

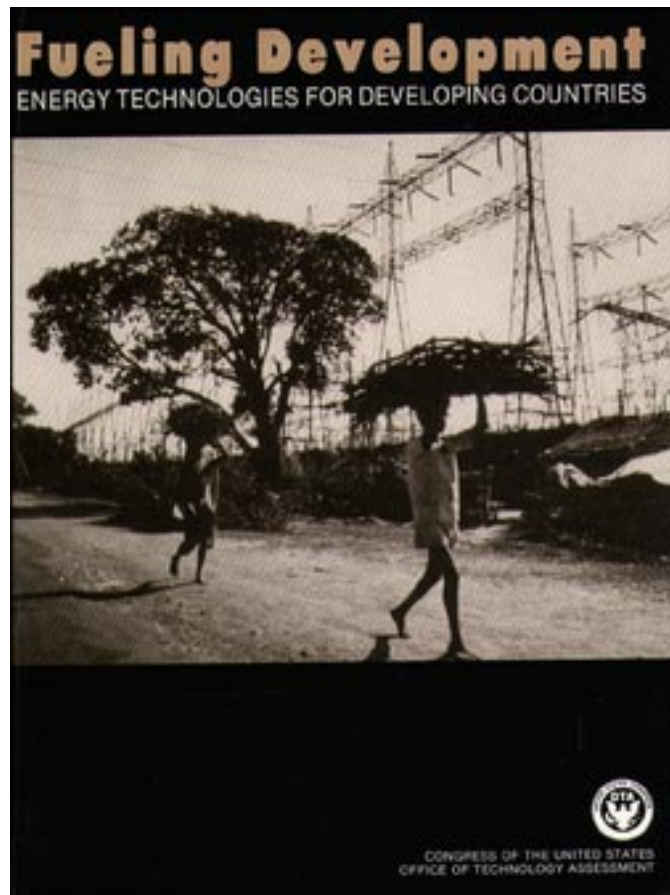
*Fueling Development: Energy Technologies
for Developing Countries*

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Foreword

This report examines the delivery of energy services in developing countries and how the United States can help to improve these energy services while minimizing environmental impacts. OTA examines the technologies and policies that will enable more efficient use of energy and the most promising new sources of energy supply. This assessment was requested by the Senate Committee on Governmental Affairs; the House Committee on Energy and Commerce and its Subcommittee on Energy and Power; the Subcommittees on Human Rights and International Organizations and on Africa of the House Committee on Foreign Affairs; the Subcommittee on International Development, Finance, Trade, and Monetary Policy of the House Banking Committee; and individual members of the Senate Committee on Environment and Public Works, the House Select Committee on Hunger, and the Congressional Competitiveness Caucus.

Such extensive congressional interest is certainly warranted. American economic, political, and environmental self-interest lies in developing healthy relationships with these present and potential trading partners and allies. Furthermore, the developing world will require our close attention for decades to come. Based on present trends, 90 percent of the expected world population growth over the next 30 years will occur in the countries of Africa, Asia, and Latin America, bringing their population to almost 7 billion. Energy will play an indispensable role in raising the economic status of these people.

This report builds on the analysis presented in the interim report of this assessment, *Energy in Developing Countries*, which OTA published in 1991. The assessment, as a whole, takes abroad look at energy options and opportunities in the many countries of the developing world. It finds that there are many valuable lessons that developing countries can learn from the prior experiences of the United States and other industrial countries.

In the course of this assessment, OTA drew on the experience of many organizations and individuals. In particular, we appreciate the generous assistance of our distinguished advisory panel and workshop participants, as well as the efforts of the project's contractors. We would also like to acknowledge the help of the many reviewers who gave their time to ensure the accuracy and comprehensiveness of this report. To all of the above goes the gratitude of OTA, and the personal thanks of the staff.


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NOTE: OTA appreciates and is grateful for the valuable assistance and thoughtful critiques provided by the advisory panel members. The panel does not, however, necessarily approve, disapprove, or endorse this report. OTA assumes full responsibility for the report and the accuracy of its contents.

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