

Integrated Climate Change Strategies of Industrialized Countries

Katia Simeonova and Harald Diaz-Bone

United Nations Climate Change Secretariat, Bonn, Germany
Corresponding author: <KSimeonova@unfccc.int>

The paper provides an overview of the evolving climate change strategies, which industrialized countries have in place to combat climate change and to comply with their quantitative commitments under the Kyoto Protocol. It links the past policy performance with the historical level of greenhouse gas emissions and indicators of policy performance such as energy intensity and carbon intensity between 1990 and 2000.

It presents the new and integrated approach to climate policy formulation and implementation based on a portfolio approach, choosing a mix of policies and measures that helps to achieve the needed emission reduction, while meeting a complex set of other criteria, including cost effectiveness, distributional impacts, social inclusiveness, competitiveness of industry and commercial opportunities, human health and welfare, acceptability to various stakeholders, and effects on behavior changes attitudes and awareness.

The paper outlines the portfolios of policy instruments used by the industrialized countries in their evolving climate change strategies and approach towards widening the scope and increasing the coverage of the policy instruments to all sectors and all gases.

Abstract for the International Energy Workshop
jointly organized by the
Energy Modeling Forum (EMF), International Energy Agency (IEA) and IIASA.
24-26 June 2003 at IIASA Conference Center, Laxenburg, Austria