



News from IEI's Asian Regional Initiative in Bangalore – December 2016

Handbook on “Banana plantations and clean cook-stove fuel”

We had prepared a handbook “Banana plantations and clean cook-stove fuel”, in order to provide, at one location, the relevant information for the implementation of integrated banana-growing and biogas-generation systems. The information is based on our project experiences with banana cultivation and the use of its waste for biogas-generation, as well as applied research. Accordingly, the handbook provides approximations used in the field (with corresponding photographs), and also helpful hints and precautionary measures. Where necessary, theoretical explanations are provided, for example, what biogas is, what the anaerobic digestion process



consists of, what biogas-fuelled stoves require, and so on. The possible payment options are also briefly explained. References are provided for those interested in further details. It is intended to be the first of a series on *Sustainable farming systems integrated with energy from waste*.

To facilitate printing and access to the handbook, it has recently been converted to a print-ready format. An outline is available at <http://iei-asia.org/IEI-Handbook-Bananas&CleanCookstoveFuel-Outline.pdf>. For further information, please contact us at ieibl@iei-asia.org.

Knowledge pool for implementing sustainable rural energy services

We are developing a *knowledge pool* or *database* of information that would be useful for *sustainable and efficient rural energy service delivery*, particularly those *derived from local renewable resources*.

The purpose is to gather details based on experiences in the field and thereby facilitate the effective increase of sustainable rural energy services. Accordingly, the collation will focus on actual projects, including both successes and failures, with possible solutions to the problems encountered. While there is valuable experience in diverse parts of India and other similar developing countries, the benefits have not yet been translated to larger-scale practice. Hence, relevant information collected at IEI-Asia project sites and from other practitioners will be analysed and documented for use.

Those interested in contributing to the proposed knowledge pool may please contact us at ieibl@iei-asia.org.