# CALI · COLOMBIA Paz con la Naturaleza

FOREST, WATER AND CLIMATE: HOW PARTNERSHIPS AND FINANCIAL SUPPORT HAVE ENABLED THE STATE OF ESPÍRITO SANTO TO FACE ENVIRONMENTAL CHALLENGES

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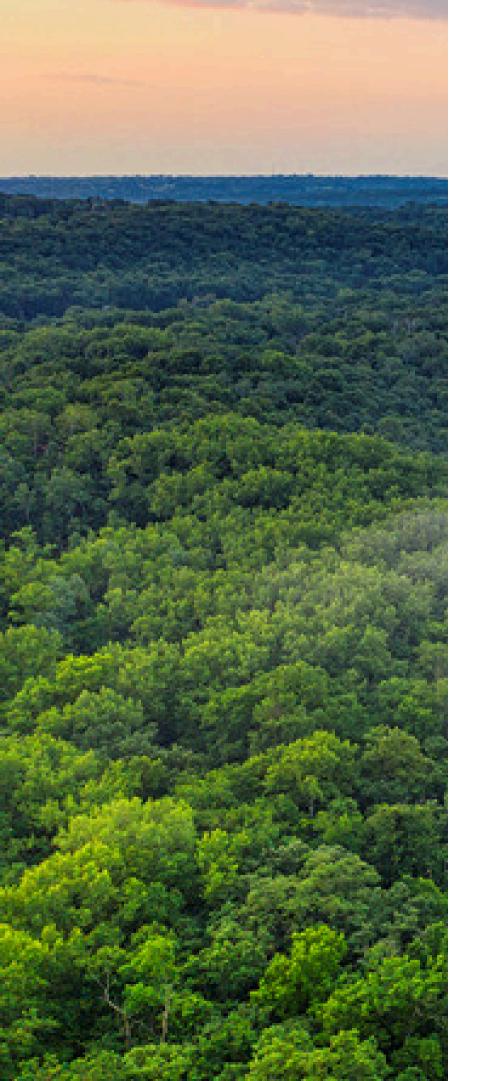








