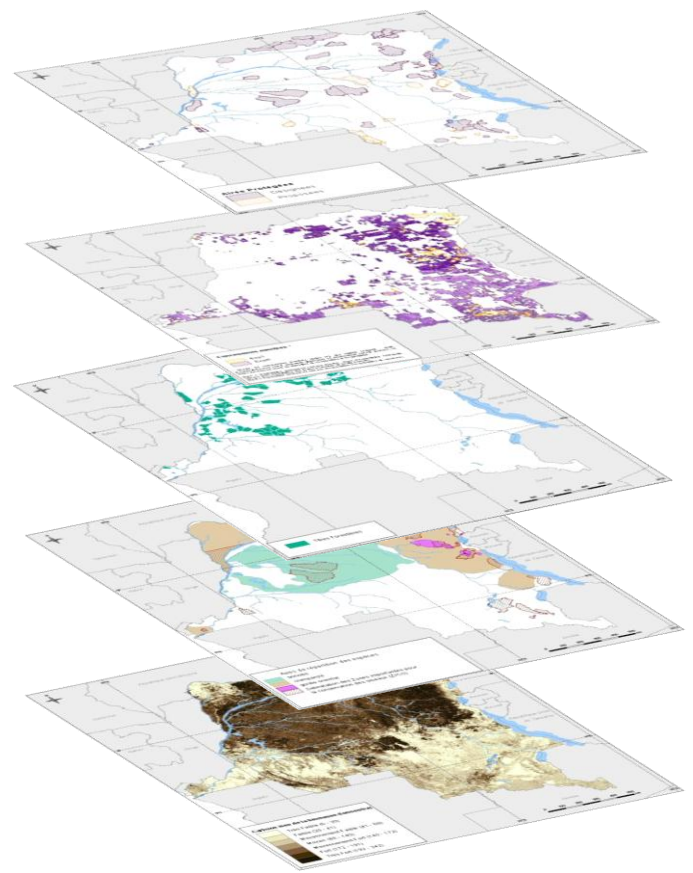


Estimated inland transportation cost (USD/Tons)²





Multi-criterion analyses (e.g. Marxan) identify solutions in relation to priorities, benefits, & costs





Scenario Analysis: Assessing REDD+ impacts in a complex and changing future

- Range of possible futures (outside REDD remit)
- Examining implications of decisions
- Modelling can assess possible impacts of options

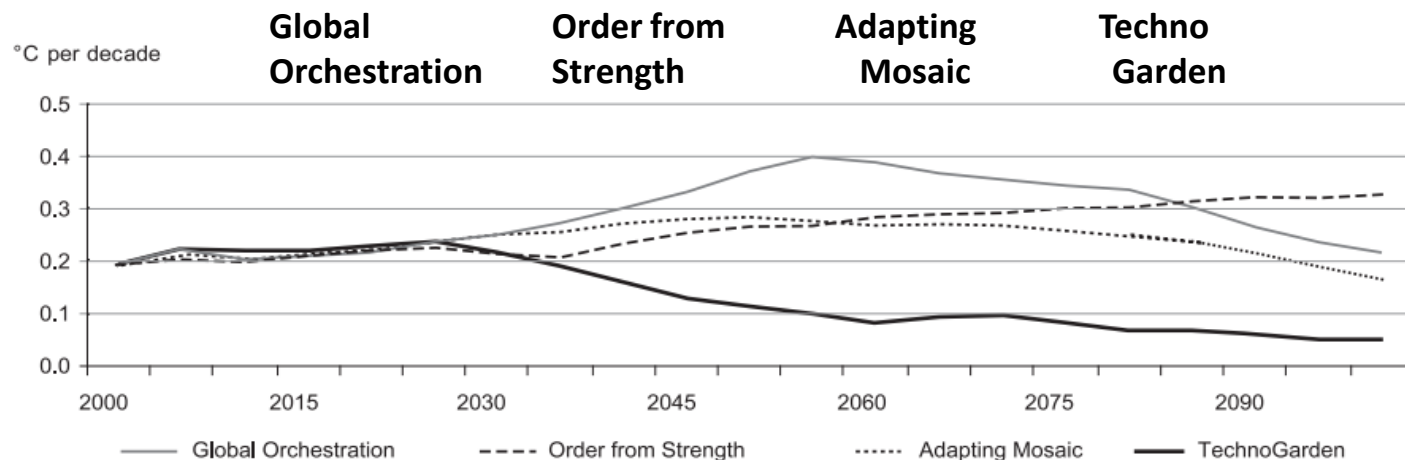



Figure 9.11. Decadal Rate of Change of Global Temperature in MA Scenarios (IMAGE 2.2)

