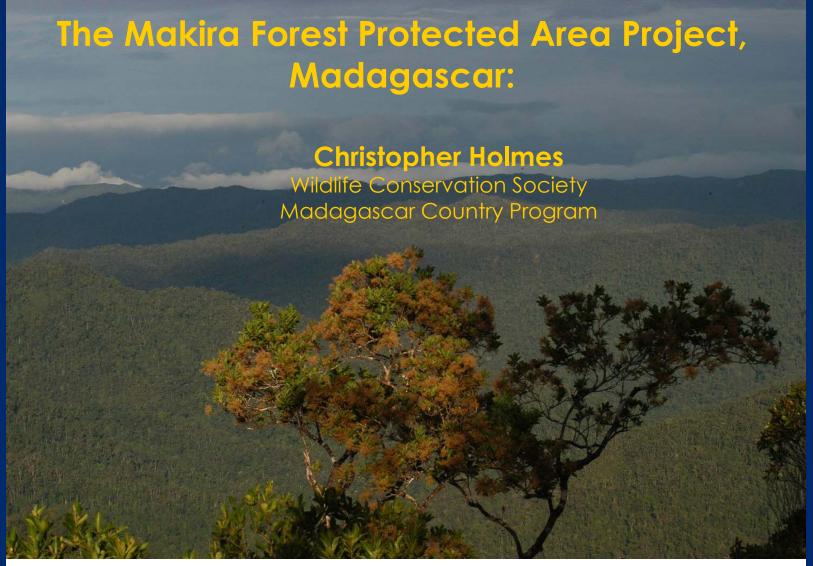
RAN SINKS





Translinks REDD Workshop September 10-12 Lima, Peru



Conservation & REDD in Madagascar

WILDLIFE CONSERVATION SOCIETY

Only 15 % of Madagascar's forest habitats remain

90% of Madagascar's GHG emissions are from deforestation for agriculture

- 1989 Madagascar developed National Environmental Action Plan (NEAP):3 phases over 15 yrs
- 2001 GCF legislation: engaging local communities in sustainable resource management
- 2003 Durban Vision statement at World Parks congress: tripling of protected surface area
- 2006 MAP: commitment 7 cherish and protect the environment
- 2008 National REDD Platform created

 FCPF readiness funds awarded to Madagascar (\$ 200,000)



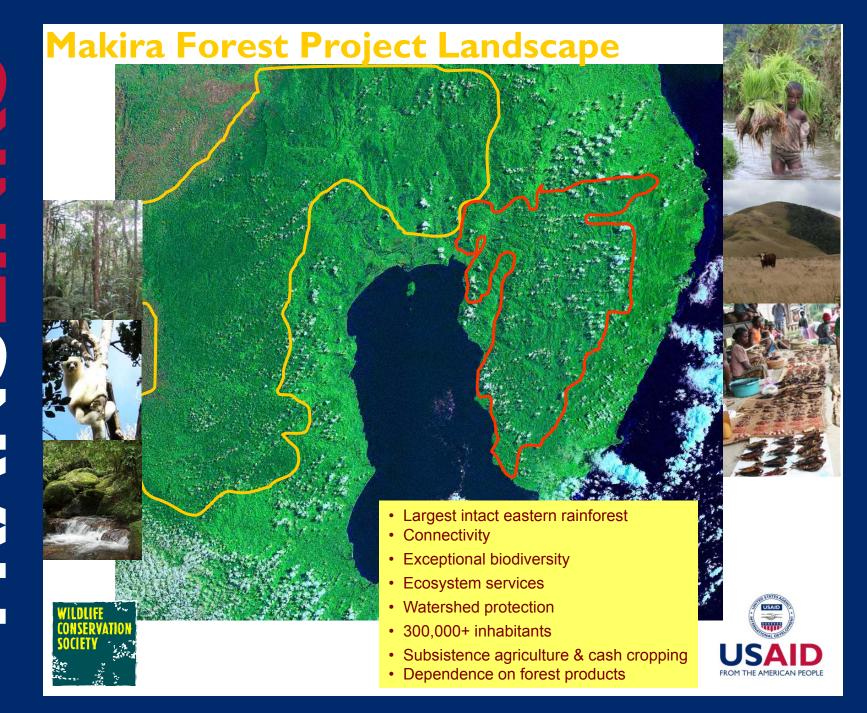












Makira Landscape: Principal Threats



Slash and burn agriculture - Tavy

Estimated 1,500 ha of primary forest is converted each year to tavy – in the absence of a mgmt system the landscape would be deforested in 100yrs

- Illegal harvesting of precious hardwoods rose and ebony
- Bushmeat hunting subsistence and market, targeting lemurs
- Subsistence fuelwood
- Cattle grazing western limits of Makira
- Illegal mining quartz in southern limits





