

# Co-Benefits and Forest Carbon



Demonstrate  
causality  
between direct  
payments and  
reduced  
emissions

Difficult to incentivize forest conservation without them



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## Multiple Benefit Forest Carbon

- Reduces risks of impermanence by creating additional stakeholders and other reasons to protect forest
- Addresses many equity issues
- Allows a focus on biodiversity not just on forestry activities



# REDD and Conservation

## Focus on Multiple Benefits Fills a Void

- Compliant mechanisms at this time do not recognize other ecosystem services besides carbon storage
- A focus on maximizing carbon storage, might adversely affect biodiversity and ecosystem services

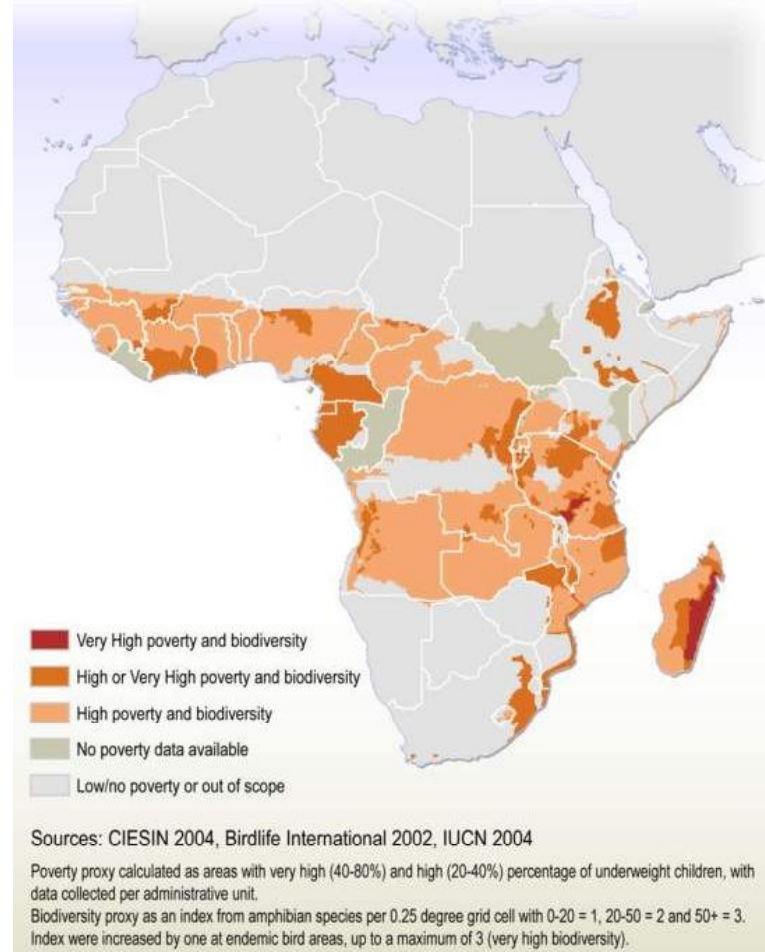




## Poverty and Biodiversity

Increasing poverty poses a threat to Africa's biodiversity.

How can we create a market value for biodiversity to compensate people in a way to ensure sustainable use?



## Triple Benefits

Better ecosystem management and sustainable development:

- Climate change mitigation - Emission Reductions
- Biodiversity/environment (including adaptation/resilience to climate change impacts)
- Improved livelihoods, social goals



## Options for Forest Conservation



- Increased enforcement/ protection (through government)
- Direct payments to local people for management/protection
- Creation of local investment opportunities, alternative livelihoods

