

REPORT OF WORKSHOP

**Pacific Appliance Labelling and Standards Program Work Plan Design and  
Implementation Regional Workshop**

11–13 April 2012, Suva, Fiji



Secretariat of the Pacific Community  
Suva, Fiji  
2012

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**Pacific Appliance Labelling and Standards Programme  
Work Plan Design and Implementation Regional Workshop  
11–13 APRIL 2012, SPC LOTUS BUILDING, SUVA**

## AGENDA

<b>WEDNESDAY 11<sup>th</sup> APRIL</b>		
<b>SESSION 1 : REGISTRATION AND OPENING</b>		
0845 - 0900	Registration	
0900 - 0910	Prayer	
	Welcome Remarks	Mr John Hogan Director – Economic Development Division, SPC
	Opening	Mr Tim Farrell, Director Greenhouse and Energy Minimum Standards (GEMS) Legislation Taskforce, DCCEE
<b>SESSION 2 : APPLIANCE LABELLING &amp; STANDARD PROCESS</b>		
0910 - 1000	The Appliance Labelling and Standard Process	Mr George Wilkenfeld – George Wilkenfeld & Associates; Mr Tim Farrell – GEMS Legislation Taskforce, DCCEE
<b>1000 – 1030 Morning Tea</b>		
<b>SESSION 3 : DEFINING ACTIVITIES ROLES AND RESPONSIBILITIES</b>		
1030 – 1100	Identifying the varying needs of the PICs	Ms Makereta Sauturaga – PM PALSP
1100 – 1200	<ul style="list-style-type: none"> <li>• Defining the activities for Group 1 countries (Fiji, Samoa, Tonga and Vanuatu)</li> <li>• Defining the activities for Group 2 countries (Cook Is, FSM, Kiribati, PNG, Solomon Is, and Tuvalu, Palau, RMI)</li> </ul>	National Coordinators
1200 – 1230	Defining the roles and responsibilities of the project partners	National Coordinators
<b>1230 – 1400 Lunch</b>		
1400 – 1500	Presentation by Group 1 & 2 countries	National Coordinators
<b>1500 – 1530 Afternoon Tea</b>		
1530 – 1700	Presentation by Group 1 & 2 countries	National Coordinators
<b>THURSDAY 12<sup>th</sup> APRIL</b>		
<b>SESSION 4: COLLABORATION WITH PARALLEL NATIONAL/REGIONAL INITIATIVES</b>		
0900 - 1000	The Pacific Energy Efficiency Project 2 (PEEP2)	Peter Johnston
<b>1000 -1030 Morning Tea</b>		
1030 - 1100	Technical Analysis of Appliance Markets to Support the PALS Programme	Mr David Morgado, Environment and Energy Specialist, International Institute for Energy Conservation (IIEC)
1100 - 1130	North REP	Mr. Emanuele Taibi Energy Specialist (FSM), SPC
1130 - 1200	Government of the Republic of China's Energy Efficiency Initiative	Mr Nixon Kua, PIGGAREP Climate Change Mitigation Officer, SPREP
1200 - 1230	Drafting Legislation for standards and labelling	Cane Preston Stanley, DCCEE
<b>1230 – 1400 Lunch</b>		
1400 – 1500	The PALS LFA	Ms Makereta Sauturaga – PM PALSP
<b>1500 – 1530 Afternoon Tea</b>		
<b>SESSION 5 : PALS WORK PLANS &amp; MANAGEMENT STRUCTURE</b>		
1530 - 1700	The PALS Work Plans	Ms Makereta Sauturaga – PM PALSP
	PALS Regional Coordination	
<b>FRIDAY 13<sup>th</sup> APRIL</b>		
<b>SESSION 6 PALS AS PART OF THE 2012 ENERGY PROGRAMME'S WORK PLAN</b>		
0900 - 1000	Presenting the Energy Programme's Work Plan for 2012	Mr Solomone Fifita, Deputy Director EDD, SPC
<b>1000 -1030 Morning Tea</b>		
1030 - 1130	The Energy Security Indicators	Mr Frank Vukikomoala, Energy Programme Assistant, SPC
11130 - 1230	Visit to appliance suppliers in Fiji (Courts, etc), Attorney General's Office	

# **PACIFIC APPLIANCE LABELLING AND STANDARDS PROGRAM WORK PLAN DESIGN AND IMPLEMENTATION REGIONAL WORKSHOP**

11–13 April 2012

Pacifika Conference Room, SPC, Suva, Fiji

## **Summary of proceedings**

The Secretariat of the Pacific Community (SPC) organised and hosted the Pacific Appliance Labelling and Standards (PALS) Program Work Plan Design and Implementation Regional Workshop at SPC's Suva Regional Office in Fiji from 11–13 April 2012.

The purpose of the workshop was to consultatively design with the national coordinators the work plan for their respective countries and to agree on the operational and management structure for the project. The workshop also provided an opportunity to ensure the PALS work plans and activities are consistent with the respective national energy roadmaps and policies and are complementary to other related national and regional effort on energy efficiency, for instance, ADB's Promoting Energy Efficiency in the Pacific (Phase 2) project.

Participating in the workshop were nominated national coordinators for the PALS Program (or their nominated representatives) from the Federated States of Micronesia (FSM), Fiji, Kiribati, Papua New Guinea, