



## **IPCC Climate Change 2013: Mitigation of Climate Change – Key Findings and Lessons Learned**

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The Working Group III contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change, *Mitigation of Climate Change*, examines the results of scientific research about mitigation, with special attention on how knowledge has evolved since the Fourth Assessment Report published in 2007. Throughout, the focus is on the implications of its findings for policy, without being prescriptive about the particular policies that governments and other important participants in the policy process should adopt. The report begins with a framing of important concepts and methods that help to contextualize the findings presented throughout the assessment. The valuation of risks and uncertainties, ethical concepts and the context of sustainable development and equity are among the guiding principles for the assessment of mitigation strategies. The report highlights past trends in stocks and flows of greenhouse gases and the factors that drive emissions at global, regional, and sectoral scales including economic growth, technology or population changes. It provides analyses of the technological, economic and institutional requirements of long-term mitigation scenarios and details on mitigation measures and policies that are applied in different economic sectors and human settlements. It then discusses interactions of mitigation policies and different policy instrument types at national, regional and global governance levels and between economic sectors,

The Working Group III report comprises 16 chapters and in assembling this assessment authors were guided by the principles of the IPCC mandate: to be explicit about mitigation options, to be explicit about their costs and about their risks and opportunities vis-à-vis other development priorities, and to be explicit about the underlying criteria, concepts, and methods for evaluating alternative policies.