

Developing effective M&E systems for adaptation to climate change in India across sectors: challenges and recommendations

Bhatt Wadhawan, Somya

Technical Expert, GIZ, India, somya.bhatt@giz.de

The topic of adaptation monitoring has increasingly gained importance within the face of new and rapidly expanding adaptation portfolios in India. Since 2008 India has prepared a National Action Plan on Climate Change and this has led to sub-national climate change planning culminating into State Action Plans on Climate Change (SAPCC) for 35 Indian states. The concrete financial support to operationalise these plans is still under discussion at the national level. At the national level, the funds are expected to come from the ongoing centrally sponsored schemes and programmes and at state level through state schemes. In addition to that a national adaptation fund has been set up to support implementation of concrete adaptation projects under SAPCC. India is also active towards tapping the International climate change adaptation finance like Adaptation fund board, GEF and green climate fund of UNFCCC. These proposals are already in synergy with the vulnerabilities and subsequent strategies mentioned in the State Action Plan on Climate Change.

So far, no standard climate impact or adaptation monitoring framework exists at national or at state level in India to track SAPCC implementation or monitor the effectiveness of adaptation measures being implemented at local level. What is currently available is the monitoring mechanism of the currently implemented centrally and state sponsored schemes and M&E frameworks for projects endorsed under National and International climate funds. Hence the need to get evidence on the contribution that adaptation measures make to reducing vulnerability to the impacts of climate change becomes important. There is also the need to learn which measures work and which do not and how do the myriad of adaptation activities currently ongoing contribute to the national targets for adaptation. For the purpose of this paper 3 case studies have been studied in linkage with the SAPCCs; one NAFCC (National Adaptation fund for Climate Change) project, one AFB (Adaptation Fund Board) project and one GIZ demonstration project on adaptation to analyse the synergies, current challenges between frameworks for M&E of adaptation at national, sub-national and local level. The analysis also develops recommendations to plan an adaptation project and set up an M&E system using the GIZ five-step approach for adaptation M&E. The approach helps in identifying adaptation additionality and the formulation of adaptation-specific indicators that can be used for M&E of adaptation in India.