

**9.600 hectares (3.100 hectares conservation areas)**

**Minas Gerais State - Brazil**

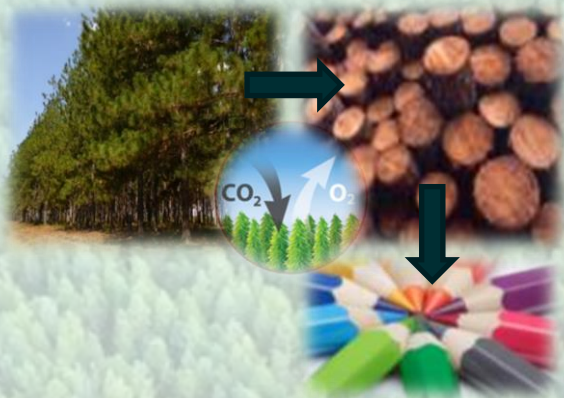
*Faber-Castell is the largest Ecopencil producer in the world*  
*2,2 billion pencils / year*



# FOREST *management*



## Sustainability Programs





## S U S T A I N A B I L I T Y

# programs

### Animalis

**Objective:** to know fauna in the forest projects and propose actions that reduce impact on its habitat

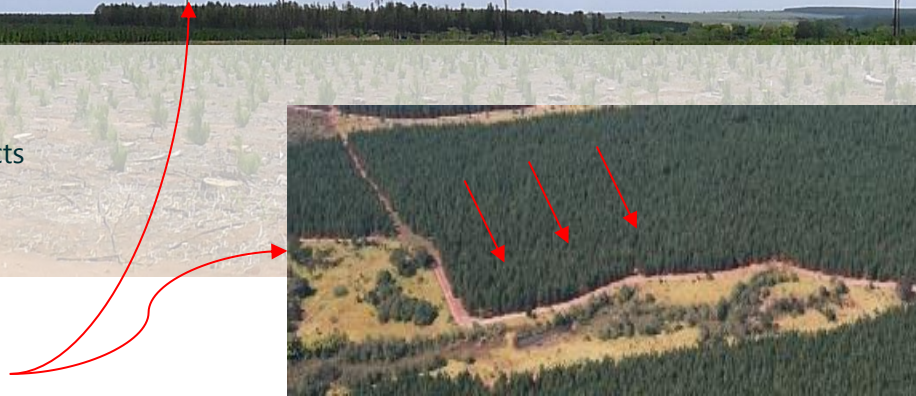
### Results

Establishment of bird trees

Establishment of new harvesting direction

Update of State threatened species list

Usage of research results for *environmental education*



### SPECIES

### NO. SPECIES

	F-C PROJECTS	%	CERRADO
Birds	237	28	837
Mammals	64	25	251
Reptiles	25	10	262
Amphibians	35	17	204
Ants	159		?

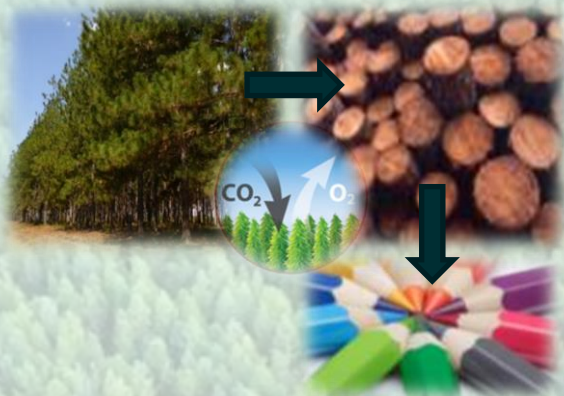
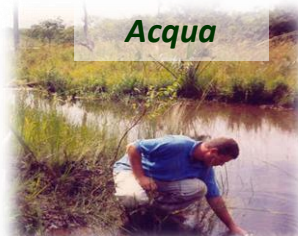


FOREST

# management



## Sustainability Programs





## S U S T A I N A B I L I T Y

# programs

### Arboris

**Objective:** support flora conservation

#### Results

**Mapping** different native vegetation types

Determining species **by project**

**Monitoring** development of these vegetation and number of species

Identification of **donor trees** for native seed collection for recovery of native areas



### Acqua

**Objective:** water quality and quantity monitoring

#### Results

Results show that chemicals from **neighbor farms** are filtered inside rivers in F-C projects

