



Product Booklet


PRACTICAL ANSWERS

We make your life easy

PRACTICAL ACTION

Intermediate Technology Development Group





*Right Knowledge at right time to
make the world eco-friendly, poverty
free and sustainable*

CONTENT

OUR PRODUCTS

Cost-effective Housing
Home Gardening
Rainwater Harvesting
Compost Bins
Solar Power
Solar Cooker
Solar Dryer
Solar Pump
Hydro Power
Bio-Gas
Wind Power
Bicycle Trailer

OUR SERVICES

Training Programmes
Awareness Programmes



COST-EFFECTIVE HOUSING

Shelter is a basic need for all. Yet, why is it that a basic shelter of four walls and roof is mere dream for most of us? We offer a selection of cost-effective, eco-friendly, disaster mitigating, and alternative housing technologies that will make your dream a reality.



COMPOST BINS

Home composting is not a new technology and it has been practiced for many years around the world, as a simple and low-cost solution to manage household organic waste productively. We have an affordable technology that has been successfully tested in urban and rural communities.



RAINWATER HARVESTING

An adequate, clean drinking water supply is essential in life. Millions of people throughout the world yet do not have access to this basic necessity. Rainwater harvesting is an option that has been adopted in many areas of the world; a tested technique that can serve humans now and in the future. We have expertise in storing and using harvested water for drinking and agriculture.



HOME GARDENING

Organic home gardening provides simple, easy-to-follow instructions for developing an organic garden and provides your family with safe, highly nutritious vegetables and fruits.



SOLAR POWER

Modern energy is completely inaccessible to many people in developing countries, and thereby poses pertinent problems daily. The most powerful and reliable natural energy resource is the sun. Solar technology uses this to provide communities with the electrical energy they need.



SOLAR COOKER

You can use the sun's energy to cook a tasty meal economically using a solar cooker with raw materials easily found. A solar cooker can also heat up water or food.



SOLAR DRYER

Dry fish is an important source of fish used in most households. The traditional drying of fish has its own disadvantages, but using a solar dryer has made it possible to reduce the disadvantages and increase productivity.



SOLAR PUMP

In drought-affected areas, women must walk miles to find water, risking violence or animal attack, in order to sustain their families. Using the overabundance of tropical sunshine throughout the year, our solar pump draws water from a 100-metre-deep well, providing water to rural communities.



HYDRO POWER

We promote, and provide technical guidance to small-scale hydro schemes that generate up to 500 kilowatts of power. The micro-hydro station, which converts the energy of flowing water into electricity, provides poor communities in rural areas with an affordable energy system that is easy to maintain and provides a long-term solution to meet their energy needs. Pico hydro for smaller groups is also available.



BIO GAS

Bio gas is a fuel generated from organic waste such as animal dung, kitchen and garbage waste etc. The gas can be used for cooking, lighting and powering conventional vehicles. The gas can also be burned in a generator to produce electricity. The liquid slurry from bio gas digesters is a quality organic fertilizer.



WIND POWER

In developing countries wind turbines can produce enough power to meet the needs of one or two households by charging batteries which supply electrical power for lighting and radios. We have experience and expertise in this field.



BICYCLE TRAILER

In villages surrounded by flat topography, journeys to markets and hospitals can be long. Yet even in the poorest villages, people have bicycles. We build a bicycle trailer to transport goods to market.

TRAINING PROGRAMMES

GENDER
RELATED
TRAINING

LIVELIHOOD
RELATED
TRAINING

DISASTER
MANAGEMENT
TRAINING

WASTE
MANAGEMENT
TRAINING

ENERGY
RELATED
TRAINING

LEADERSHIP
TRAINING

EVENT
MANAGEMENT

ENERGY
AUDITS

**OTHER
SERVICES**

COMPUTER
SECURITY &
NETWORKING

NANO
AWARENESS
PROGRAMMES

LAGOON
MANAGEMENT

CLIMATE
CHANGE
MITIGATION

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