

## Modelling the implications of socio-economic development of mitigation actions by developing countries

CDKN Project Code AAAP 0011

Project [webpage](#)

Project duration: April 2012 – April 2014

Project value: £ 500,000

The proposal seeks to contribute high-quality information, provided by in-country research organisations, to enable decision-makers to plan a transition to low-carbon and climate-resilient economy and society. In short, it seeks to contribute to climate-compatible development in five developing countries.

Research organisations in Brazil, Chile, Colombia, Peru and South Africa will develop cutting-edge methodologies to link sectoral and economy-wide models, in order to address issues crucial to the development of climate-compatible policy. Achieving both development and climate objectives is a key challenge facing developing countries.

A dedicated research effort will build appropriate modelling tools for each country, with each country team drawing on its existing modelling strengths, contributing to shared learning and learning from others.

<b>Project partners</b>	<ul style="list-style-type: none"> <li>• Energy Research Centre, South Africa (Harald Winkler)</li> <li>• Centro Clima, Brazil (Amaro Olimpio Pereira Junior)</li> <li>• University of Chile (Rodrigo Palma)</li> <li>• Energy Strategic Research Centre,</li> <li>• Universidad de los Andes (Angela Inè Cadena)</li> <li>• Peruvian Amazon Research Institute (Angel Alejandro Salazar Vega)</li> </ul>
<b>Key project impacts</b>	<ul style="list-style-type: none"> <li>• Use of cutting edge methodologies linking sectoral and economy-wide models</li> <li>• Based on South-South collaboration, specifically tailored to meet the needs of developing countries.</li> <li>• High value (£500k)</li> <li>• Wide range of geographical locations - Brazil, Chile, Colombia, Peru and South Africa.</li> </ul>
<b>Fit within CDKN's portfolio</b>	<ul style="list-style-type: none"> <li>• The project fits into the wider CDKN of climate compatible development (CCD). Given its additional attention to achieving efficiency in the energy sector as a way to adapt/mitigate towards CCD, it can also fit into CDKN cluster-focus on energy.</li> </ul>

<b>Research impact</b>	<ul style="list-style-type: none"> <li>• The five research organisations are all part of the Mitigation Action Plans and Scenarios (MAPS) programme and the information generated will feed directly into government-mandated processes, with facilitated participation by stakeholders.</li> <li>• It is further expected that the country working papers and policy briefs, plus the final joint paper reflecting on the overall project results will have a large potential to influence the quality of policy-making in developing countries.</li> </ul>
<b>Thought leadership</b>	<ul style="list-style-type: none"> <li>• Idea that South-South collaboration among research organisations can provide a robust information base for processes specifically for developing countries which are considering MAPS.</li> </ul>
<b>Policy interactions</b>	<ul style="list-style-type: none"> <li>• Designed specifically to aid developing country policy decisions in transition towards a low carbon and climate resilient economy.</li> <li>• Working papers and policy briefs will be targeted at policy makers.</li> <li>• Government departments and research institutions within Latin America have shown support for further work.</li> </ul>
<b>Capacity building</b>	<ul style="list-style-type: none"> <li>• South-South collaboration between institutes from Brazil, Chile, Colombia, Peru and South Africa is proposed, to provide a robust information base for policy-making.</li> <li>• The information generated will be available to facilitated stakeholder process in each country working on low carbon development paths.</li> <li>• Two workshops are envisaged to support capacity building, and a number of working papers and policy briefs will be used to disseminate the outcome in a broader context.</li> <li>• Diverse range of expertise across the board will build capacity for a wide and detailed understanding of key issues.</li> </ul>
<b>Deliverables to date</b>	<ul style="list-style-type: none"> <li>• Project is 24 months and runs March 2012 to March 2014, no deliverables to date.</li> </ul>
<b>Deliverables expected</b>	<ul style="list-style-type: none"> <li>• Initiation workshop</li> <li>• Final workshop</li> <li>• A minimum of five working papers (one per country team)</li> <li>• Five policy briefs</li> <li>• One joint paper incorporating all the research work from the consortium partners.</li> </ul>
<b>CDKN contact</b>	<ul style="list-style-type: none"> <li>• Shehnaaz Moosa: <a href="mailto:shehnaaz.moosa@cdkn.org">shehnaaz.moosa@cdkn.org</a></li> </ul>