









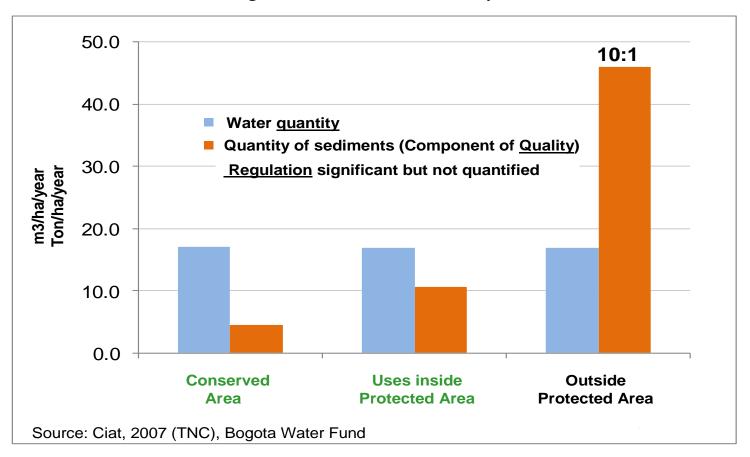




60% of the drinking water in Colombia comes from PA's 45% of hydropower generation in Ecuador comes from PA's 60% hydropower generation in Peru comes from PA's 73% of hydropower generation in Venezuela comes from 83% urban population in Venezuela takes water from 70% of drinking water of Monterrey comes from PA



