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"The European Union is made up of 27 Member States who have decided to gradually link together their know-how, resources and destinies. Together, during a period of enlargement of 50 years, they have built a zone of stability, democracy and sustainable development whilst maintaining cultural diversity, tolerance and individual freedoms.

The European Union is committed to sharing its achievements and its values with countries and peoples beyond its borders".

The European Commission is the EU's executive body.



SPC  
Secretariat  
of the Pacific  
Community



Palau Energy Office



## The concept

Palau is heavily dependent on petroleum products as a source of energy for both its urban centres and rural areas. Almost all gross energy supply is from petroleum (wood is occasionally used for traditional cooking, but is not a major source of energy).

The instability of international petroleum product prices places a heavy strain on the national budget, shipping and transport costs and the operational expenses of the utilities, which ultimately leads to a heavy burden of high food and electricity prices for the population. Petroleum prices are high due to the small size of the market, transportation costs and Palau's unequal negotiating position.

In response to this, Palau, along with the Federated States of Micronesia and the Republic of the Marshall Islands, has targeted the energy sector, especially energy efficiency and renewable energy for funding under the 10<sup>th</sup> European Development Fund. The three countries have combined their allocations into a multi-country programme – The North Pacific ACP Renewable Energy and Energy Efficiency Project (North-REP) – which has a total budget allocation of €14.44 million from 2010 to 2014. The budget allocation for Palau is €2.47 million.



Republic of Palau Capitol Building grid connected solar photovoltaic system

*The views expressed in this publication do not necessarily reflect the views of the European Commission*

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North Pacific ACP Renewable Energy and Energy Efficiency Project  
(North-REP) in Palau

# Energy efficiency and renewable energy

to improve quality of life and reduce  
dependency on fossil fuels  
in Palau



This project is funded by the  
European Union (EDF-10)

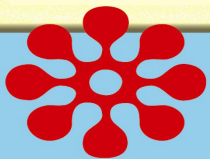


SPC  
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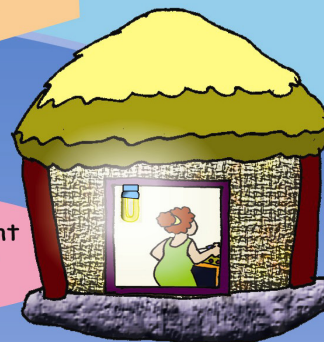
North-REP is implemented by the  
Secretariat of the Pacific Community  
in FSM, Palau and RMI



# WAYS TO LOWER YOUR ENERGY BILLS AT HOME



Reduce the time  
used for video  
games, TV and  
stereo



Replace incandescent  
bulbs with energy  
saving bulbs



Put lids on pots  
and pans when  
cooking meals



Turn off TV,  
stereo and  
electrical  
appliances  
when not  
using them



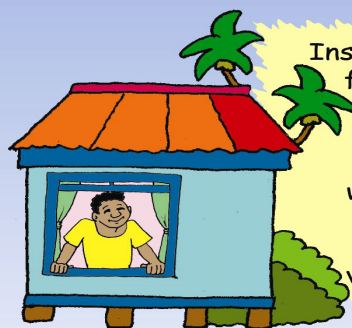
Do not  
open  
refrigerator  
doors  
unnecessarily



Dry clothes  
in the sun



Be energy smart  
and buy energy  
rated/labelled  
electrical  
appliances



Instead of using  
fans during  
hot  
weather,  
open the  
windows to  
allow for  
natural  
ventilation

Only wash full loads  
of clothes when  
using the  
washing machine



Defrost and  
clean your  
refrigerator  
regularly



Close taps when  
not using them  
and repair any  
water leaks

## Objective

The objective of the North Pacific ACP Renewable Energy and Energy Efficiency Project (North-REP) in Palau is to reduce the dependency on fossil fuels by improving the overall efficiency of the energy sector through energy efficiency and grid-connected renewable energy.

## Project components

Key components of North-REP (Palau):

- An energy conservation and efficiency awareness raising and education campaign.
- Incentives to implement energy conservation and energy efficiency measures.
- A wind energy resource assessment study.
- A grid connected solar photovoltaic project.
- Energy policy implementation support.
- Institutional capacity building in energy efficiency and renewable energy.

## Target areas and expected results

The project is largely concerned with reducing poverty and promoting social development and environmental responsibility.

The project seeks to improve the environment by decreasing dependency on fossil fuels for energy and by reducing CO<sub>2</sub> emissions.

The project contributes to addressing governance issues through enhanced institutional capacity for planning and implementation of transparent and accountable energy efficiency management.

The expected results are improved energy efficiency and increased in-country capacity to promote, deliver and sustain renewable energy and energy efficiency programmes.