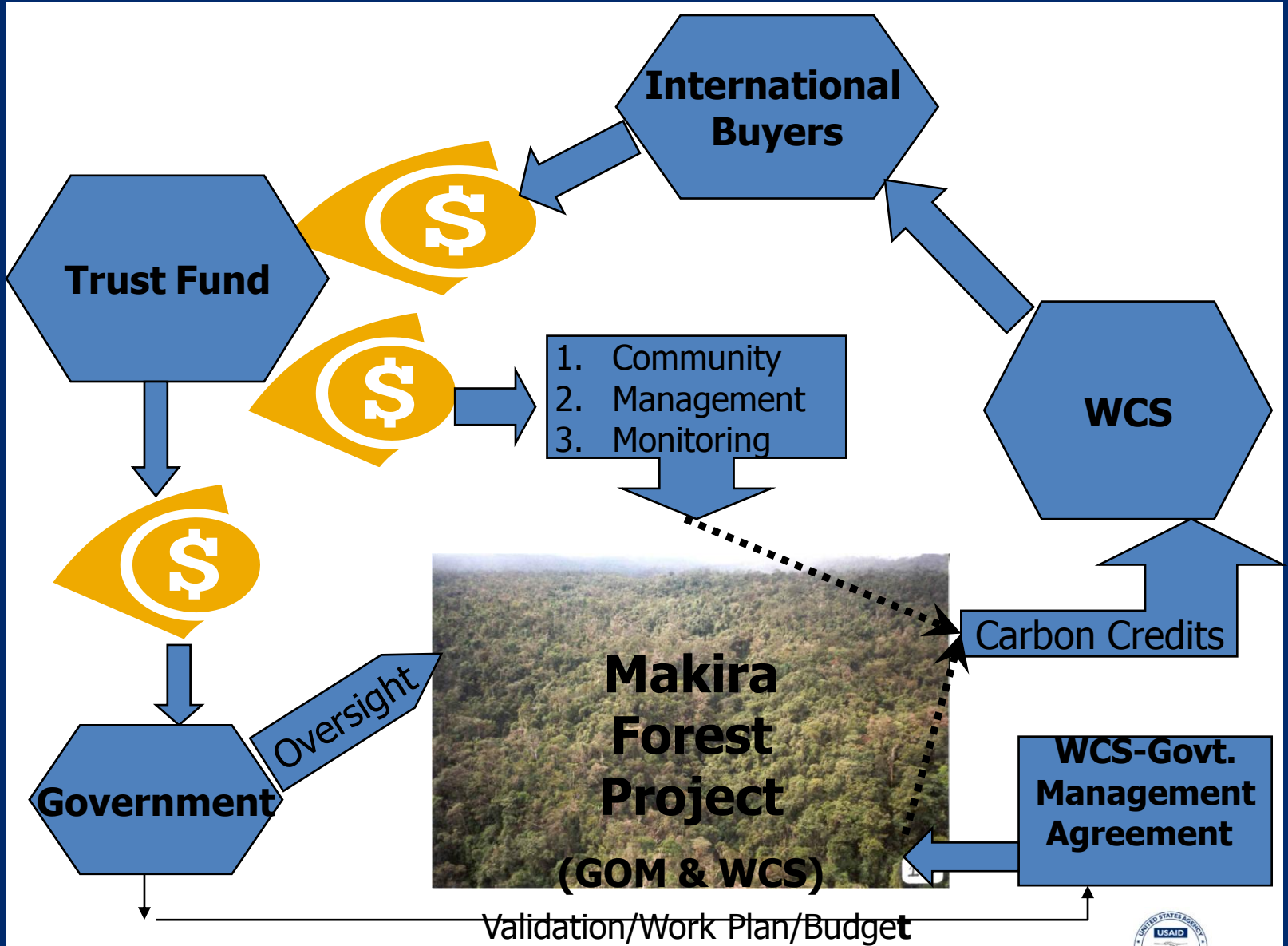


# Making Payments Work

- Direct Financial Mechanisms (e.g. conservation trust fund)
  - Private (with government representation)
  - Steering committee that evaluates progress and determines use of funds
  - Some money for direct payments and investments
- Ensure that funds support forest conservation efforts in areas where the emissions are avoided.