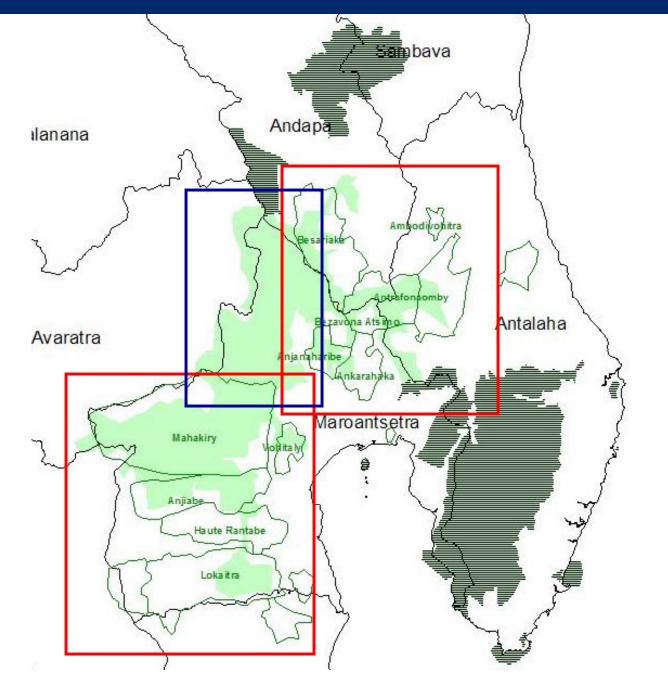








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Makira Forest Project objectives



- Model for community integrative protected area establishment, biodiversity conservation, sustainable resource management
- Adaptive conservation & community outreach activities based on targeted biological and socioeconomic research



 Empowerment of communities for improved land management and reduced deforestation based on contracted forest management agreements



 Creation of sustainable revenue to support communities and ongoing conservation actions – forest carbon through avoided deforestation



Design Phase: feasibility of Makira AD project

TONE D'ETUDE DU PROJET
ROSS, 1006 ba)

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2001-2002: USAID PAGE project - mechanisms for sustainable financing of forest conservation

Original Makira Project area (2002)

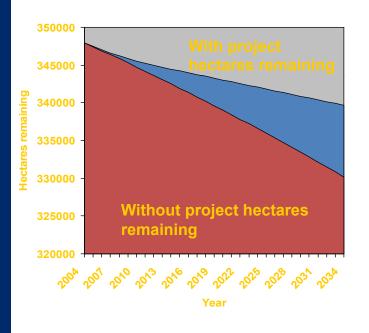
461,106 ha total 160,063 ha intact forest 301,043 ha zone of human influence

<u>2004:</u> WinRock Int'l baseline feasibility study of avoided deforestation as finance Mechanism

- carbon estimates based on 350,000 ha
- weighted average forest carbon stocks:
 286 t C/ha
- deforestation 'without project':
 T_{zero}= 0.149% increasing to 0.20% over 30 yrs
- deforestation 'with project':
 T_{zero}= 0.149%, decrease to 0.07% over 10 years, maintained



Design Phase: feasibility of Makira AD project



'without project' = 18,283 ha lost after 30 yrs

• 'with project' = 8,797 ha lost after 30 years

Marketable emissions reductions

 Over a 30 year period total carbon emission avoidance attributed to the Makira Forest Protected Area project: 2,589,898 t C or 9,496,294 t CO2e





Operational phase: establishing the Makira PA

2003-2005: CI GCF and CEPF – initial funds to begin programmakwork telestateliand Makyina status

2004-2006: 40,000 tons of CO2 equivalent sold Makira Bretacted Area Project (2007)

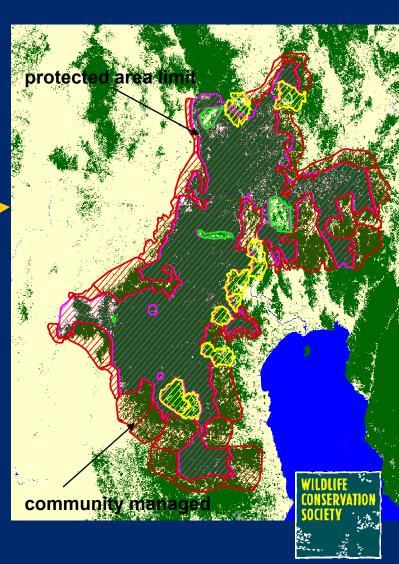
Expenses 000 ha total

Zoning for protection tested area intertifieres 136,800 Fores 1800 forest 136,800 fore

Resource management contracts
17 'sites', 30 villages, 13,000+
46 sites & 100,000 ha forestru
y 2011
Governance

collaborative co-managemen





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Management Phase: realizing multiple benefits

2007-2008: WCS signs an agreement with GOM to market Makira Carbon 9.1 million tons to 2033 (current contract thru 2012)

Revenue distribution from sale of carbon credits is proposed as follows:

50% to communities for improved land stewardship

25% to PA management

15% to MEEFT support toward strategic development

15% to support marketing

2.5% to support 3rd party monitoring

2.5% to support 'mechanism' for funds management







Conservation through avoided deforestation: community engagement to realize multiple benefits

Integrating communities into conservation activities is critical Community motivation will depend on recognized benefits Benefits to communities for their management will have to outweigh opportunity costs of management

- Address food security and subsistence needs
- Improve community land stewardship
- Economic alternatives and sustained revenue generation









Community engagement for multiple benefits

Food security and subsistence needs

Improve rural agriculture infrastructure

watershed management technical training improved techniques

Activities to improve human welfare

collaboration with partner NGOs improved access to services

Improve community land stewardship

Expand network of community resource management sites Focus on continued capacity building of these communities

Economic alternatives and sustained revenue generation

Conservation Carbon Ecotourism Partnerships

Organic product sales Micro-credit programs





