



CSLF

Presentation by Brazil

Technical Group Meeting
(19-21st January, 2004)



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Introduction

- Carbon Sequestration, a new issue
- Recognition of its world importance
- Brazilian clean and renewable energy matrix (95% hydraulic)
 - Very low average inhabitant CO₂ emissions
 - Use of biofuels to transportation



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Brazilian Experience

- Industrial
 - Enhanced Oil Recovery in Northeast Brazil
 - Reforestation
 - Brazilian Emission Inventory
- R&D
 - Microalgae for Biodiesel Production
 - Brazilian CO₂ Geological Storage Capacity



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Enhanced Oil Recovery by Petrobras

- Mapping CO₂ Storage Capacity of Depleted Oil and Gas Fields
- 2 Active Pilot Projects (from late 80's)
- 3 New Projects to Early 2006
- 20 New Projects up to 2010
- Budget: US\$ 70.000.000
- Sequestration: 1.000.000 CO₂ ton/year



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Possible Technical Cooperation

- Capture from Stationary Sources
- Transportation
- Geological Carbon Sequestration
 - Monitoring
 - Risk Analysis
- New Utilization of CO₂



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Other Issues to be Addressed

- Legal, Regulatory and Financial