Compared to neighbor farms, water flow inside **forest projects** is higher

**Population awareness**

**Partnership** with government



### Solos

**Objective:** avoid soil erosion and degradation

#### Results

Past erosion sites **stabilization**

**Mapping** of soil fertility

Forest roads **drainage**

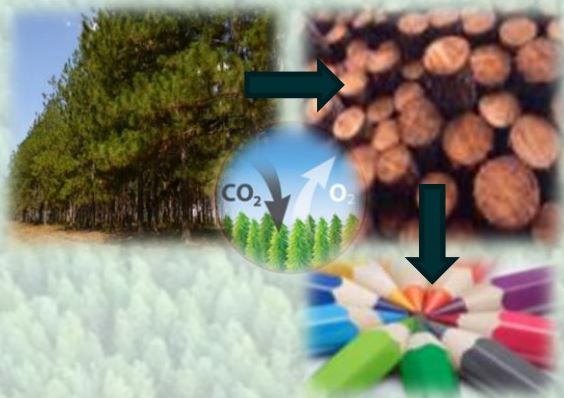
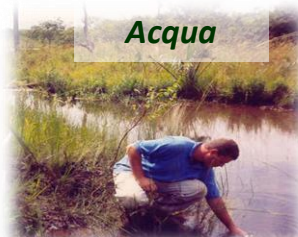
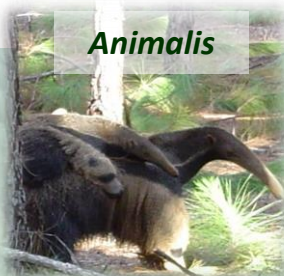


FOREST

# management



## Sustainability Programs



Program of Fire Fighting  
and Prevention



### Support from government

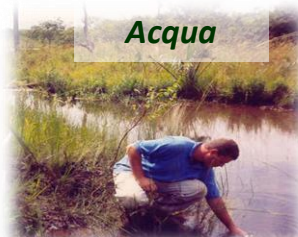
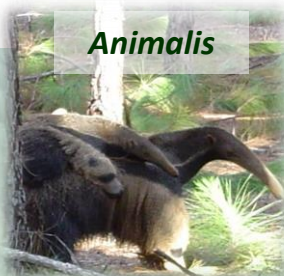


FOREST

# management



## Sustainability Programs



**Program of Fire Fighting and Prevention**

**Social Program**

**Environmental Education**





FABER-CASTELL  
since 1761

ENVIRONMENTAL

# education

**Social Program**

**Neighborhood mapping**

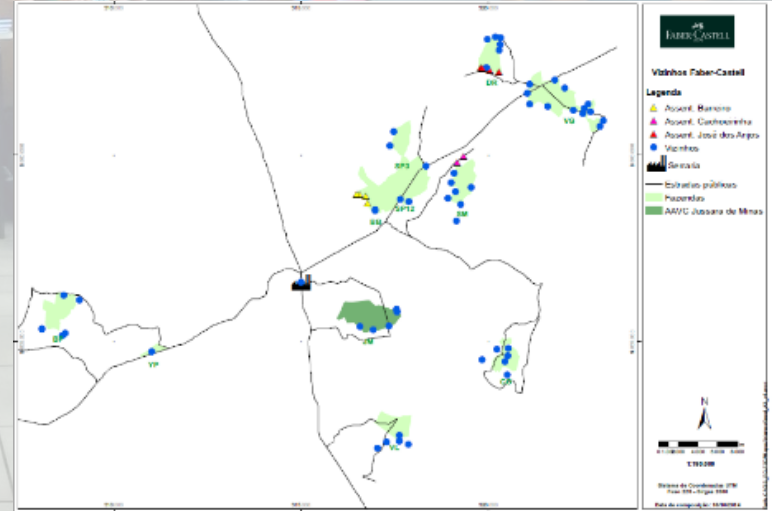
**Environment Seminars**

**Opinion research**

**State and municipality teachers training on environmental issues**

**Forest fire prevention**

**Training on forest recovery**



FOREST

# management



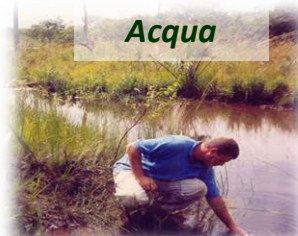
## Sustainability Programs



Animalis



Arboris



Acqua



Solos



CO<sub>2</sub>

O<sub>2</sub>



Continuous  
Improvement

R&D



Environmental  
Education

Social Program



Fire  
Prevention



Program of Fire Fighting  
and Prevention



# FOREST R&D

## ***Main Objectives***

*Improve production techniques*

*Optimize forest production*

*Reduce environmental impact*



## ***Research Topics***

*Genetic improvement*

*Fertilization*

*Management measures*

*Alternative species for pencils*

*Alternatives and reduction of chemicals*



Thank you!