



Brazilian Institute for Environment  
and Natural Renewable Resources  
Brasilia, Brazil  
[www.ibama.gov.br](http://www.ibama.gov.br)

**Industry:**

Government

**Employees:**

6,500

**Oracle Products &  
Services:**

Oracle Database  
Oracle Spatial

**"Oracle Database 10g allowed  
IBAMA to centralize information,  
share data, and increase  
performance."** – Mariano  
Pascual, Siscom Project Technical  
Coordinator, Brazilian Institute for  
Environment and Natural  
Renewable Resources

**Brazilian Institute for Environment and Natural  
Renewable Resources Enhances Environmental  
Management**

The Brazilian Institute for Environment and Natural Renewable Resources (IBAMA) is a governmental body founded in 1989. The institute contributes to environmental management by developing, coordinating, and executing Brazil's National Environmental Policy, which targets preservation, conservation, and rational use of natural renewable resources.

**Challenges**

- Store data and provide centralized access to information from IBAMA's decentralized units, state environmental agencies, the Environment Ministry, and other government agencies that may have individual and isolated databases
- Eliminate the bottleneck that prevented the storage of massive amounts of cartographic data and satellite images related to Brazil's National Environmental Policy
- Allow agencies to make joint decisions, based on the same data

**Solution**

- Centralized storage in Oracle Database 10g allows agencies involved in the Brazil's National Environmental Policy to easily share information
- Shared access to Oracle Database 10g guarantees agencies involved in the National Environmental Policy avoid taking contradictory measures
- Shared use of Oracle Database 10g centralizes system management and to minimizes repetitive and redundant efforts for agencies involved in the National Environmental Policy
- Adopting Oracle Spatial 10g ensures the integrity of records regarding private property and natural resources, by storing and easily retrieving cartographic data regarding the territorial features and dimensions of Brazil