

REFORESTATION FOR CONSERVATION

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REFORESTATION FOR CONSERVATION

- FBC works to preserve Colombia's natural patrimony through social development and the self-sustainability of local communities.
- We present a productive project, sustainable and profitable in the long-term, reforesting with tropical precious woods while conserving the humid forest of the Middle Magdalena valley and promoting the social development in the area.



- **Reforestation for conservation** will provide solutions to serious and urgent social and environmental problems in the region of Barbacoas in Antioquia's Middle Magdalena.
- **Reforestation for conservation** will provide FBC with long-term sustainability to develop its mission.

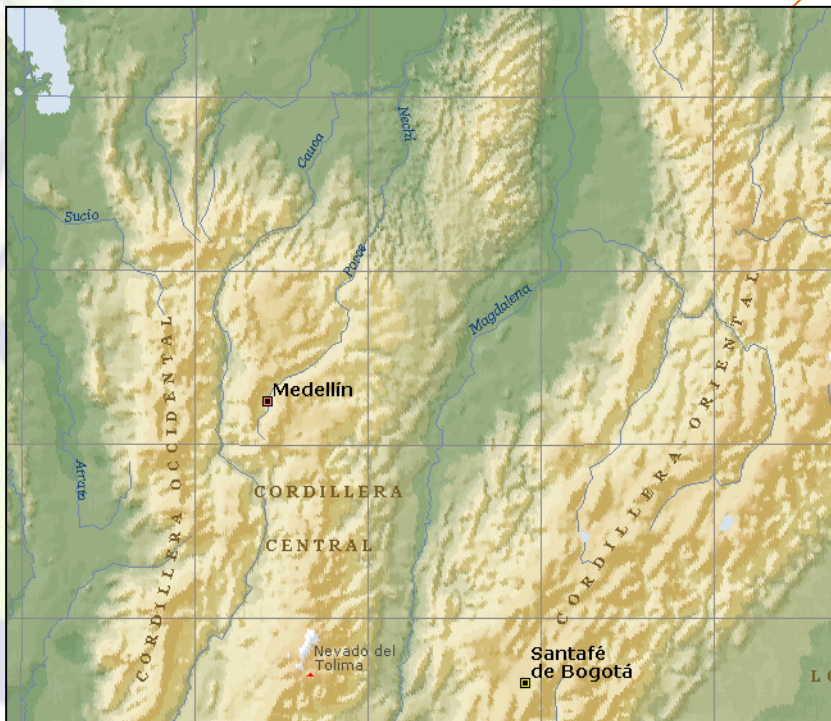
PRECIOUS TROPICAL TIMBER

- Almost all tropical timber today comes from native forests with no management at all.
- High exploitation rates and high deforestation of native forests.
- Constant raise in the world´s per capita consumption of these woods.

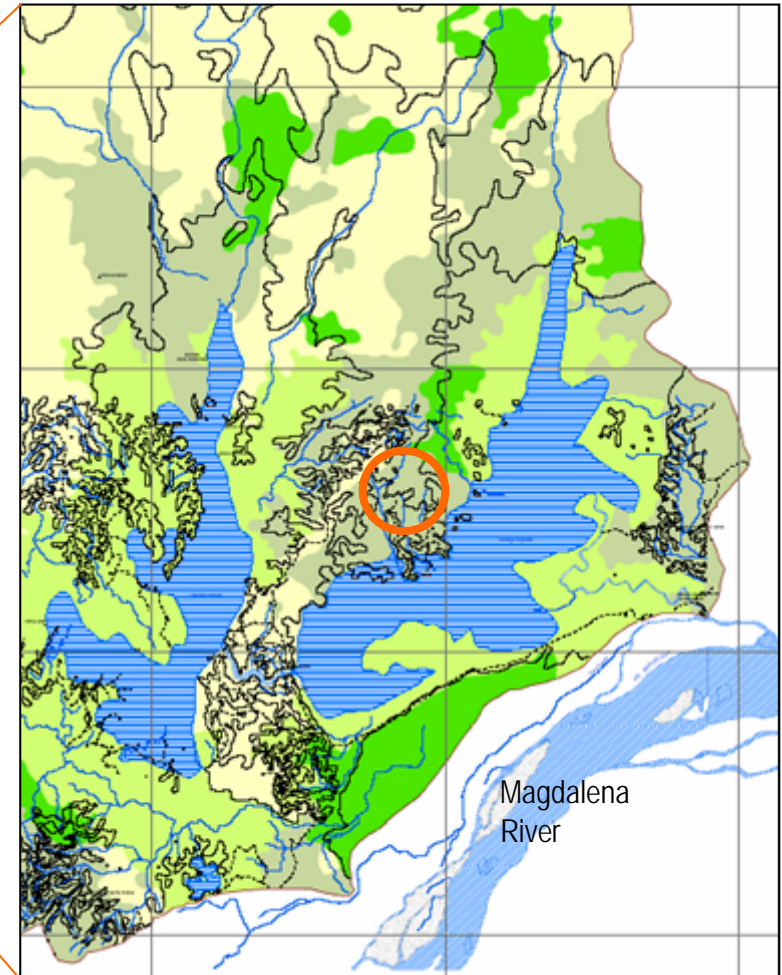
Precios tropical timber culture is one of the best ways to preserve native forests without making proffit by the exploitation of the natural patrimony or the local communities.

