

PROJECT IDEA NOTE 4: Promoting research and development in low cost energy efficient household appliances

Sector	Energy
Subsector	Energy Efficiency
Technology name	Household energy efficient appliances
Project name	Promoting research and development in low cost energy efficient household appliances
Background	All of the electric appliances sold in Cambodia are imported from abroad since there is no local production capacity. Due to low market demand, there have been limited local private investments in the sector. The project promotes research and development activities in research institutions, universities, NGOs towards the development of low cost energy efficient appliances made in Cambodia.
Purpose and objectives	<ul style="list-style-type: none"> - To encourage research and development activities associated with energy efficient appliances in Cambodia - To capitalize on local research and development capacity for the development of affordable energy efficient appliances
Relationship to national sustainable development objectives	<ul style="list-style-type: none"> - Support the NSDP (2009-2013) in promoting energy efficiency and national energy security - Promote energy efficient appliances which lead to low carbon development
Project deliverables	<ul style="list-style-type: none"> - Publications of the research findings - Institutional capacity building and institutional strengthening at research and academic institutions
Project scope	- Household electric appliances
Timeline	3 years
Budget/resource requirements	US\$1 million
Measurement/Evaluation	<ul style="list-style-type: none"> - Number of household appliances designed and developed - Number of research publications completed - Number of institutions and firms involved in research and development
Challenges	<ul style="list-style-type: none"> - Participation and interested from research institutions, local NGOs and private sector firms - Limited local technical capacity to conduct product research and development
Responsibilities and Coordination	MOE, MIME, Universities, NGOs, research institutions, private companies