Healthy ecosystems; better ecosystems services provision













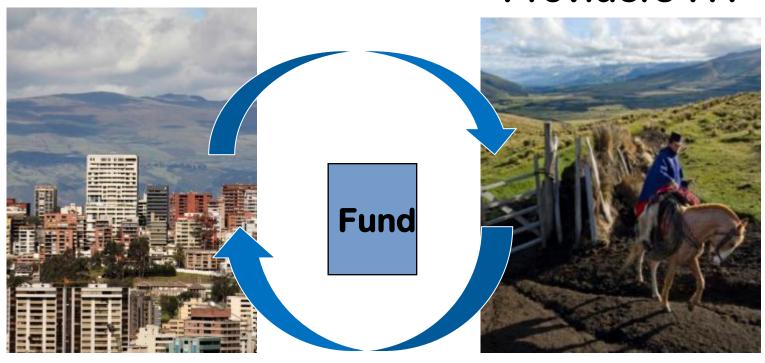
We depend on water, we face challenges





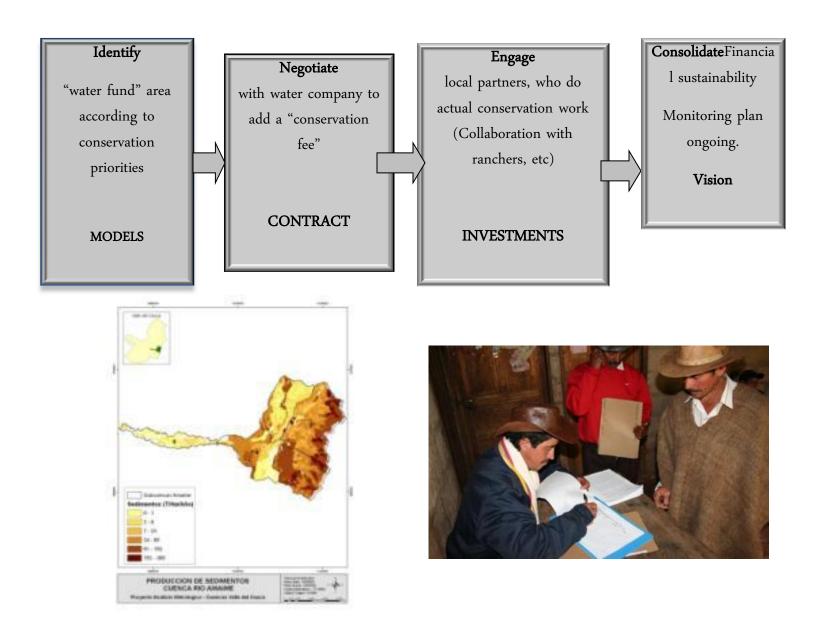
The water fund concept

Users Providers-PA

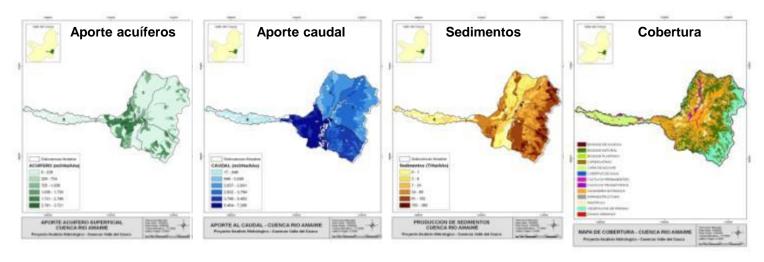


CLEAN WATER

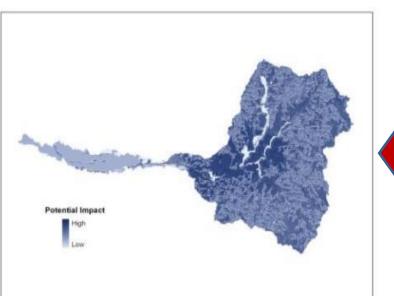
Basic components:



Highest investment return concept

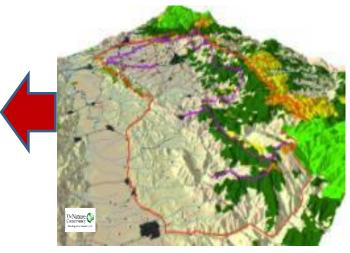








Connectivity, biodiversity



What does a water fund do?

- Support Protected Areas management plans.
- Reforestation and reforestation activities
- Fencing and water protection
- Education, training and capacity building
- Conservation
- Research



Engage different stakeholders by estimating business cases:

- Reduce treatment costs for water utilities
- Reduce operational costs for hydropower generation
- Avoid increasing costs for water quality deterioration
- Reduce operational risk for large water users (beverage industries)







- 44 Water Funds initiatives in Latinamerica across 14 countries
- 17 Created and Operating,
 17 in Design and 10 under
 Evaluation by TNC and
 partners
- Potential to benefit 86 million of people
- More than 85 million USD raised for green infrastructure initiatives