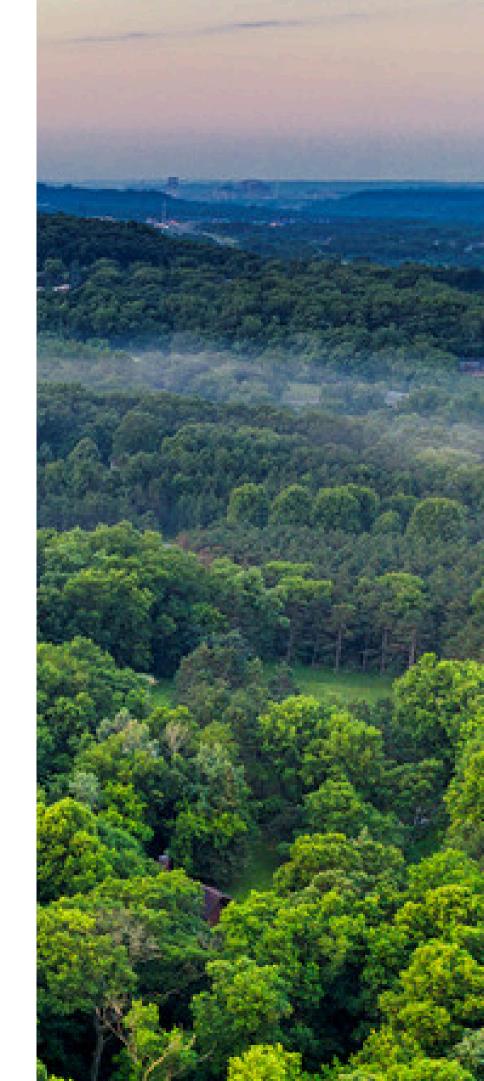


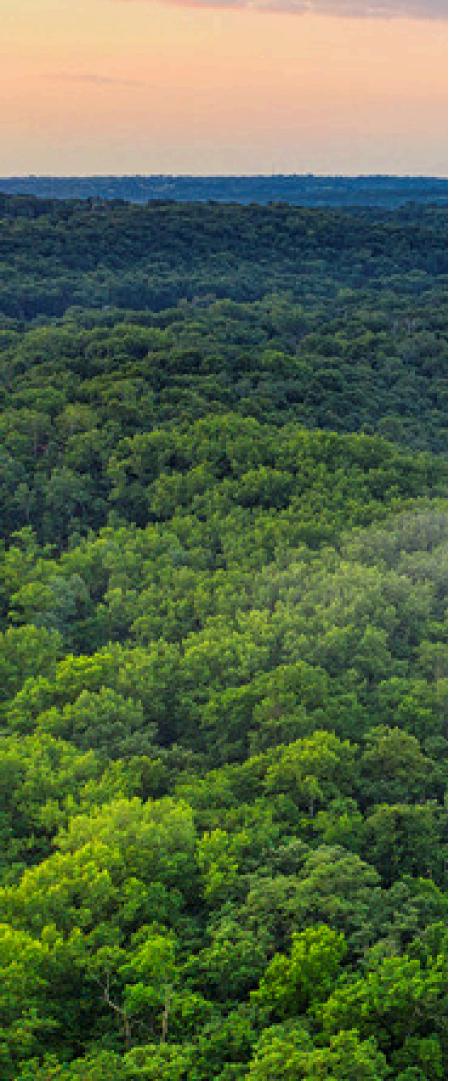


"WHEN **BIODIVERSITY** HAS A PROBLEM, HUMANITY HAS A PROBLEM"

