



3rd Capacity Building Workshop
Al Khobar, Saudi Arabia 26-30 January 2008

The Needs for Emerging Economy Countries - BRAZIL -

Marcelo Ketzer
Brazilian Carbon Storage Research Center - CEPAC

Paulo Cunha and Paulo Rocha
PETROBRAS



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1 - Why CCS in Brazil?

- **Brazil doesn't have target obligations to reduce its emissions (UNFCCC common but different responsibilities principle) but it is committed to climate change mitigation;**
- **Clean energy matrix: 95% hydroelectricity , 24% ethanol in gasoline and 2% of biodiesel in diesel;**



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2 - Why CCS in Brazil?

- **Activities of PETROBRAS and other industries in Brazil and abroad can be directly affected;**
- **Business opportunities and local development that can come with CCS projects implementation (EOR and ECBM, social and environmental aspects aiming to obtain sustainability of CCS, including possible compensation of future extra hydrocarbon emissions, such as through forestation);**
- **Brazil is a leader in biofuels and ultra-deep water hydrocarbon exploration and production, and wants to be one of the major players in CCS technologies too.**



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1 - Needs for deployment of CCS in Brazil

- Establishment of legal and regulatory framework to attract national and international investments (well established framework in other countries will be of great help);**
- Technology Roadmap (ongoing work, possible technical support from CSLF will be of great help);**
- Increase public awareness on growing energy demands, climate change mitigation portfolio, and CCS;**



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2 - Needs for deployment of CCS in Brazil

- **Capacity building in the perspective of “6000 Sleipners” (great potential to supply domestic and international qualified manpower needs; CSLF and IEA can play a key role);**
- **Support for other initiatives like the CSLF “Student Body”;**
- **Brazil should be invited for collaboration in large international CCS projects, not only within the funding scheme, but also as technical provider;**
- **Brazil is open to host large international CCS projects using the proposed fund in the G8/IEA/CSLF recommendations.**



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Contacts in Brazil:

Marcelo Ketzer – marcelo.ketzer@puccs.br

Paulo Cunha – paulocunha@petrobras.com.br

Paulo Rocha – psrocha@petrobras.com.br

Thais Murce – tmurce@petrobras.com.br

