

A WIDE RANGE OF EXPERIENCE WITH RURAL ELECTRICITY ENABLING CKN TO TACKLE RENEWABLE ENERGY WITH OPTIMISM



We have two electricity companies such as shown here. We know how to assemble generators and control-compensation-synchronization cabinets, we know how to install electric grids, how to do the maintenance and repair... We have the experience with villagers in the company/client framework, and we are familiar with the practice of the



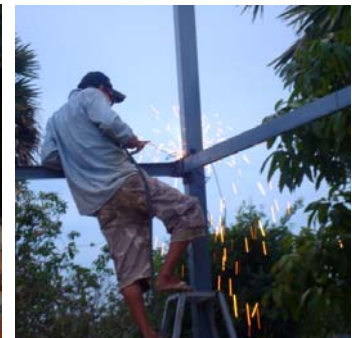
We have installed SHS, solar pumps... and photovoltaic grid for a village. We will soon acquire a good experience with solar energy, even also knowing how to make ourselves electronic charge controllers.



We have introduced in an original way, adapted to the Cambodian society, the mobile training of rural electrician-entrepreneurs. It is a very rich experiment/experience to quickly develop rural electricity. The entrepreneurs have put into practice their newly acquired knowledge and have therefore better managed



We know how to make led lamps, battery chargers... for energetic efficiency. Those lamps could replace the oil lamps in poor villages (PROSEED program of ESF). Research and development is necessary. We are in need of equipment enabling us to make electronic circuits and circuits ourselves.



But the most important of all is that we are a Training Center, training students to work (they do everything), and to solidarity and community spirit. This gathering is a force which will allow us to undertake efficiently any works project, as rural electrification, industrial maintenance...

2^d CKN CENTRE



CKN is building a new Center at 27km from Phnom Penh for its extension. Next to this Center is a village where we are experimenting on solar energy production and distribution. We will also later test the gasifier there.

CKN GASIFIER



In Phnom Penh is located our gasifier facility. We will turn it into a production and experimentation center for future gasifiers. We will install there equipment and a production workshop. We will enlarge it if necessary.



The CKN training put a triple stress on theory, applied technique and work, so that students can integrate with valuable professional skills in companies and industry. Almost all of our facilities have been installed and completed by our students and trainers. Our trainers are all trained by CKN.

The following pictures show our experience in biomass, which we set up ourselves, and which produced preliminary results, very interesting as well as very encouraging.

Other priorities and a lack of funding put this project in stand-by, but we will get back to it soon with a well acquired experience.



For all the gasifier line... the whole installation was achieved by our students and trainers: the building, the mechanical part, the electrical part, the generator

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CKN is not indifferent to it