



CLIMATE CHANGE MITIGATION AND ADAPTATION

CASE STUDY/INSIGHT

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Global warming is unequivocal across the globe. The climate change due to global warming, will have a wide impact on the environment and socio-economic sectors, including water resources, agriculture and food security, human health, terrestrial ecosystems, biodiversity and coastal zones.

To fight against climate change, the international community is taking action through mitigation and adaptation techniques. The climate change mitigation and adaptation are complementary approaches for reducing risks of climate change impacts over different time scales. These techniques looks similar, but they demonstrate very different things. Climate change mitigation measures will avoid and/or reduce GHG emissions; whereas, the climate change adaptation techniques will take the right measures to reduce the negative effects on environment by making appropriate adjustments and changes.

The effective implementation of climate change mitigation and adaptation measures will require a transformative energy and environmental policies, action plans and substantial financial resources to lead towards a low carbon economy. Currently, the countries with different capacities are facing various challenges in implementing the policies and action plans. However, in cooperation with the international communities, the countries are building their capacity, enabling resources and laying down foundation for a sustainable development.