



CCS - Africa

CCS: A Capacity Building Effort in Africa

CCS in Southern Africa
Mozambique - 13th April
VIP Grande – Maputo

Breakout Sessions

Carlos Yum



Group 1: CO₂ geological storage

- Lopo Vasconcelos (UEM)
- Eugenio Silva (Petromoc)
- Alexandre Muianga (ENH)
- Dino Milisse (Geological Survey)
- Boaventura Cuamba (UEM)
- Manuel Chenene (UEM)
- Juliao Cumbane (UEM)



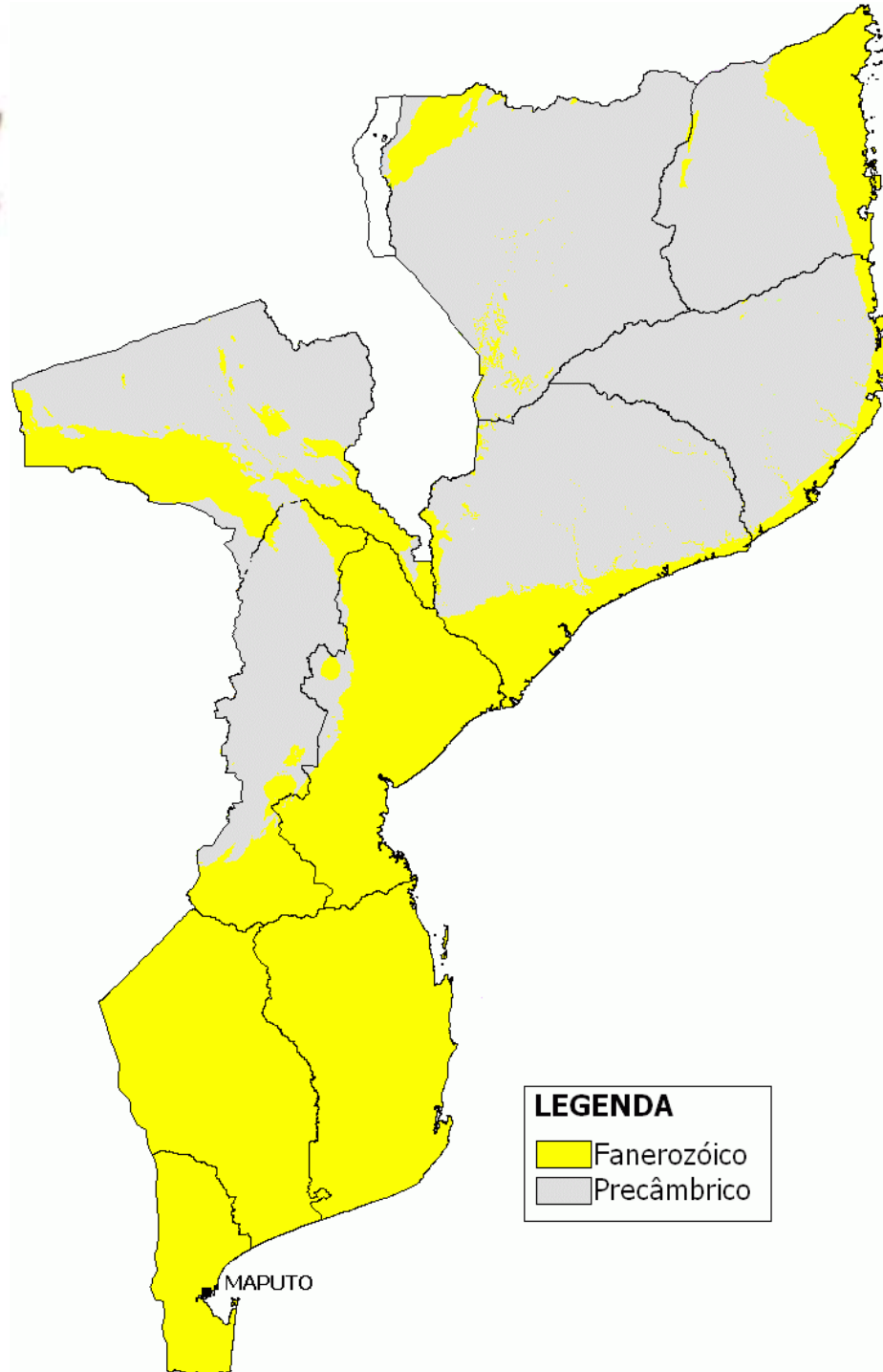


Group 1: CO₂ geological storage

- **What are potential CO₂ storage reservoirs in Mozambique? Is there sufficient-quality information?**
- **Yes there is potential**
 - **Roughly 50% of the country's geology consists of sedimentary basins**
 - **3 types of potential CO₂ storage reservoirs can be found:**
 - **future depleted gas fields**
 - **coal seams**
 - **cap rocks**
 - **Big basalt flows underneath the sedimentary cover in central-south Mozambique**



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LEGENDA

-  Fanerozóico
-  Precâmbrico

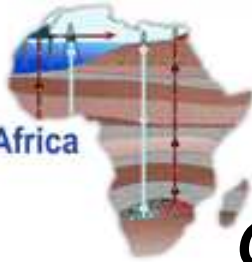




Group 1: CO₂ geological storage

- **What are potential CO₂ storage reservoirs in Mozambique? Is there sufficient-quality information?**
- **Insufficient quality information**
- **Detailed geological work needed to characterize potential sites**
- **Oil companies have plenty of info that is not public**
- **Involve oil companies in the process so that they can make some of this info available**





Group 1: CO₂ geological storage

- **Why (if at all) would Mozambique consider CO₂ storage?**
- **Moz would consider CO₂ storage in the following cases:**
 1. **Existence of a clear development roadmap**
 2. **Incentives to the companies/investors**
 3. **Certainty in climate change agreements (internationally)**
 4. **SA could consider MOZ as a potential CO₂ importer and storer**



Group 1: CO₂ geological storage

- **What would be needed for CO₂ storage to take place in Mozambique in terms of human capacity, investors and companies?**
- **Money to invest in training and national regulation implementation;**
- **Global cooperation framework on policies and regulations;**