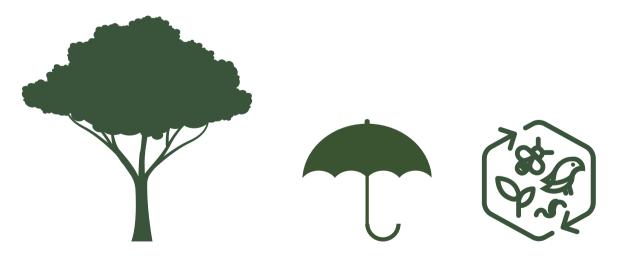




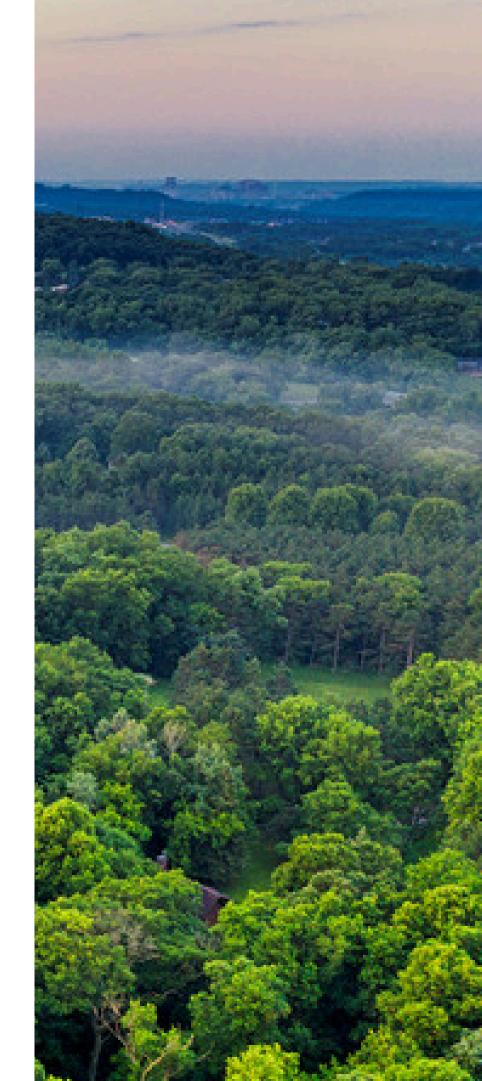




# FOREST





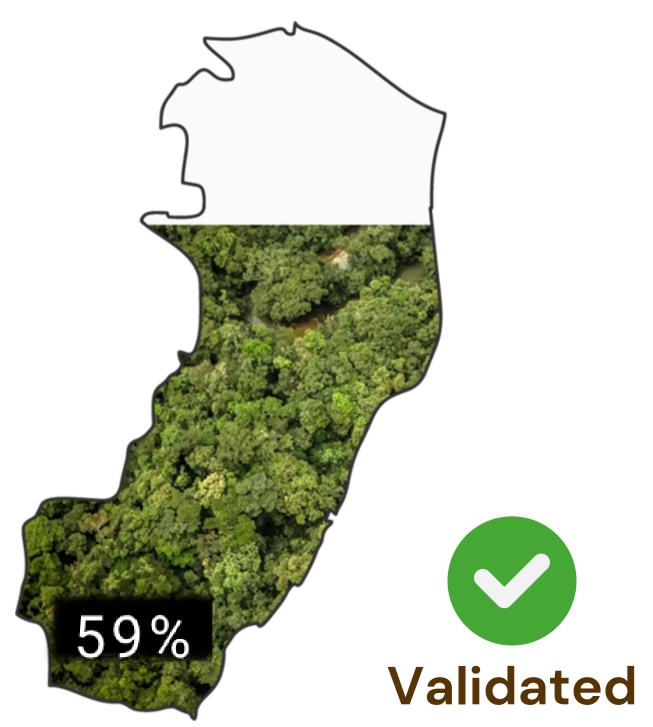


#### RURAL ENVIRONMENTAL REGISTRY (CAR)

# NUMBER OF RURAL PROPERTIES













#### RURAL ENVIRONMENTAL REGISTRY (CAR)

### REPRESENTATION RELATED TO THE AREA



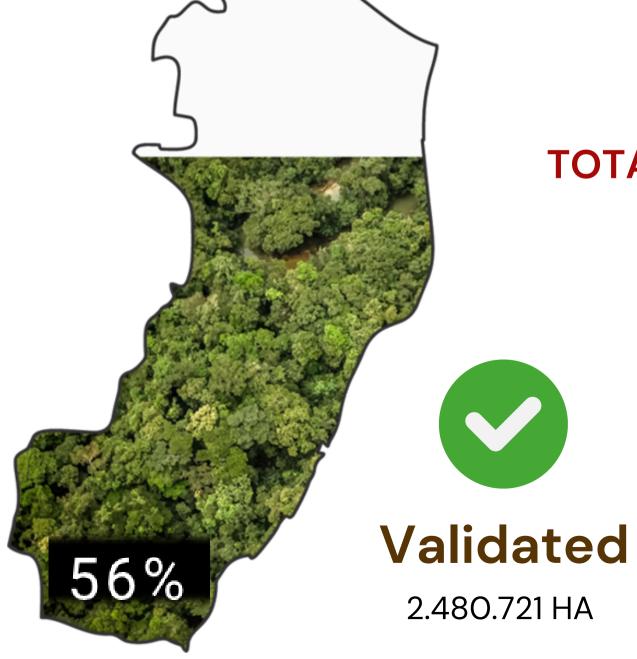




TOTAL: 4.277.470 HA



3.783.633 HA





#### PRESERVED AND RECOVERED AREAS

#### RURAL ENVIRONMENTAL REGISTRY (CAR)

#### PERMANENT PROTECTION AREAS

#### **LEGAL RESERVE AREAS**

57.032 HA

PRESERVED APPs



82.556 HA

APPs TO RECOVER



341.802 HA
PRESERVED
LEGAL
RESERVE



78.251 HA

LEGAL
RESERVE TO
RECOVER



55.104 properties

6.686 properties





# ENVIRONMENTAL REGULARIZATION PROGRAM (PRA)

- ENVIRONMENTAL LIABILITIES:
   160,000 HECTARES
- FOREST COVER IN 2015: 22,1%
  - PROJECTION FOR THE NEXT 20 YEARS:
    320.000 HA = 30% (PRA)





Florestas são fontes de vida e água para todos e podem ser fonte de renda para o produtor rural.













