

RENEWABLE ENERGY WORKSHOP MRC, 24-25 July 2006

Lessons from Experiences on
Awareness Raising on the Electricity
Saving

*A Pilot Project on Climate Change & Sea Level
Rise at Grand River South East, Mauritius
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Renewable Energy & Mauritius Strategy

1. Perspective
 2. Pilot Project
 3. Lessons
- Mauritius Strategy: Energy Resources (VII)
 - Energy Dependency: A Major Source of Vulnerability of SIDS including Mauritius & One of the most urgent sustainable development challenges

RENEWABLE ENERGY & MU STRATEGY

- Need to promote access to energy efficient technology
- Energy that is affordable and readily adaptable to the circumstances of SIDS
- "Sustainable Island Living"
- Changing Life style

Examples of some SIDS RE uses

- Solar: In St Lucia in solar hot water
Lighting equipment and replacement of inefficient air conditioners save US \$ 50,000
Solar energy for flashing light at cross here
- Marshall Islands: A monthly fee of US \$ 12 for use of solar system at home compare to US \$ 13.5 for kerosene

SIDS EXPERIENCES

- Barbados: 33% of population use solar heaters
- Coconut oil: Vanuatu, since five years, most diesel power cars now run on coconut oil
- Samoa, Fiji and Marshal Islands: coconut oil for vehicles widespread. Mix of 15%
- coconut oil and 85% diesel now well established for power use

Energy Saving at GRSE

- A Pilot Project on Climate Change
With the support of GEF/SGP, UNDP
- Education, Awareness Raising & Demonstration projects
- Education as a process
- Life-long education
- Research on Education as a process

OBJECTIVES

- To change the mind set of the stakeholders in order to initiate actions within their immediate surrounding.
- To contribute to a better understanding of climate change and its impact on the Mauritian society
- To consolidate capacity amongst the target group to adapt progressively to sea level rise, climate variability and changes that could be due to global warming.
- To create conditions for the target group to initiate policy dialogue with the local authorities and the central government

Pilot Project

- Mauritian context
 - Household & Community
 - Linkages between climate change and resources
1. Electricity
 2. Water
 3. Generation of waste

Structures

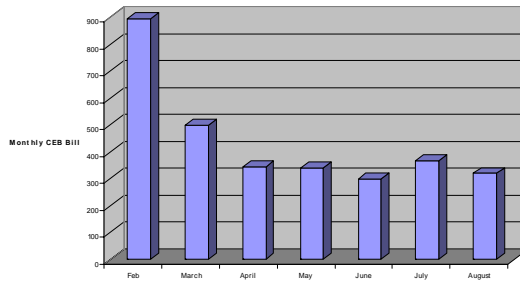
- Pilot Committee
- Core Group
- 15 drivers/facilitators
- 500 families

Methodologies

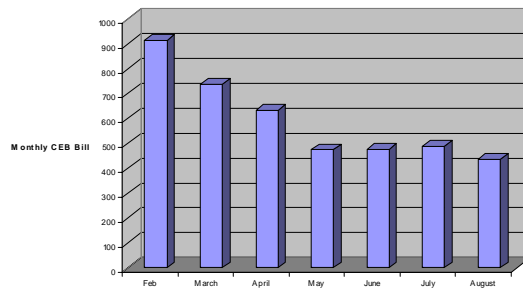
- Information Dissemination
- Participatory approaches
- Workshops (Transfer of knowledge)
- Interactive meetings
- Training
- Door to door activities
 - Wise practices
 - Proactive dialogue
 - Sharing of experiences
 - Distribution of Energy Saving Lamps

Outcome: Electricity Saving

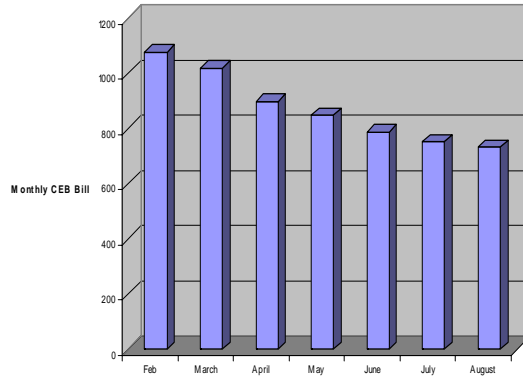
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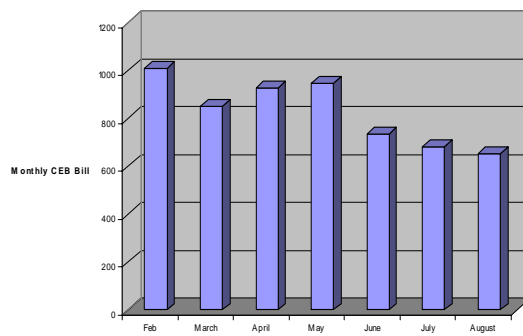
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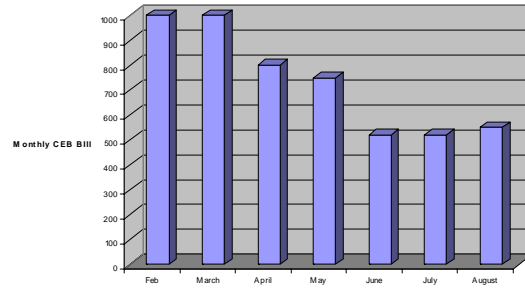
Ram



Kurshan



Krishnan



Lessons learned

- Win-Win Situation
- Participatory Approaches & Making the people a stakeholder in development
- Integrate the traditional & tacit knowledge
- Confidence Building
- Energy Saving Lamps not affordable
- Technical outcome necessary but not enough
- Human achievements and development of personality
- Culture in all its form essential
- Promote autonomy of the community & local development
- How to sustain the wise practices?