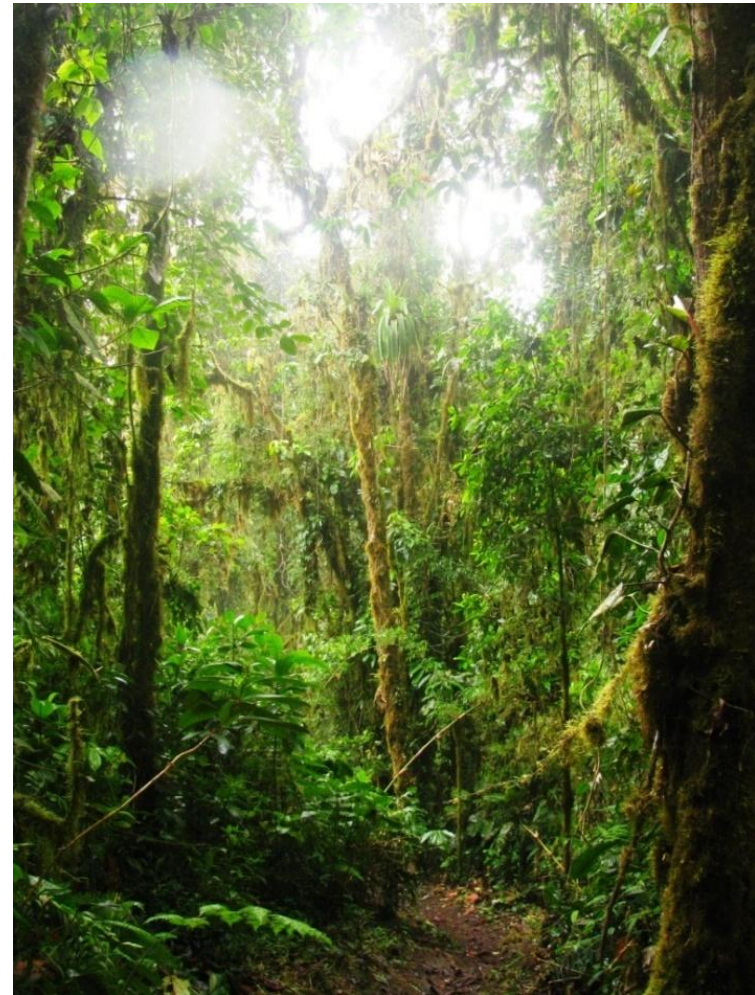


Indonesia: Master Plan for a Green Economy Corridor (Kalimantan)

1. REDD+: *avoiding deforestation and forest degradation while identifying opportunities for forest restoration.*
2. Sustainable Palm Oil
3. Agriculture
4. Forest management
5. Freshwater Management
6. Improved Fisheries Management
7. Better land-use and spatial planning and management, recognizing the importance of ecosystem services and biodiversity conservation and what they deliver towards community livelihoods
8. Energy and Mining
9. Urban clusters
10. Value chain development and infrastructure investment

Conclusions

- Multiple benefits are achievable, especially if REDD+ is planned in the broader context of sustainable development
- Need to understand consequences of choices on how & where REDD+ is implemented
- Relevant tools exist & are being applied
- Scenarios and modelling can support decision making
- Sharing experience & monitoring results can help to move forward





Upcoming events

Kenya: High Level Dialogue on Water Towers, Forests and a Green Economy, 5-7 November (targeted support)

With launch of report on socio-economic potential of Kenya's forest sector

REDD+ Beyond Carbon: Safeguards and Multiple Benefits

Global Workshop for UN-REDD partner countries to exchange experience

Cambridge, 13 – 15 November 2012

Information: tim.christophersen@unep.org

Thank you for listening!