REFORESTATION: STATE PROGRAM FOR EXPANDING FOREST COVERAGE

### SSPIRITO SANTO, BRAZIL

PAYMENT FOR ENVIRONMENTAL SERVICES

# RESULTS OF THE REFLORESTAR PROGRAM

2015 A 2019

restored

11.000 HA 12.000 HA protected

5.000 rural landowners 50 AREAS

elegible for critically endangered species bonus

23.000 hectares restored and protected in 5 years by the program with an investment of US\$ 13,000,000



#### **ENVIRONMENTAL CONTROL AND** RAPID RESPONSE







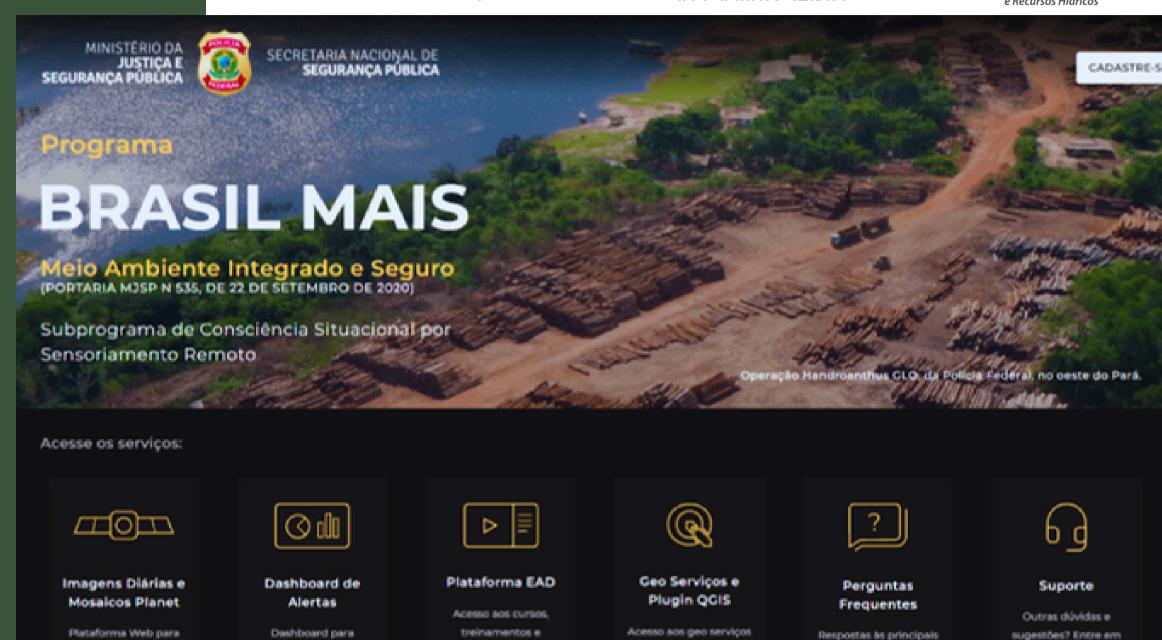
#### COMBATING ENVIRONMENTAL CRIMES



**FOREST MONITORING CENTER** 



MONITORING AND DAILY **ALERTS ON ILLEGAL DEFORESTATION AND FIRES** 



Informações técnicas

sobre as produtos

de mossicos e alertas.

