Presentation given at the Marine Katoomba meeting

Katoomba XVI:

Building a Blueprint to Harness New Investment for the Protection of Marine and Coastal Ecosystem Services

February 9-10, 2010 Moore Foundation, Palo Alto, CA

Hosted by the Katoomba Group



This workshop was generously supported by the American people through the United States Agency for International Development (USAID), under the terms of the TransLinks Cooperative Agreement No.EPP-A-00-06-00014-00 to the Wildlife Conservation Society (WCS). TransLinks is a partnership of WCS, The Earth Institute, Enterprise Works/VITA, Forest Trends and the Land Tenure Center. The contents are the responsibility of the authors and do not necessarily reflect the views of USAID or the United States Government.



Developing Water Funds to Conserve Watersheds in the Andes

2010 KATOOMBA GROUP MEETING
February 9:10, 2010
Moore Foundation, Pala Alta, CA







The NASCA Program





The Model



E. S. Users



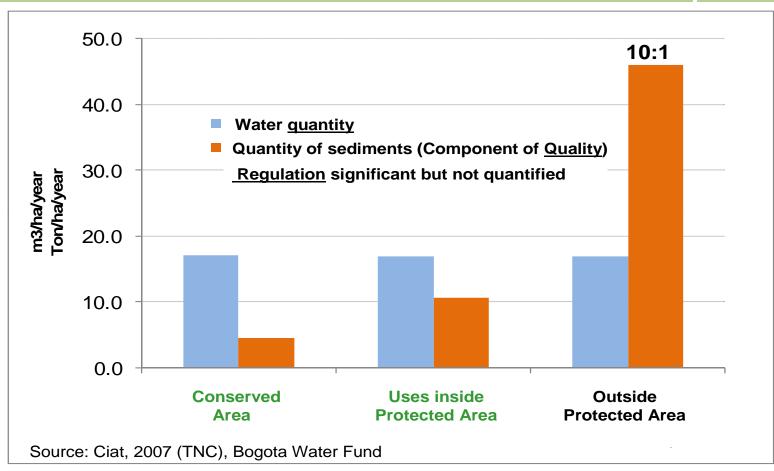