# TRANS LINKS



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# Climate, Community and Biodiversity (CCB) Standards

- a set of credible internationally-accepted Standards for designing & evaluating land based carbon projects
- benefit global climate (sequestration + avoided emissions), local communities, and biodiversity.
- Used by host countries, investors and regulators, and project developers



# The Climate, Community & Biodiversity Alliance

## Alliance Members



## Advisors



**Mission: To catalyze the creation of a robust, global carbon market for land-based activities that simultaneously benefit the global climate, local communities and biodiversity**



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## The Climate, Community & Biodiversity Standards

General Section		
G1	Original Conditions at Project Site	Required
G2	Baseline Projections	Required
G3	Project Design & Goals	Required
G4	Management Capacity	Required
G5	Land Tenure	Required
G6	Legal Status	Required
G7	Adaptive Management for Sustainability	1 Point
G8	Knowledge Dissemination	1 Point
Climate Section		
CL1	Net Positive Climate Impacts	Required
CL2	Offsite Climate Impacts ("Leakage")	Required
CL3	Climate Impact Monitoring	Required
CL4	Adapting to Climate Change & Climate Variability	1 Point
CL5	Carbon Benefits Withheld from Regulatory Markets	1 Point
Community Section		
CM1	Net Positive Community Impacts	Required
CM2	Offsite Community Impacts	Required
CM3	Community Impact Monitoring	Required
CM4	Capacity Building	1 Point
CM5	Best Practices in Community Involvement	1 Point
Biodiversity Section		
B1	Net Positive Biodiversity Impacts	Required
B2	Offsite Biodiversity Impacts	Required
B3	Biodiversity Impact Monitoring	Required
B4	Native Species Use	1 Point
B5	Water & Soil Resource Enhancement	1 Point
Total Project Points		
<p><b>APPROVED</b> All requirements met <b>SILVER</b> All requirements met, plus one point minimum from at least three different sections <b>GOLD</b> All requirements met, six points minimum, at least one point from three different sections</p>		

- Independent 3rd party validation
- Project documents posted on web for public comment
- Verification every 5 years



# Net Positive Biodiversity Impacts

## Concept

The project must generate net positive impacts on biodiversity within the project zone and within the project lifetime, measured against the baseline conditions. Projects should maintain or enhance



any high biodiversity conservation values present in the project zone and insure no introduction of non-native species



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# Offsite Biodiversity Impacts

## Concept

The project proponents must evaluate and mitigate likely negative offsite impacts on biodiversity outside the

project zone resulting from project activities.



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## Biodiversity Impact Monitoring Offsite

### Biodiversity Impacts

#### Concept

The project proponents must have an initial monitoring plan to quantify and document the changes in biodiversity resulting from the project activities (within and outside the project boundaries). The monitoring plan must state which measurements will likely be taken and which sampling strategy used.



## Gold Level: Exceptional Biodiversity Benefits

### Concept



Identifies projects that conserve biodiversity at sites of global significance as high biodiversity conservation priorities - identified nationally using globally standard criteria and thresholds (vulnerability and irreplaceability), based on the needs of biodiversity requiring conservation at the site scale.



## The CCB Standards – progress on adoption

### Project Development-supply

- Five projects validated: China, Panama, Indonesia, Nicaragua, UK
- Seven posted for public comment; Tanzania, India, Brazil, China
- 90+ projects planning to use CCB Standards
- CCBS covers all land-based carbon: afforestation/reforestation, REDD, forest management, agroforestry

### Demand

- Major portfolio investors/originators: World Bank BioCF, Merrill Lynch, EcoSecurities, Sustainable Forestry Management
- Carbon brokers/retailers: First Climate, The Carbon Neutral Company, The CarbonFund, 3C
- Major corporations + carbon tenders: Marriott, Ricoh, Disney, Dell, 3M,
- Expressing a preference and willingness to pay a premium



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