

ANNEX III. PROJECT IDEAS

PROJECT IDEA NOTE 1: Promoting energy efficient lighting through demonstration and outreach

Sector	Energy
Subsector	Energy Efficiency
Technology name	Compact Fluorescent Lamp (CFL)
Project name	Promoting energy efficient lighting through demonstration and outreach
Background	About 80% of the Cambodian population live in rural areas and 75% of households have no grid electricity. Energy efficient lighting is commercially available in the local markets; however, low awareness of the technology's benefits and higher cost when compared with less efficient alternatives are significant barriers.
Purpose and objectives	<ul style="list-style-type: none"> - To increase public awareness of energy efficient lighting and its benefits - To demonstrate energy efficient lighting practices at the household level
Relationship to national sustainable development objectives	<ul style="list-style-type: none"> - Reduce energy consumption and ensure energy security - Reduce GHG emissions - Improve livelihoods and reduce poverty
Project deliverables	<ul style="list-style-type: none"> - Awareness and training materials produced - Number of people reached or trained on energy efficient lighting - GHG emission reductions
Project scope	<ul style="list-style-type: none"> - Target beneficiaries are residential households - Project site in Kandal Province
Timeline	3 years
Budget/resource requirements	US\$600,000
Measurement/Evaluation	<ul style="list-style-type: none"> - Number of energy efficient lamps distributed - Amount of GHGs reduced - Number of trainings and public awareness campaigns achieved - Behaviour changes of local people towards energy efficiency
Challenges	<ul style="list-style-type: none"> - Low public awareness - Low public participation and interest - No labelling in Khmer of energy efficient lamps - Lack of financial support
Responsibilities and Coordination	Ministry of Environment, Ministry of Industry, Mines and Energy, Universities