E. S. Providers





The RATIONALE

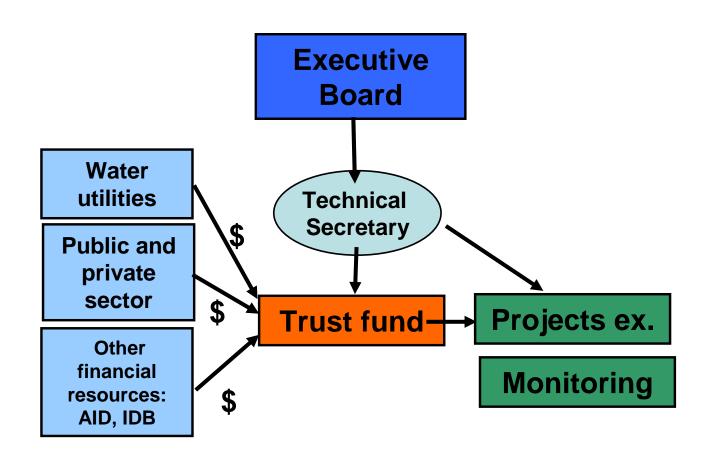




- · less sediments
- Better water quality
- Regulated Flows

THE STRUCTURE

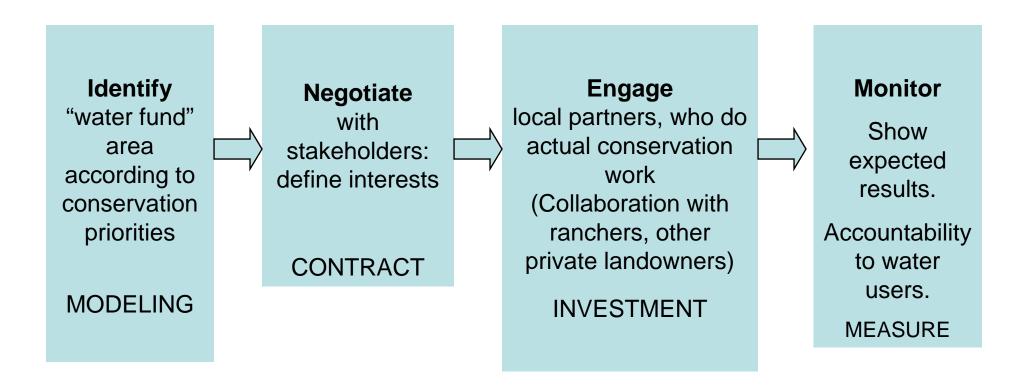




The creation

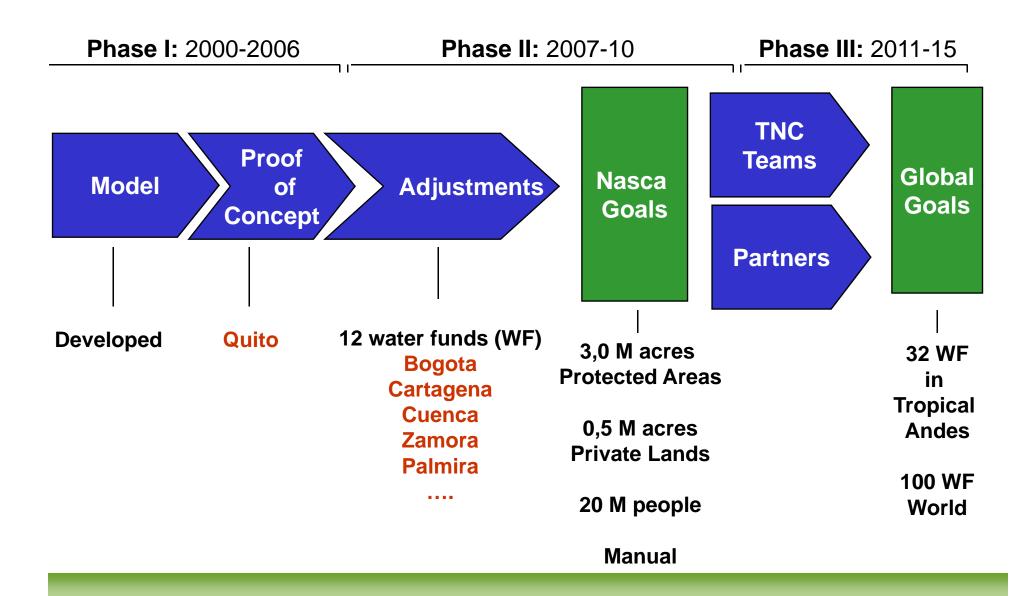


- TNC: Pims to protect critical habitats
- Major Water User: Aim to spend less money in water treatment



The challenge





SOME Cases - Bogota (Col)



Importance

- 7,5 Mil hab
- 2 PA related: Chingaza N P and Sumapaz N P: Paramo
- Avoided sedimentation strategy: less treatment costs

Fund Progress

- 600.000 capital seed
- Expected income in ten years: 10 M
- Launched and operational (sigened, TS hired)

Conservation Progress

- Hydrological models run (CIAT)
- Financial feasibility elaborated (Econometria)
- Conservation investments to start in 2010

Partners

 Bogota Water Facility, National Environmental Authority, Sab Miller Bavaria Brewery

SOME Cases - Bogota (Col)

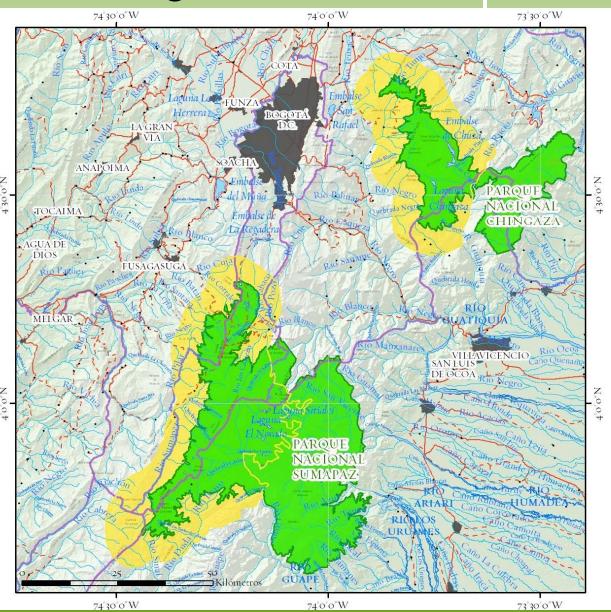


Fondo de Agua de Bogotá.

