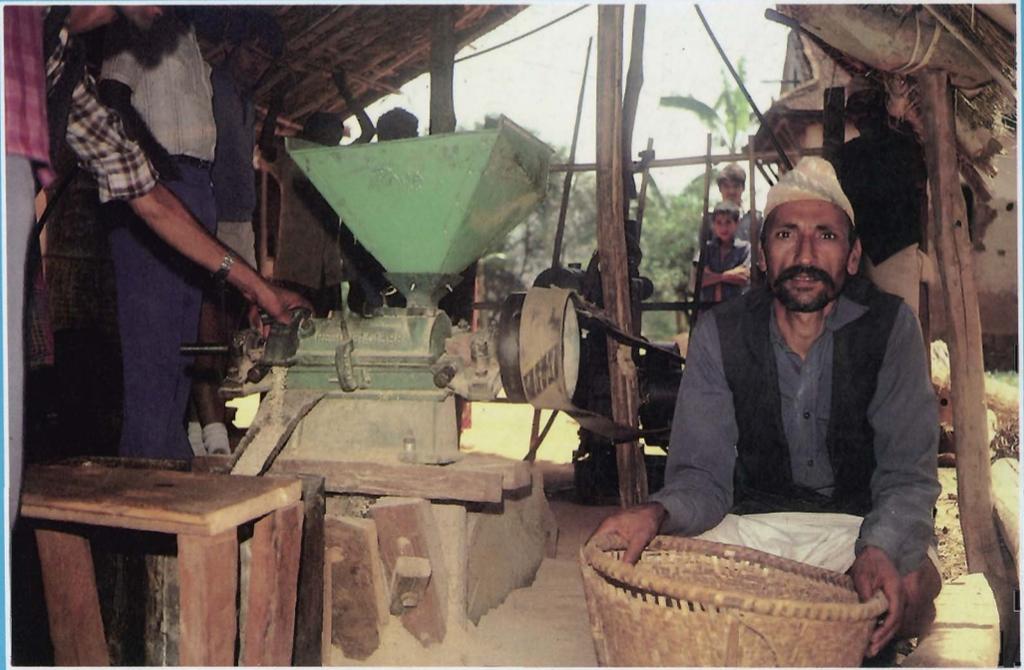




ENERGY FOR MOUNTAIN DISTRICTS

Report of the

**International Workshop on District Energy Planning
and Management for Integrated Mountain Development**



**Organised by the International Centre for
Integrated Mountain Development**

**ICIMOD
Kathmandu
3-5 May 1986**

ICIMOD PHASE I Workshop Series

The International Centre for Integrated Mountain Development began professional activities in September 1984, with the first objective of reviewing development and environmental management experience in the Hindu Kush - Himalaya Region. An International Workshop was planned for each of four major fields to review the state of knowledge and practical experience, and also to provide an opportunity for the exchange of professional expertise with regard to integrated mountain development.

ICIMOD completed Phase I activities in June 1986, having held :

- o the International Workshop on Watershed Management in the Kush - Himalaya -- Chengdu, China, 14 to 19 October 1985
- o the International Workshop on Planned Urbanisation and Rural Urban Linkages in the Hindu Kush - Himalaya Region -- Kathmandu, Nepal, 25 to 29 March 1986
- o the International Workshop on District Energy Planning and Management for Integrated Mountain Development -- Kathmandu, Nepal, 3 to 5 May 1986
- o International Workshop on Off - Farm Employment Generation in the Hindu Kush - Himalaya -- Dehra Dun, India, 17 to 19 May 1986

These Workshops were attended by over two hundred experts from the countries of the Region, in addition to concerned professionals and representatives of international agencies. A large number of professional papers and research studies were presented and discussed in detail. With the permission of the authors, copies of papers in full will be supplied on request, with a charge to cover reproduction and postage costs.

In September 1986, ICIMOD published four summary Workshop Reports. Each is intended to represent the conclusions reached at the Workshop and does not necessarily reflect the views of ICIMOD or other participating institutions.

Copies of the reports are available upon request from :

The Publications Unit
International Centre for Integrated Mountain Development (ICIMOD)
G.P.O. Box 3226
Kathmandu
Nepal

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International Centre for Integrated Mountain Development
Kathmandu, Nepal

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In the preparation of this report an attempt has been made to reflect the views and interpretations expressed by the participants at the Workshop. These views and interpretations are not attributable to the International Centre for Integrated Mountain Development (ICIMOD), and do not imply the expression of an opinion concerning the legal status of any country, city, or area of its authorities, or concerning the delimitation of its frontiers or boundaries.

Foreword

After substantial preparatory work by an ICIMOD staff team during 1985, in close cooperation with collaborating institutions in India, China, Pakistan, Nepal, Bhutan, and Bangladesh, an International Workshop on District Energy Planning and Management was organised to review experience in this field throughout the Hindu Kush-Himalaya Region, and to design an international collaborative programme of integrated research, training, and information exchange. One of the first results of this Workshop is this summary Workshop Report, to be followed by an Occasional Paper, prepared by Dr. Deepak Bajracharya, based directly on the Workshop discussions, and the publication, jointly with the Tata Energy Research Institute in Delhi, of collected papers on rural energy planning in the Indian Himalaya. The major long-term consequence of the Workshop will be the implementation, under ICIMOD coordination and with significant financial support from the Commission on Development Aid of the European Communities, of a programme of regional collaboration on District Energy Planning and Management in mountain districts with emphasis on the development of effective training on rural energy programmes for district level professional and technical staff.

Our thanks are due to those professionals throughout the countries of the Region -- and from the international agencies and academic institutions much further afield -- who prepared papers for this important Workshop and participated so enthusiastically in its deliberations. Our particular thanks are due to the Royal Government of Bhutan for its generous offer of hospitality for this International Workshop, and directly to the Workshop Organising Committee chaired by Ugyen Tsering of the Planning Commission of the Royal Government of Bhutan, with Lakpa Tsering, Director of the Science and Technology Division and Member of the ICIMOD Board of Governors, as its member-secretary.

It was a special pleasure to all of us that Dr. Ratna S. J. B. Rana, Vice-Chancellor of the Royal Nepal Academy of Science and Technology and Chairman of the Board of Governors of ICIMOD, inaugurated the Workshop with a characteristically stimulating Opening Address.

Finally, a special acknowledgement is due to all the organising staff of the Workshop for their exceptional efforts, and most particularly to Dr. Deepak Bajracharya, Dr. Binayak Bhadra and Vinod Kumar for the preparation of this Workshop Report.

Colin Rosser
Director

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