AREA OF THE PROJECT

ANTIOQUIA'S MIDDLE MAGDALENA



BARBACOAS WETLANDS



- Forests
- Bushes
- Grass
- Wetland vegetation

BARBACOAS

ENVIRONMENTAL PROBLEMS

- Deforestation
- Soil degradation



- Pollution and drought of water courses.
- Biodiversity loss.

BARBACOAS

SOCIAL PROBLEMS

NO SUSTAINABILITY



FORESTAL MODEL

101 INITIAL HECTARES

90 reforested hectares

- Precious woods
- Rubber trees
- Middle woods
- Teak as corridors

1 operative hectare

- Nursery
- Warehouse for latex processing and tools' storage.

10 productive hectares

- Agro-ecological farm.
- Rubber trees.
- Middle woods.

Each family (10) will take care of 10 hectares:
9 reforested hectares and 1 productive hectare

MODELO FORESTAL

PRECIOUS WOODS

- At least 6 fine wood species native of Antioquia's Middle Magdalena.
- These have 25 years' productive cycles.
- Certified seeds.
- Environmental and social certifications for the forests: This assures the market and better prices.



Our total production volume will be of 14.700 m³

MODELO FORESTAL MADERAS INTERMEDIAS

- Two species of middle woods.
- 12 years' productive cycles.
- High local demand to conglomerate production.



Our total production volume will be of 8.300 m³

- High local demand of natural latex (internal deficit of 94%).
- Production begins in the 5th year.
- Constant production throughout the year.
- 24 years' production cycles.
- Processing to dry sheets is easy and not expensive.
- Additional income for the wood.



Our annual production volume will be of 19 tons of sheets and 5.000 m³ of wood in the 24th year.

MODELO FORESTAL

FARM

- Guarantees the maintenance of all the crops.
- Provides food safety to the families and better food quality to all the community.
- Excedent products to sell, therefore extra income for the families.
- Begins production after six months.
- Constant production throughout the year.
- Clean and diversified production.
- The project will provide , materials and training to the families for the establishment and maintenance.

10 farms produce annually the equivalent of 65000 USD in average for the project.



SOCIAL IMPACTS

- Food security for 10 families and food quality for the whole community.
- Fair jobs for the community.
- Poverty relief in the community.
- Training in agro-forestal techniques and clean production.



- Participation of the peasant community into a agroindustrial production area.
- Social reinvestment for the generation of other sustainable productive alternatives.
- Empowering and strengthening of social networks.
- Management for the improvement of basic needs.
- Less rural exodus to the cities.

ENVIRONMENTAL IMPACTS



- Reforestation with native species in degraded cattle areas.
- Clean agro-forestral production.
- Regeneration of the natural Middle Magdalena humid forest.



- Increase of biodiversity and species conservation.
- Conservation as a consequence of sustainable productive alternatives.

REVENUE

TODAY'S USD x 1000

	YEAR	REVENUE / YEAR
FARMS	0 - 25	\$ 90
RUBBER	5 - 24	\$ 48
	8	\$ 228,7
	12	\$ 225
WOODS	20	\$ 1'312
	24	\$ 1'970
	25	\$ 7'169
TOTAL REVENUE		\$ 15'354,5

