

CCS POLICY & LEGAL ISSUES

GROUP 3:



Breakout sessions guidance

Group 3: CCS policy and legal issues

What are the concerns about CO₂ storage?

What concerns about CCS need to be regulated?

What would be needed for CCS legislation to take place in Botswana?

How could CCS be incentivised in Botswana, taking into account international sources?

From this, what are the next steps for CO₂ capture in Botswana?

Please fill in the table:

Action	Milestone	Actor	Timeframe

CONCERNS

- LEAKAGE
- CONTAMINATION OF GROUNDWATER
- GAS SPECIFICATION
- FINANCING THE SYSTEM
- DIVERSION RE FUNDS
- SUITABLE SITES/GEOPHYSICS (GEOLOGICAL SETTING)
LICENSING for
 - Exploration
 - Storage (pore space)
- ENERGY PENALTIES (ENERGY BALANCE)

CONCERNS CT'D

- COMPETITIVENESS
- CAPACITY BUILDING (LACK OF CAPACITY INITIALLY)
- STERILISATION OF MINERAL RESOURCES
- LIABILITY (IN CASE OF FAILURE OR POST CLOSURE)

CONCERNS CT'D

- CONCERNS SHOULD BE STREAMLINED:
 - CAPTURE,
 - TRANSPORT,
 - STORAGE
- LICENCING PORE SPACE (whose responsibility is it)
- DO WE NEED CCS
 - what justifies the need for CCS
 - Data required

OF THE CONCERNS WHICH NEED TO BE REGULATED

- LEAKAGE
 - (CAP, TRANS, STR)
- CONTAMINATION OF GROUNDWATER
 - STR
- GAS SPECIFICATION
 - (CAP, TRANS, STR)
- FINANCING THE SYSTEM
 - CAP, TRANS, STR)
- DIVERSION RE FUNDS
 - (CAP, TRANS, STR)
- SUITABLE SITES/GEOPHYSICS (GEOLOGICAL SETTING)
 - TRANS, STR
- ENERGY PENALTIES (ENERGY BALANCE)

What will be need for CCS Legislation to take place in Botswana

- Needs assessment
 - Policy position
- Review energy sources options
- Determine which one to go
 - (based on financing/
 - costs/
 - environmental considerations,
 - viability

How would CCS Be Incentivised in BOTS taking into account international sources

- Carbon credits and Trading
- Policy
- Tax incentives
- Efficient appropriate technology transfer
- Finance subsidies
- Capacity building