Ubicación de las áreas que se benefician del Fondo de Agua.







SOME Cases -cartagena (Col)



Importance

- 900,000 residents
- Wetlands coastal system in El Corchal PA
- High biodiversity and regulation, coral protection

Fund Progress

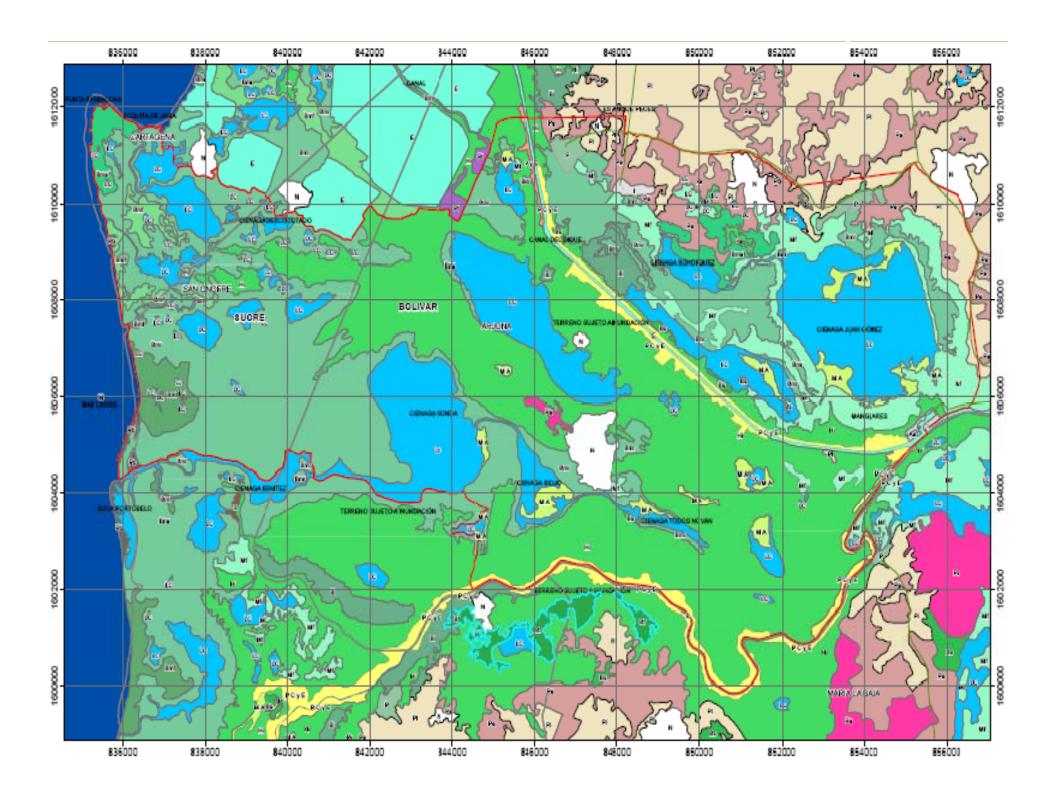
- 2009: Feasibility studies finished
- 2010: Negotiation and creation expected

Conservation Progress

- Env. Management Plan elaborated
- Opportunity cost study finished

Partners

 Cartagena Water Facility, Corporacion Andina de Fomento (CAF)



SOME Cases - Ayampe (Ecu)



Importance

- Dry forest ecoregion, high priority for biodiversity
- Forests are key for water regulation, fog interception, erosion control
- 20.000 low income population in area

Fund Progress

In design process

Conservation Progress

Potential work area: 120.000 Has

Partners

 Possible partners: local governments, beach tourism, fishermen (cleaning fish, ice for maintaining fresh fish)

SOME Cases - Ayampe (Ecu)





NEXT ITEPS



- Monitoring protocols implementation
- •Final revision: Manual for the creation of Water Funds
- Include climate change scenarios in water funds
- Water funds network