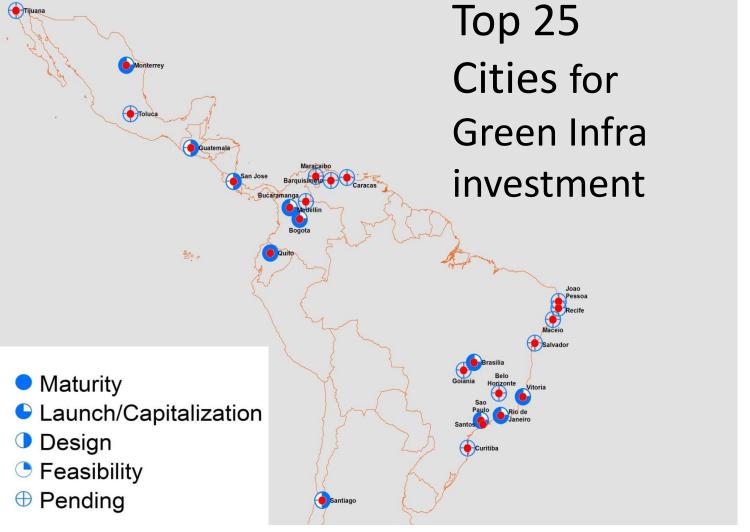
















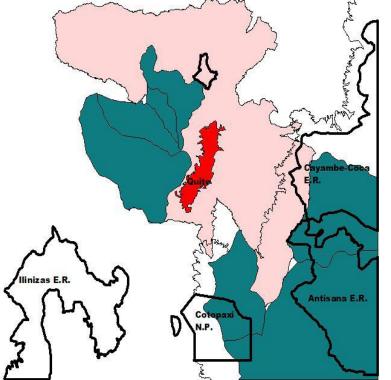


- 1 Bucaramanga, CO
 - Curitiba, BR
- **3** Bogota, CO
- 4 Santos, BR

2

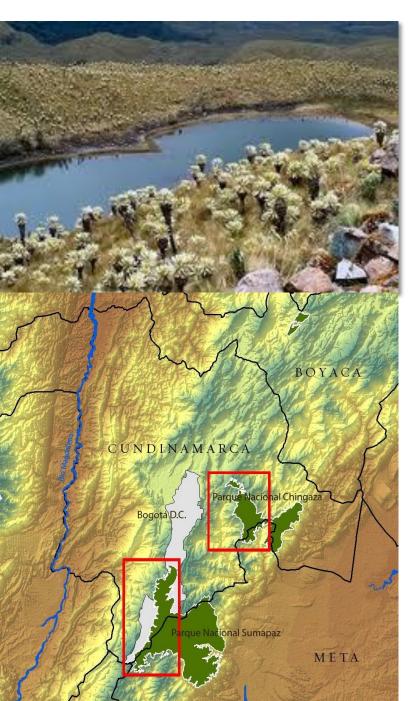
- 5 Maceió, BR
- Salvador, BR
- **7** Sao Paulo, BR
- 8 Barquisimeto, VZ
- 9 Medellin, CO
- 10 Recife, BR
- 11 Quito, EC
- **12** Guatemala City, GT
- **13** Tijuana, MX
- **14** Joao Pessoa, BR
- 15 Brasilia, BR
- **16** San Jose, CR
- 17 Rio de Janeiro, BR
- 18 Caracas, VZ
- 19 Maracaibo, VZ
- 20 Santiago, CH
- 21 Monterrey, MX
- 22 Vitoria, BR
- 23 Belo Horizonte, BR
- 24 Goiania, BR
- **25** Toluca, MX







- Quito: 2,3 Million people
- Illinizas, Cotopaxi, Antisana, Cayambe Coca P.A.
- WF Started in 2000
- Goal: Protect Quito water sources
- Partners: Quito water facility, National brewery, Tesalia springs bottled water; Swiss Cooperation
- **Endowment: USD 12 Million**
- Projected resources for 2014: US 950,000
- Accomplishments:
 - More than 100,000 Has of priority ecosystems conserved
 - Protected areas strengthened (11 parkguards)
 - Increase food security and income
 - 1,000 families implementing sustainable practices
 - 31,000 children involved in environmental education



- Bogota: 7,8 Million people on servación de las fuentes hídricas que surten a la región capital
- Chingaza and Sumpaz P.A.
- WF Started in 2009
- Goal: sediments reduction
- Partners: SAB Miller, Parques
 Nacionales, Patrimonio Natural
 Foundation. Support Coca Cola
 system (Colombia)
- Endowment: USD 400,000
- Projected results 2014: US 350,000
- Accomplishments:
 - Fencing and protection of more than25 Km of riparian buffers
 - More than 450 has under conservation
 - Public/private articulation





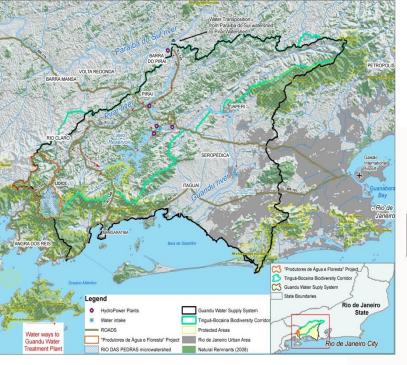














- Rio de Janeiro: 8 Million people
- Cunhanbebe and Bocaina P.A.
- Project launched in 2008
- Goal: set up 14,000 Has under conservation for water protection and sediment retention
- To date:
- 7.649 has protected and more than 533 has reforested
- More than USD 4,5 Million raised for watershed conservation

Unidade Gestora do Projeto (UGP):











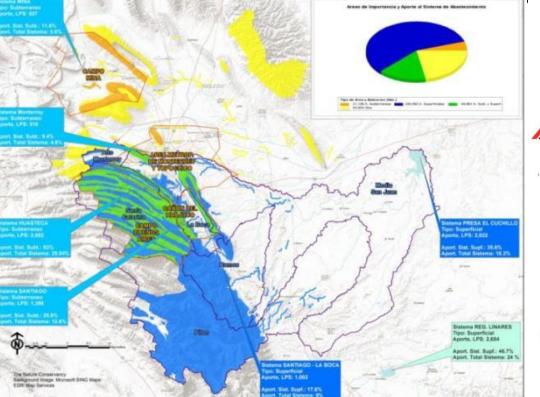








- Monterrey: 5,2 Million people
- Cumbres P.A.
- Launched in 2013
- Goals: flood control; increase infiltration Committed funds: US 12 Million





Some final remarks

- A water fund is a FLEXIBLE tool for watershed conservation
- Powerful tool to attract additional funds
- Catalyze of several watershed institutions related
- Engage public and private sector





















