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FOREST RESTORATION ACTIVITIES REPORT

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**Project**  
**Sítio Santa Maria Forest restoration, São Carlos -**  
**SP**

São Paulo  
28/5/2008

**1. Project Title**

Sítio Santa Maria forest restoration, São Carlos - SP

**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

**4. Area Description**

The area is a stretch of APP degraded stream in the spring of Gregorio river, in the municipality of São Carlos, especially in the sítio Santa Maria. The region shows average annual rainfall around 1480 mm, with about 3 months of water deficit. The surroundings of the area has mainly maize and coffee plantations associated with some areas with extensive cattle ranching (Figure 1).



**Figure 1 Satellite image showing sítio Santa Maria, São Carlos, SP.**

800 trees were planted in December 2005 and over 1,160 trees in October 2006, totaling about 1.2 hectares (Figure 2).



Figure 2 Image of the reforested area in the sítio Santa Maria, municipality of São Carlos, Brazil.

<b>5. State/city/district</b> São Carlos, São Paulo
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<b>6. Planted trees (species and succession group)</b>
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PLANTATION – Sítio Santa Maria		
Species		Succession group
Common name	Species	
Agulheiro	<i>Protium heptaphyllum</i>	NP
Algodoeiro	<i>Heliconia americana</i>	P
Angico-branco	<i>Anadenanthera colubrina</i>	NP
Angico-vermelho	<i>Anadenanthera macrocarpa Benth.</i>	NP
Araçarana	<i>Calyptanthes dusieaefolia</i>	NP
Araçá-amarelo	<i>Psidium cattleianum</i>	NP
Araçá-cagão	<i>Psidium rufum Mart. ex DC.</i>	NP
Aroeira-brava	<i>Litsea molleoides (Vell.) Engl.</i>	P
Aroeira-pimenteira	<i>Schinus terebinthifolius Raddi</i>	P
Aroeira-preta	<i>Myracrodruon urundeuva</i>	NP
Bico-de-pato	<i>Macbaerium nycitans (Vell.) Benth.</i>	NP
Bracatinga	<i>Mimosa scrabella</i>	P
Cabreúva	<i>Myroxylon peruiferum L. f.</i>	NP
Cambuí	<i>Myrciaria tenella</i>	NP
Canafístula	<i>Peltophorum dubium (Spreng.) Taub.</i>	P

Capixingui	<i>Croton floribundus Spreng.</i>	P
Cássia-fístula	<i>Cassia ferruginea</i>	NP
Cedro-do-brejo	<i>Cedrela odorata L.</i>	NP
Cedro-rosa	<i>Cedrela fissilis Vell.</i>	NP
Chá-de-bugre (Juruté)	<i>Cordia sellowiana Cham.</i>	P
Claraíba	<i>Cordia eucalyculata</i>	NP
Crumarim	<i>Esenbeckia febrifuga (A. St.-Hil.) A. Juss.</i>	NP
Embaúba	<i>Cecropia pachystachia</i>	P
Embiruçú	<i>Pseudobombax grandiflorum (Cav.) A. Rob.</i>	NP
Espinho-de-maricá	<i>Mimosa bimucronata (DC.) O. Kuntze.</i>	P
Falso tímbo	<i>Lonchocarpus guillemianus (Tul.) Malme</i>	NP
Figueira-branca	<i>Ficus guaranitica Chodat ex Chodat &amp; Vischer.</i>	NP
Figueira-do-brejo	<i>Ficus insipida Willd.</i>	P
Goiaba	<i>Psidium guajava</i>	NP
Granadilo	<i>Diospyros inconstans</i>	NP
Grumixama	<i>Eugenia Brasiliensis</i>	NP
Guajuvira	<i>Patagonula americana L.</i>	NP
Guarantã	<i>Esenbeckia leiocarpa Engl.</i>	NP
Guaritã	<i>Astronium graveolens Jacq.</i>	NP
Guaruaia	<i>Parapiptadenia rigida (Benth.) Brenan</i>	NP
Guapuruvú	<i>Schizolobium paralyba</i>	P
Guatambú-amarelo	<i>Aspidosperma ramiflorum</i>	NP
Guatambú-de-sapo	<i>Crysothlyllum gonocarpum (Mart.&amp;Eichl.) Engl.</i>	NP
Guatambú-oliva	<i>Aspidosperma parvifolium</i>	NP
Ingá-do-brejo	<i>Inga uruguensis Hook. &amp; Arn.</i>	P
Ingá-feijão	<i>Inga marginata Willd.</i>	NP
Ingá-mirim	<i>Inga laurina</i>	NP
Ipê-amarelo-cascudo	<i>Tabebuia chrysotricha (Mart. ex DC.) Standl.</i>	NP
Ipê-amarelo-do-brejo	<i>Tabebuia umbellata</i>	NP
Ipê-amarelo-liso	<i>Tabebuia vellosi Toledo</i>	NP
Ipê-branco	<i>Tabebuia roseo-alba (Ridley) Sandwith</i>	NP
Ipê-branco-do-brejo	<i>Tabebuia dura</i>	NP
Ipê-felpudo	<i>Zeyheria tuberculosa (Vell.) Bureau ex Verlot</i>	NP
Ipê-roxo	<i>Tabebuia avellaneda</i>	NP
Ipê-roxo-de-bola	<i>Tabebuia impetiginosa (Mart.) Standl.</i>	NP
Ipê-roxo-sete-folhas	<i>Tabebuia heptaphylla</i>	NP

