

WORKSHOP ON RENEWABLE ENERGY APPLICATIONS FOR RURAL POPULATION

22 October - 26 October 2007
Danau Golf Club, UKM

Introduction

Energy is required in almost all aspect of every day life of life including agricultural, drinking water, lighting health care, telecommunication, and industrial activities. Presently, the demand of energy is met by fossil fuels (i.e. coal petroleum and natural gas). However, the world fossil fuel production, beginning with petroleum and natural gas, will soon start to decline. Renewable energy sources, such as solar, ocean thermal, wind, currents, tides, waves, geothermal etc., are being considered as possible sources of energy to meet the growing demand. Solar energy and wind energy for instants are the world's most abundant permanent source of energy and are also an important and environmentally compatible source of renewable energy. Moreover, the use of non-renewable fuels, such as fossil fuels have many side effects. Their combustion products produce pollution, acid rain and global warming. Conversion to clean energy sources such as solar energy would enable the world to improve the quality of life throughout the planet Earth, not only for humans, but also for its flora and fauna as well.

Objectives of the workshop

- (a) to create awareness among policy makers and others on the concept of sustainable technology such as renewable energy
- (b) to introduce the various renewable energy technologies such as solar, wind, biomass and its potential applications
- (c) to present the state of the art review on renewable energy technologies
- (d) to present national and international perspectives on the applications and policy on renewable energy

Organised by:

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