

FOCUS GROUP RELATED TO CCS, CARBON FOOTPRINT, CDM INFORMATION AND ENERGY EFFICIENCY

Energy efficiency

Topic was discussed briefly and Ministry of Mines and Chamber of Mines described pressure put on them for significant energy savings / efficiency for the future. Request for support and potentially gathered information from the research side with approved and best practice information available for the countries.

Xplate told us about their energy efficiency installation that can save coal input with 3% and emissions with up to 15-20%. Are looking for cooperation and pilot projects in bigger scale.

Agna ventures told us about the reflecting paint developed by NASA that can save energy by reflecting the heat. Had pilot projects done, but were looking for bigger installations.

Carbon footprint

Related to discussions about the Carbon Footprint it came down to basic needs on how to calculate the Carbon foot print properly. A recommended suggestion was to enter different websites with tools for calculation and framework for different businesses. Different sites were mentioned but many more can be found, one being <http://www.ghgprotocol.org/>

After doing your calculation both for direct and indirect impact, you must also be very transparent and disclose all your assumptions. Thereby you have come a long way.

Both for these calculations and for the CDM exercise below you should ask for support by the experienced companies and organizations in the market.

CDM - information

Many of the questions about CDM can be answered by looking at the <http://cdm.unfccc.int/>. Especially the sub-page "Methodology" is recommended as the more than 100 approved methodologies for approving CDM-projects are found here. If there is already an applicable methodology, it makes the work easier and increases the chances of approval. All registered projects are available online, which will also be helpful for those developing projects. However, it is recommended to co-operate with one of the companies experienced in developing CDM-projects and getting them approved, especially if you have not developed (m)any CDM-projects before.

CCS

CO₂ capture and storage, which involves the separation of CO₂ from a sizeable CO₂ point source, its transport, and its permanent storage in a suitable geological reservoir, is a relatively unknown technology in Botswana. Given Botswana's coal reserves and potential for Enhanced Coal Bed Methane recovery it is raising some interest, but questions were raised about the strategic and political drivers and impediments that could be identified in the country. On this level, and given the lack of information on CCS and its potential in Botswana, both positive and concerned responses on the questions can be best described as intuitive. More information on CCS should inform strategic considerations around CCS in Botswana.