Jacarandá-branco	<i>Jacaranda cuspidifolia</i>	NP
Jacarandá-do-campo	<i>Machaerium acutifolium</i>	NP
Jaracatiá	<i>Jacaratia spinosa (Aubl.) A. DC.</i>	NP
Jenipapo	<i>Genipa americana L.</i>	NP
Jequitibá-branco	<i>Cariniana estrellensis (Raddi) Kuntze</i>	NP
Leiteiro	<i>Peschiera fuchsiaefolia Miers.</i>	P
Lixeira	<i>Aloysia virgata (Ruiz &amp; Pav.) A. Juss.</i>	P
Louro-branco	<i>Bastardiopsis densiflora</i>	P
Louro-pardo	<i>Cordia trichotoma (Vell.) Arrab. ex Steud.</i>	NP
Marinheiro	<i>Gnarea guidonia (L.) Sleumer</i>	NP
Maricá	<i>Mimosa sepiaia</i>	P
Monjoleiro	<i>Acacia polyphylla</i>	P
Mutambo	<i>Guazuma ulmifolia Lam.</i>	P
Paineira	<i>Chorisia speciosa</i>	NP
Pau-d'alho	<i>Gallesia integriflora</i>	NP
Pau-formiga	<i>Triplaris americana</i>	P
Pau-jangada	<i>Apeiba tibourbou</i>	P
Pau-pólvora	<i>Trema micrantha (L.) Blum.</i>	P
Pau-sangue	<i>Pterocarpus violaceus Vog.</i>	NP
Pau-viola	<i>Citharexylum myrianthum Cham.</i>	P
Peito-de-pomba	<i>Tapirira guianensis Aubl.</i>	NP
Peroba-poca	<i>Aspidosperma cylindrocarpon</i>	NP
Peroba-rosa	<i>Aspidosperma polyneuron</i>	NP
Pêssego-bravo	<i>Prunus myrtifolia</i>	NP
Pinha-do-brejo	<i>Talauma ovata</i>	NP
Pitanga	<i>Eugenia uniflora L.</i>	NP
Quaresmeira	<i>Tibouchina granulosa</i>	P
Saguaraji-amarelo	<i>Rhamnidium elaeocarpus Reiss.</i>	NP
Sangra-d'água	<i>Croton urucurana Baill.</i>	P
Sobrasil	<i>Colubrina glandulosa Perkins</i>	NP
Tamanqueiro	<i>Aegiphila sellowiana Cham.</i>	P
Tapiá	<i>Alchornea glandulosa</i>	P
Timburi	<i>Enterolobium contortisiliquum (Vell.)</i>	P
Tingui	<i>Dictyoloma vandellianum</i>	P
Unha-de-vaca	<i>Bauhinia forficata Link</i>	P
<b>TOTAL</b>	<b>85</b>	

**7. Forest restoration current state**

The area already has trees with height more than 4 meters. Currently only left for maintenance activities that relate to the maintenance of the fence, fighting the ants and mowing the streets.

**8. Technology employed**

The trees were planted through tillage, using seedlings wrapped in sachet and large tubettes. We used organic fertilizer and chemicals. The ground was prepared with the help of machines. The opening of holes was also done by hand, increasing the participation of the local workforce

**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>
Filled By: Magno Castelo Branco	Contact:	
Revised by: Renata Rebecca		
<p>Title <b>Sítio Santa Maria forest restoration, São Carlos - SP</b></p>		
<p>Abstract This report summarizes the Forest restoration activities undertaken in the riverside areas of sítio Santa Maria.</p>		<p><input type="checkbox"/> Do not distribute without partner permission,</p> <p><input type="checkbox"/> Can be distributed after 2 years</p> <p><input type="checkbox"/> Free distribution</p> <p><input type="checkbox"/> Confidential</p>
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