


**SOLAR ENERGY TECHNOLOGY**





**The role of the User in a PV Solar System**

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14-18 June 2010  
Jakarta  
Indonesia

Training Course on Renewable Energy Part II - MEMR  
CASINDO

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**User Training**



- Explain what you are doing
- Explain how the components work
- Review the manual with the user
- Ask if people have questions
- Do not overload people with information
- People learn by doing

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**Communication: the 710 cap**






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**User Awareness**






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**User Awareness**

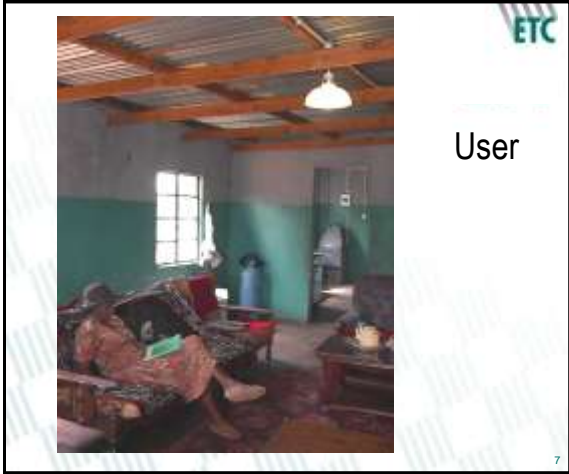



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**Users**

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User

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PV for Institutional Use

- Clinics
- Schools
- Police Stations
- etc.



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User

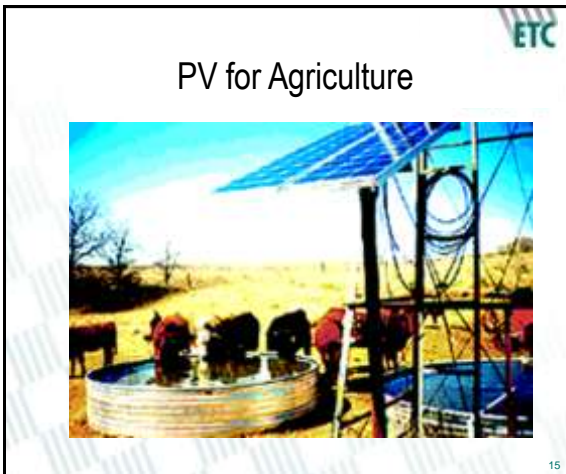
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User



Users



PV for Agriculture

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User Training

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**Advantages and Limitations of SHS**

