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FOREST RESTORATION ACTIVITIES REPORT

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**Project**

**Santa Barbara river forest restoration, São Tomás  
de Aquino, MG**

São Paulo  
28/5/2008

**1. Project Title**

Santa Bárbara River Forest Restoration, São Tomás de Aquino, MG

**2. Person/Entity responsible**

**Iniciativa Verde**  
 Rua Purpurina 131, Conjunto 103  
 São Paulo, SP – CEP 05435-030  
 (11)3444.

**3. Forest restoration participants**

**Iniciativa Verde**  
**Arbara Negócios Ambientais Ltda.**

**4. Area Description**

Trees from emissions compensation were planted on riverside areas of Santa Barbara river (Figure 1), localized in São Tomás de Aquino municipality, Minas Gerais State (20°46'02"S; 47°07'57"W). Overall, 5 hectares were restored in this area with funding raised by Iniciativa Verde.



**Figure 1** Satellite image showing Santa Bárbara river (Arbara).

**5.State/city/district**

São Tomás de Aquino, Minas Gerais

**6. Forest restoration current state**

All 8,335 trees belonging to 80 species are already planted. The trees planted are divided in pioneers and non-pioneers, according to São Paulo State Environmental Secretariat regulations (Figure 2 and Figure 3) .



**Figure 2 Area being prepared for planting.**



**Figure 3 Area with trees planted.**

**7. Future activities**

With the seedlings already planted, the process of maintenance and monitoring, which will last for 24 months, has begun. During that period, the following activities will be undertaken:

**Control of leaf cutting ants:** will be held control of the ants with baits of ants venom, to ensure that seedlings are not attacked. This activity will be held in the months of June and September 2008 and in January of 2009 and 2010.

**Control of competitor vegetation:** During the growth of seedlings, it is necessary to control other types of vegetation, so that does not compete with the seedlings planted. This activity will be held during September 2008 and January, February and November 2009.

**Coroamento:** refers to the competitor clearing of vegetation around the seedlings. Activity to be held in October 2008, January and October of 2009.

**Coverage fertilization:** deals with external fertilization, around the seedlings, composed of fertilizer with phosphorus and nitrogen. This activity will be held only once more in December 2008.

The schedule below provides a summary of the development of activities. During the implementation of these activities will be carried out monitoring of seedlings planted, for possible replacement of seedlings that have died.

2008	Implementation		Manteinnance									
Month/activity	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEZ
Acquisition of raw materials	X											
Soil preparation		X										
Opening of Cradles		X										
Rectification of soil and the Basic Fertilization,		X										
Distribution of seedlings.		X	X									
Control of leaf cutting ants		X				X			X			
Control of competitor vegetation			X						X			X
Inter-trees cultivation	X	X	X	X	X	X	X	X	X	X	X	X
Coroamento		X								X		
Coverage fertilization	X											X
2009	MANUTENÇÃO											
Month/activity	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEZ
Control of leaf cutting ants	X											
Control of competitor vegetation	X	X									X	
Inter-trees cultivation s	X	X	X	X	X	X	X	X	X	X	X	X
Coroamento	X									X		
Coverage fertilization		X										X
2010	MANUTENÇÃO											
Month/activity	JAN	FEB	MAR	APR								
Inter-trees cultivation	X	X										
Control of leaf cutting ants	X											

**Do not fulfill -Iniciativa Verde Exclusive area**

Completion date: 11/04/2008	Partner: Not applicable	<p style="text-align: center;"><b>INICIATIVA VERDE</b>  <b>Forest restoration Department</b>                  Rua Purpurina 131 – Conj. 103                  (11)3444-3636                  (11)3444-3638                  www.iniciativaverde.org.br</p>
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Revised by: Renata Rebecca		
Title <b>Santa Bárbara River Forest Restoration, São Tomás de Aquino, MG</b>		
Abstract This report summarizes the Forest restoration activities undertaken in the riverside areas of Santa Barbara river, as well as future activities of maintenance and monitoring.		<input type="checkbox"/> Do not distribute without partner permission, <input type="checkbox"/> Can be distributed after 2 years <input type="checkbox"/> Free distribution <input type="checkbox"/> Confidential
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