

The GTAP Advisory Board Meeting, April 2000
US Environmental Protection Agency (US EPA)

GTAP related activities of US EPA

The US EPA's Office of Economy and Environment has recently reorganized into the National Center for Environmental Economics. An effort continues to analyze the Montreal Protocol on Substances that Deplete the Ozone Layer using the GTAP database. The modeling platform was initially based on the static GTAPinGAMS framework, but has since shifted to a recursive dynamic CGE model better suited to the long time horizon of the treaty. The model introduces imperfect competition on the production side and investigates the use of tradable CFC quotas across countries and industries. In a separate exercise, it revisits the EPA's prospective cost analysis of a CFC phase-out, by inputting the original EPA cost estimates into the model in order to assess the improvement in results when using a general, versus a partial, equilibrium approach.

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