

Strengthening the conservation of mangroves ecosystem in the Northwest Biosphere Reserve of Peru

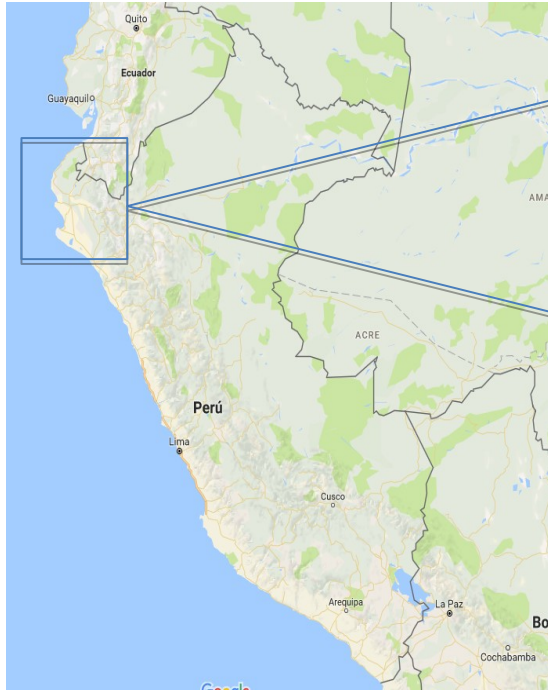


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Mangroves ecosystem in Peru



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Mangroves are deeply degraded by anthropogenic pressure of local population and small industries.



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Problems

- Low level of conservation policies and enforcement in local governments
- Lack in forest management
- There is not financial sustainability strategy

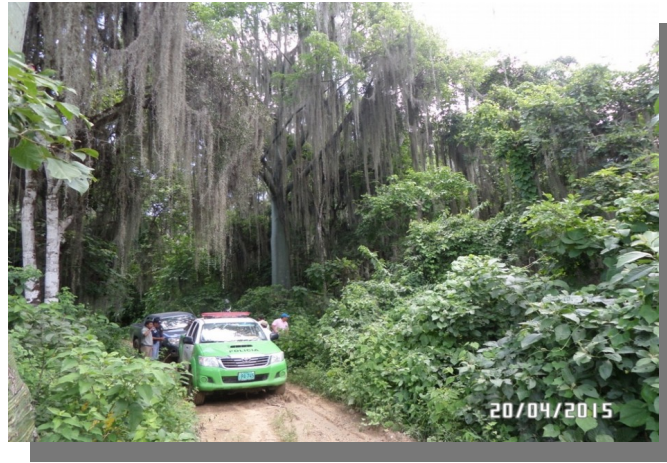
Intervention

- Implement legal competences in regional and local governments for the conservation of mangroves
- improve forest management to preserve mangrove ecosystems
- propose a financial strategy to guarantee sustainability of conservation policies.

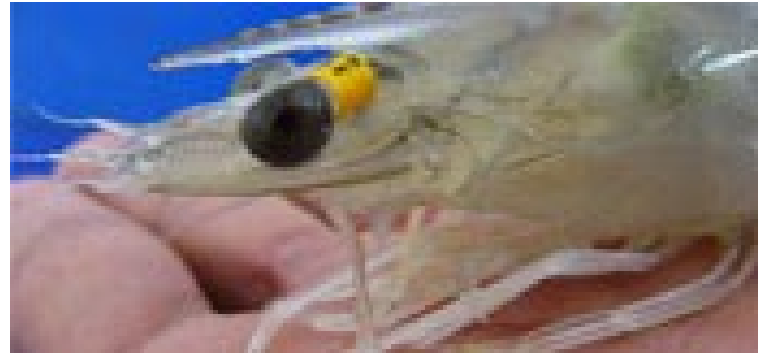
Results

- 3,000 hectares of mangroves was included in Northwest Biosphere Reserve
- New protected areas of mangroves in coordination with local governments
- Environmental instruments of local policies were updated in local governments
- Small producers have been trained in sustainable use of mangrove including biotechnology
- Public resources have been compromised to support smallholders value chains.

“Enhancing public policies and participation”



“Promoting biotechnology to increase productivity”



Source: Incabiotech



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Next challenges: Develop a financial strategy

Our approach: Production- Protection Compact

- Increase environmental performance of local government (i.e. monitoring and control, zoning and territorial planning)
- Increase productivity of small and medium producers to reduce pressure over additional mangroves areas
- Identify instruments and channels to allocate resources from public and private sector to conservation actors.

Next challenges: Develop a financial strategy

Activities planned:

- Increase productivity through biotechnology and technical assistance with sustainable uses of mangroves
- Engage big and medium-size industries to invest in I+D specially in genetic material of crustaceans and molluscs
- Public investment to build capacities (technical assistance and productive means) in local producers compromised with conservation (“seed capital”)

Supporters

Local governments

Technical assistance and promote value-chains

Medium and big aquiculture companies

I+D in biotechnology and sourcing of genetic material

Beneficiaries

Small extractors

Increase productivity with conservation compromises

- Low pressure in core areas
- Compensation for historical damages of industries
- Increase governance

Gracias

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