

The City Government of Davao
and
APPROTECH ASIA
(The Asian Alliance of Appropriate Technology Practitioners, Inc.)
With Technical Assistance from
ARECOP
(The Asia Regional Cookstove Program)

First Announcement

INTERNATIONAL TRAINING WORKSHOP
ON
IMPROVED KILN CONSTRUCTION

June 21-28, 2006
Davao City, Philippines

And

INTERNATIONAL TRAINING WORKSHOP
ON
**ADVANCED CHARCOAL & BRIQUETTE
PRODUCTION**

August 9-18, 2006
Davao City, Philippines

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International Training Workshops on
**KILN CONSTRUCTION AND
ADVANCED CHARCOAL AND BRIQUETTE PRODUCTION**
With
The City Government of Davao

Rationale

With the constant increase in the cost of fossil fuel and LPG, the greater number of the population relies on charcoal and biomass resources for cooking, boiling water at the household level and in food processing micro-business. The small, medium and even large business that need energy competes with the poor people in the use of charcoal and biomass for their energy needs. Hence, the number of people engaged in charcoal-making has significantly increased. In our random survey, these charcoal producers use old, crude and inefficient method of making charcoal. They also indiscriminately cut trees for charcoal because of the market demand and the increase in prices. In the process, we destroy the trees, the forest, the environment yet we produce low-grade charcoal that produce smoke in the kitchen that causes acute respiratory illness, cataract, tuberculosis, chronic obstructive lung disease, still birth, among others.

While campaigning for indoor air quality, health and environmental protection, the Improved Cookstove Program in the Philippines (ICS-P) produces, promotes and market improved cookstove (ICS) with high heat efficiency along with improved fuel, such as fuelwood, charcoal, briquette, biogas from rice hull, among others, for household and business use.

Approtech Asia proposes the state-of-the-art kiln, the first in the country, in Davao City, where Davaoeños will pioneer advanced charcoal and briquette production in the country and host the international training workshop in August 2006. The charcoal production method will produce wood vinegar used as ingredient for human and animal medicine which will cost more than the charcoal and imported by Japan, Taiwan and Korea. The charcoal product is highly efficient and of good quality using twigs and branches while the briquette will be made from corn husks and cobs, rice hulls and straws, dried leaves, and other wasted biomass. We clean the city and the environment and make money out of otherwise wasted resources.

Objectives

1. To construct and host the international training workshop on the state-of-the-art kiln construction in June and host the international training workshop on advanced charcoal and briquette production in August 2006.
2. To enhance the skills of charcoal producers and generate more employment or business.
3. To make Davao City the center of training for kiln construction, charcoal and briquette making and destination for “*Lakbay Aral*” (government and local government project on site-visits to technologies and successful

projects) and other environmental groups interested to learn the technology.

Dates and Duration:

Kiln Construction, June 21-28, 8 days

Advanced Charcoal and Briquette Production, August 9-18, 10 days

Number of Participants

Kiln Construction, 15 participants (first come, first served basis)

Advanced Charcoal & Briquette Production, 25-39, by invitation

Invited countries:

Asia: Southeast and South

Africa (selected countries)

Latin America (network members)

Methodology:

Hands-on experience with theory and discussions