além de imagens

diárias via plugin QCIS

dúvidas dos usuários



visualização, análise e

detecção de mudança

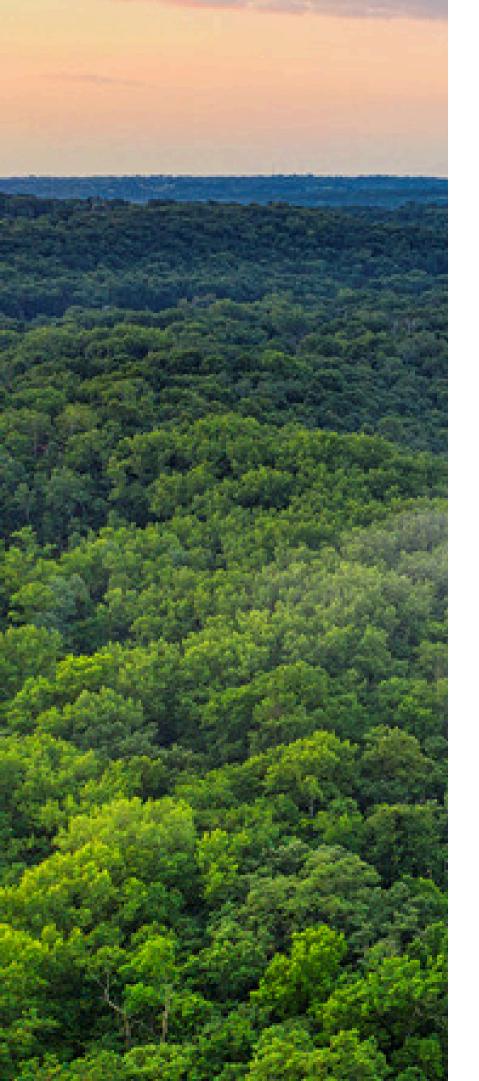
acesso às imagens

mensals Planet



sugestőes? Entre en

equipe de suporte



# WATER & CLIMATE











# PROGRAMS IN ESPIRITO SANTOSTATE WATERS AND LANDSCAPES II

PLANS

environmental resilience



**PROJETS** 

Strengthening of the parties involved

PSA

Payment for Environmental Services

**WORKS** 

Rural and urban areas

Investment of US\$ 102,000,000





#### PROGRAMS IN ESPIRITO SANTO STATE

### CLIMATE CHANGE CAPIXABA PROGRAM

PLANS

mitigation and adaptation



GERAR

Generation of renewable energy

MONITORING

Intelligence
Center with Civil
Defense

ALERTA-ES

Alerts the population about extreme weather events

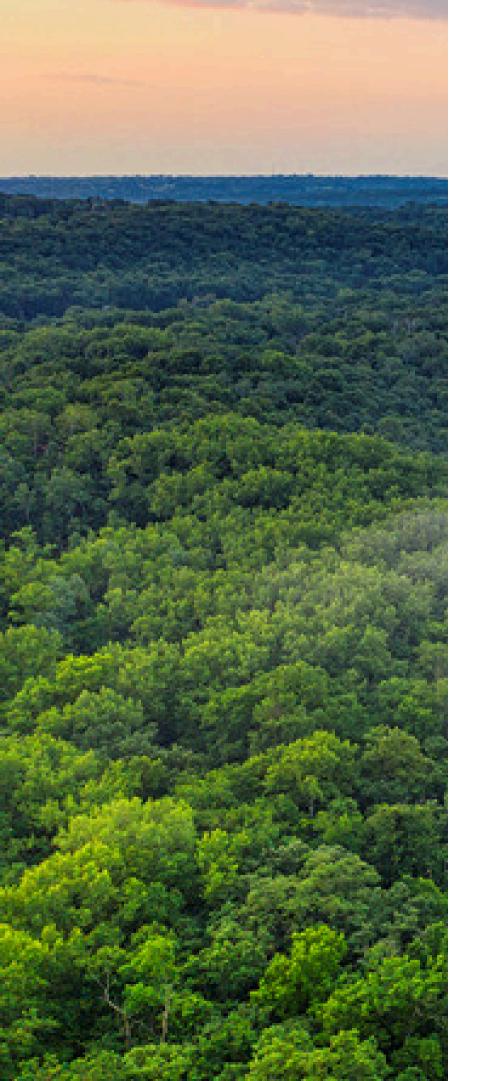
Investment of US\$ 353,000,000











# "WHEN **BIODIVERSITY HAS** A PROBLEM, TOGETHER WE ARE THE SOLUTION"













# THANK YOU



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#### Realização



#### **Patrocinadores**















