



UNITED NATIONS
INTERNATIONAL RESEARCH
AND TRAINING INSTITUTE FOR
THE ADVANCEMENT OF WOMEN
INSTRAW

WOMEN New and Renewable Sources of Energy

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MODULAR
TRAINING
PACKAGE
1990



INTERNATIONAL CENTRE FOR
ADVANCED TECHNICAL
AND VOCATIONAL TRAINING
TURIN

Women and New and Renewable Sources of Energy

Multi-Media Modular Training Package

In accordance with the expressed needs of developing countries and with the programme of action adopted at the United Nations Conference on New and Renewable Sources of Energy (NRSE), Nairobi 1981, and the Nairobi Forward-looking Strategies for the Advancement of Women 1985, the modules aim at promoting the integration of women's needs and their participation in energy project planning and implementation, paying special attention to the development and use of NRSE. The production of the training packages was made possible by a generous financial contribution from the Government of Italy.

The training package on "Women and NRSE" reflects INSTRAW and ILO/TURIN Centre work in this area. It is based on materials from other United Nations bodies and agencies, as well as decisions and recommendations from various meetings attended and/or organized by INSTRAW, both within and outside the United Nations system, to whom INSTRAW is highly indebted.

The training packages have been field tested in the developing countries, and are designed to suit national needs. The modular programme enables training in-situ and provides a practical "how-to" approach.

TARGET GROUPS

The training package on "Women and New and Renewable Sources of Energy (NRSE)" is aimed at two different target groups: development planners, senior officials from ministries of energy, and other governmental and non-governmental organizations involved in the development and management of energy programmes and projects on the use of NRSE and senior officials of women's organizations and institutions at national, regional and international levels.

COST

Modular Structure

The modules consist of a package containing all the information, examples, exercises, audio-visual and central aids necessary for:

- the trainer to deliver a lesson or conduct training activities;
and/or
- the trainee to analyse, reinforce and apply the theoretical concepts learned during training sessions;
and/or
- the professional and serve as a self-learning reference material to upgrade knowledge and skills related to effective integration of women in NRSE projects and programmes.

To reduce the learning time and improve learning efficiency, whilst maintaining the user's strong motivation, the text of the module contains only that information and those activities considered essential for the achievement of the training objectives.

Each modular unit is comprised of five components:

1. A description of the general and specific objectives of the package and the main characteristics of the target groups.
2. A written text to prepare the lesson/presentation. Additional readings for users without access to reference bibliographies. A glossary and a detailed bibliography.
3. Tools for feedback control in each modular unit. A key-issue checklist to discuss the major points presented in the unit. An evaluation form.
4. A trainer/users guide including a generalized lesson plan, instructions and aids for the organization and conduct of a training session. Lists within the requisite hardware, documents and audiovisual aids.
5. Audiovisual aids: transparencies, sound-slides which can be used separately for very short sensitization sessions.

Modular System-How To use It?

- A friendly user's guide contains information on how-to use modules; how-to conduct training seminar from planning phase till evaluation; pedagogical scheme, modular structure; list of necessary equipment.
- The module is produced to stand on its own without any further input from external sources. Each module comprises a topic given in audio-visual or printed form to facilitate both teaching and learning, together with a "User's Guide" for the trainer/lecturer. Beginning with specific objectives, the guide then describes the activities of both the trainers and the learners.
- The module contains a course covering the subject area, and clear instructions are given with each session. The local trainer can co-ordinate lectures with sound-slide packages which are provided in the accompanying package.
- The modules are not uniformed but can be adapted to the specific circumstances of each local community or target groups. In other words, it is possible to adjust the modules to fit different training tasks.
- The flexibility of this training package is assured by a parallel activity enabling the training of two different target groups simultaneously, and the use of modular training materials which permit users to adapt the latter to the audiences' own need.

List of Module Titles

MODULE EWI: An Overview of United Nations Activities in New and Renewable Sources of Energy (NRSE) - 142 pages, 11 transparencies, sound-slide package "Women and NRSE" (10' 15" - 57 slides).

MODULE EWII: The Role of Women in NRSE - 181 pages, 34 transparencies.

MODULE EWIII: Relevant NRSE Systems: Characteristics and Technology - 108 pages, 37 transparencies, sound-slide package "An Overview of NRSE Application" (10' 30" - 52 slides)

MODULE EWIV: NRSE Projects and Programmes: Design and Implementation - 239 pages, 19 transparencies.

MODULE EWV: Education and Training Activities in NRSE Projects - 87 pages, 6 transparencies.



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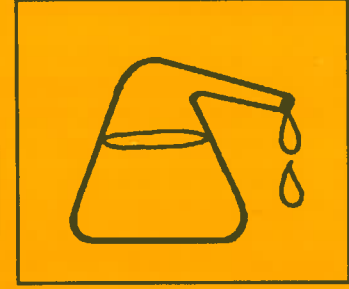
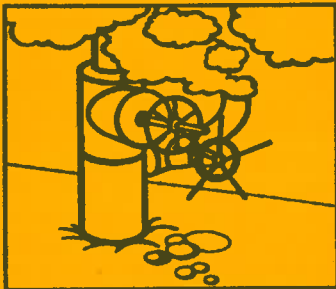
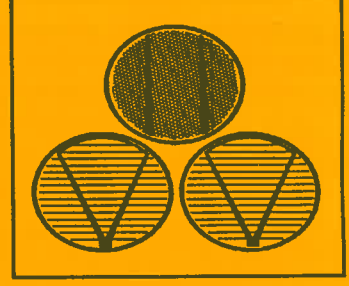
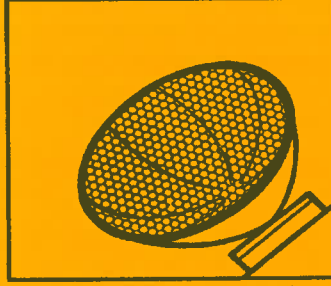
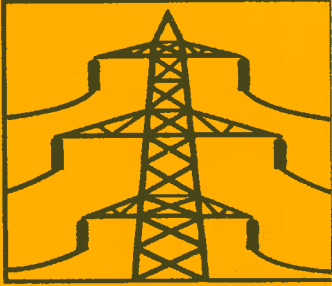
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COOPERAZIONE
ITALIANA

PRODUCED WITH THE FINANCIAL SUPPORT OF THE GOVERNMENT OF ITALY