<p><i>Advantages</i></p> <ul style="list-style-type: none"> <li>• No fuel required</li> <li>• Quite and clean</li> <li>• Little &amp; easy maintenance</li> <li>• Can be expanded</li> <li>• Often more economic</li> <li>• Good quality light</li> <li>• Safer than candles or paraffin</li> </ul>	<p><i>Limitations</i></p> <ul style="list-style-type: none"> <li>• High initial costs</li> <li>• Low power supply</li> <li>• Maybe problems during rainy season</li> <li>• Requires user load management</li> <li>• DC appliances are not always available</li> </ul>
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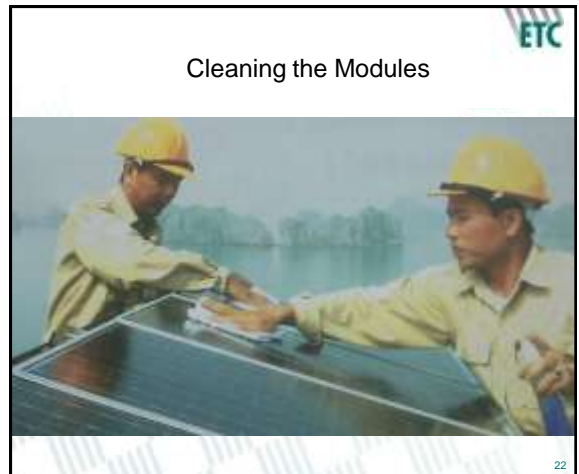
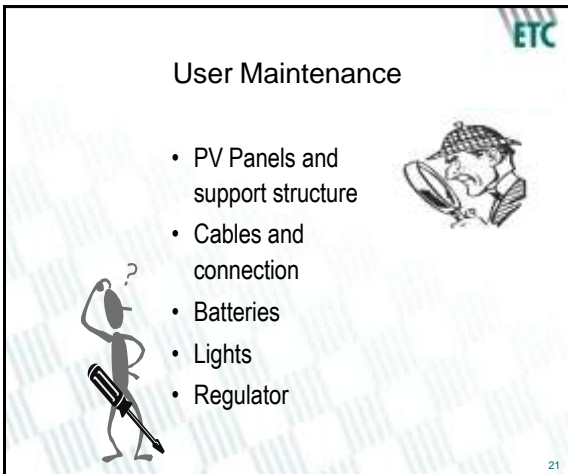
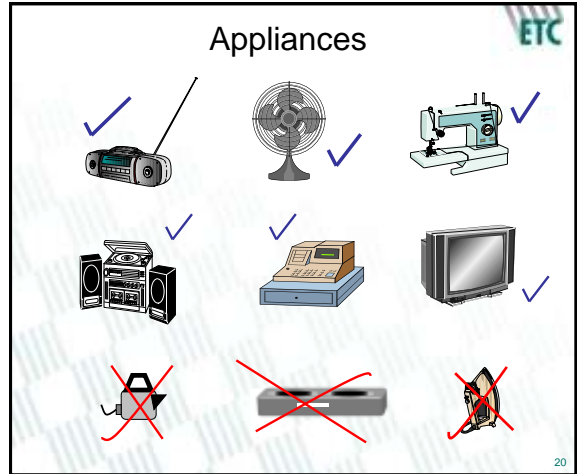
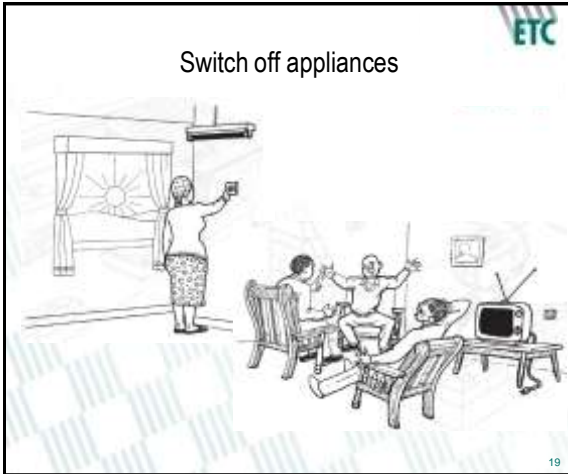
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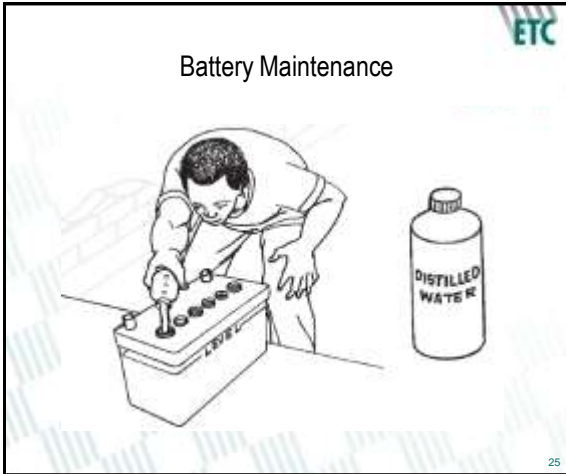
**User Training**

Save Energy

How to connect

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**USER NOTICE FOR YOUR SOLAR SYSTEM**

Your system can operate the following appliances for a limited period each day:

TYPE	LOCATION	MAXIMUM DURATION PER DAY USE
Lamp 5 W	Kitchen	3 hours
Lamp 5 W	Bedroom	2 hours
Lamp 5 W	Living room	4 hours
Radio-cassette	Living room	5 hours

- Respect the maximum duration of use for each appliance listed above.
- Switch off appliances (lamps, radio, etc.) and the inverter when not in use.
- Monitor the regulator indicators regularly.

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**Monthly maintenance**

- > Check the level of electrolyte in the battery, add DISTILLED WATER if required. NEVER ADD ORDINARY WATER OR ACID.
- > Ensure that the battery connectors are tight and clean.
- > Clean the solar modules with clean water and a soft cloth.
- > Keep the modules free from any surrounding shade.
- > Never put anything on the surface of the modules.

**WARNING!**  
Keep your solar system clean and Do not add any extra appliances without asking your solar technician

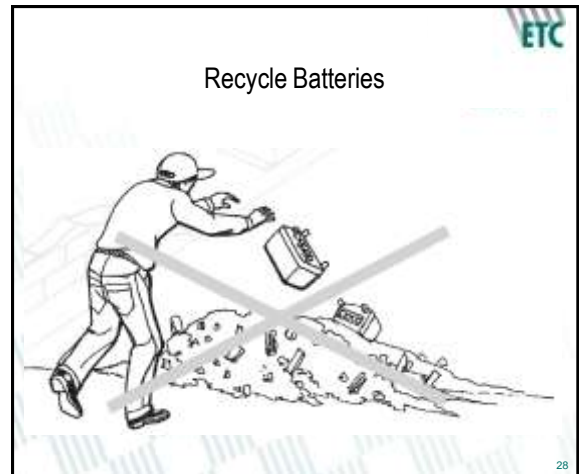
In case of problem, contact us:

**CAREFUL USER = LONG LASTING SYSTEM**

System installed by: \_\_\_\_\_ installation date: \_\_\_\_\_

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**QUESTIONS ?**

Illustration of two stick figures. One has a question mark above its head, and the other has a lightbulb above its head.

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