

Information request on your EoI to collaborate with KCI to develop a case study

First of all, the KCI would like to thank you for expressing your interest in collaborating with KCI in the development of the case study in line with the concept note (attached). In order to for the KCI to have more clarity on your interest and to consider it to the next step, we would like to request you to kindly respond to following questions:

Questionnaire

1. If you haven't done so, please indicate which of three option you choose from the concept note to develop the case study in collaboration with KCI:
 - a. **Option 1- Country-specific case study:** Assessing the effects of the global energy transition (such as the reduction of hydrocarbon demand due to global energy transitions and rising climate policies) in a fossil-fuel dependent economy, taking into account people in vulnerable situations, as well as efforts toward economic diversification and transformation and just transition. This could be done for Rwanda with the caveat that the power sector includes a mix of hydro and fossil-based generation and is not solely dependent on fossil fuels.
 - b. **Option 2- Region-specific case study:** Assessing impacts of the implementation of emissions reductions climate policies, on economies, taking into account people in vulnerable situations, as well as efforts toward economic diversification and transformation and just transition.
 - c. **Option 3- Sector and region-specific case study:** Assessing impacts of increasing fuel costs on resource-dependent, carbon-intensive tourism sectors, taking into account people in vulnerable situations, as well as efforts toward economic diversification and transformation and just transition. This level of analysis also could be done for the power sector, but it is not clear how dominant the tourism sector is in Rwanda.
2. If possible, kindly provide brief description of the case study for the chosen option, e.g. the sector, the climate policy, the country/region, etc. This case study would be based on work completed in the last four years by CCS through the USAID Power Africa/East Africa Energy Program with the Rwanda Energy Group. It focused initially on least cost power plan development capacity building through installation and use of the LEAP model and linked models, with a focus on renewable energy expansion. It transitioned to least cost/net zero power planning and sustainable economic transition through renewable energy development and use. This study provides a national regional leadership example for other countries and regions and has high replication potential. The study demonstrates how a standardized approach for least cost/net zero power planning can be customized to local conditions, including severe economic and social equity issues, through a highly developed case study with a high level of institutional recognition.
3. What is the status of the assessment of impacts for the specific case study? Choose from below, and elaborate as necessary:
 - a. Assessment of impacts is complete for the case study (published/unpublished). The first assessment can be found at <https://www.climatestrategies.us/news/assessment-of-rwanda-energy-capacity-expansion-and-net-zero-climate-goals>. The second assessment is just completed but has not been released.

- b. Assessment of impacts is in progress/ partially complete for the case study and will be developed together with KCI. With additional support, this study could be expanded to more fully address just transition and vulnerable population issues and needs, including social and economic assessment training and capacity building for the power sector.
 - c. The study will be initiated in collaboration with KCI
 - d. Other.....(specify)
4. If the case study is already available, please provide the link to the case study.
5. If you would like to develop or initiate a case study, or further develop your existing case study, in collaboration with the KCI, how can you contribute? (for example: by providing resources, by developing the case study itself, etc.)? Do you have adequate financial and human capital to prepare the case study in collaboration with KCI? We would need additional staff and consulting resources to expand the current work, but it could be highly leveraged given the major investment in the modeling system, assessment, and capacity building program already undertaken.