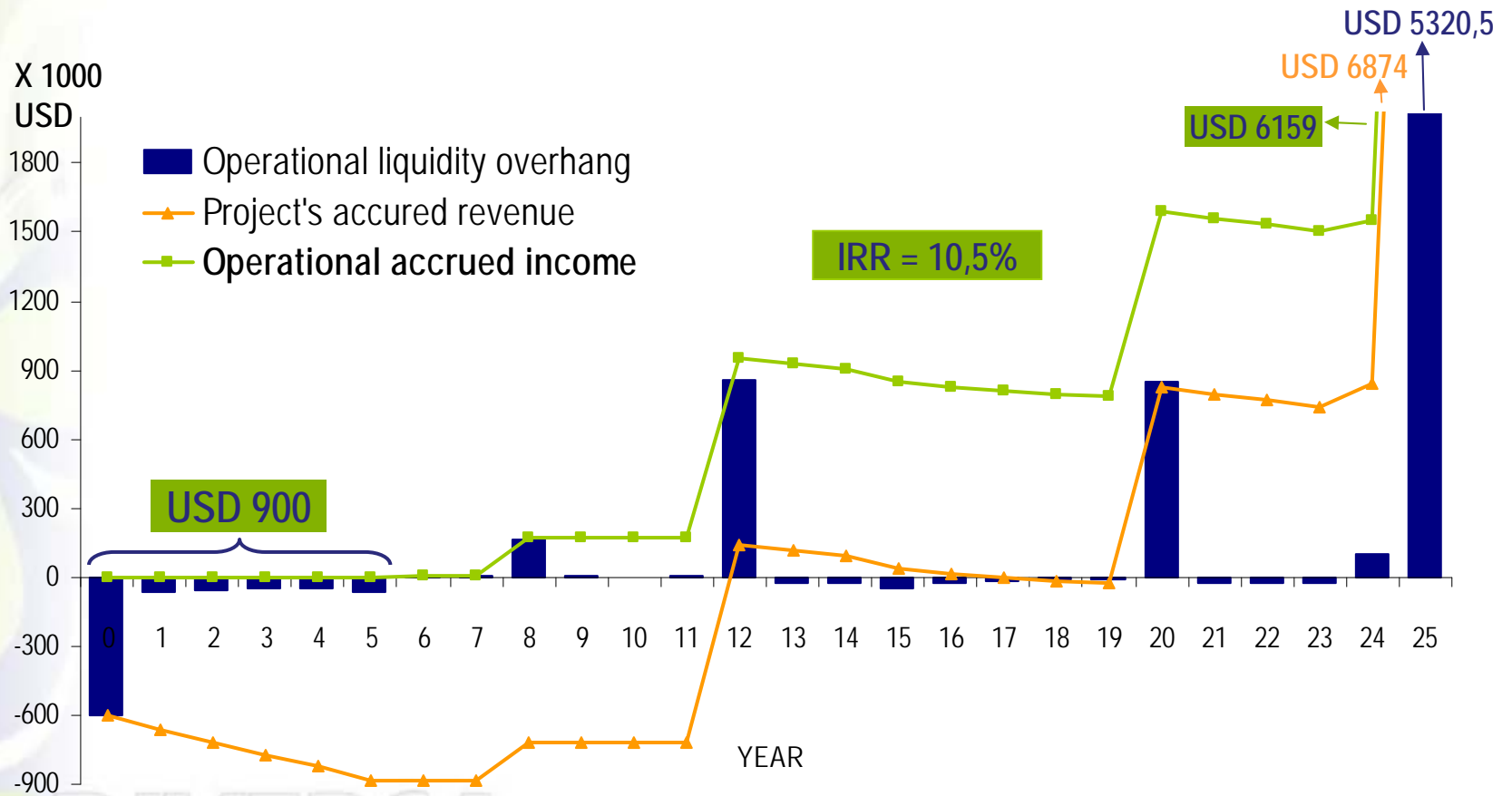
DEBITS

TODAY'S USD x 1000

Year 0	Years 1 to 4	Year 5	Year 8	Year 12	Year 20	Year 24	Year 25
Nursery op. \$ 6,3	Nursery op.	Nursery op.					
Machinery \$ 7	Rubber maint. \$ 11,8	Forest maint. \$ 13,9	Thinning middle woods \$ 90,8				
	Farm maint. \$ 14,8	Farm maint.			Thinning middle woods \$ 467		
Rubber est. \$ 76	Forest maint. \$ 36,6	Rubber prod. & maint. \$ 87,1		Expl. middle woods			
Forest est. \$ 126				Thinning preciuos woods \$ 1403			
Farms est. \$ 145						Expl. rubber & middle wood \$ 1881,5	
Project implementation \$ 210							Expl. precious woods \$ 1876,5
\$ 655,8	\$ 384,9	\$ 173,1	\$ 186,3	\$ 1513,5	\$ 583,5	\$ 1994	\$ 1970,5

TOTAL DEBITS = - \$ 9270,5

SURPLUSES PERFORMANCE



TO MAKE THIS PROJECT A REALITY

Budget for years 0 to 5



900 THOUSEND US DOLLARS

Finantial source: Donation from first and second floor organizations.



- This is the right moment to get funding from international cooperation for these type of projects: Cooperation agencies, UN, World Ban, GEF, McArthur y Ford.
- Government incentives for reforestation and rubber tree cultures.
- USAID key area.
- National and international allys network support.

WE HAVE A STRONG STRTEGY TO FIND FUNDING

REFORESTATION FOR CONSERVATION

IS MORE THAN JUST A PROJECT: WE
ARE PRESENTING A PRODUCTIVE,
SELF-SUSTAINABLE
REFORESTATION MODEL, WITH
TANGIBLE, MEANINGFUL AND LONG-
TERM SOCIAL AND ENVIRONMENTAL
IMPACTS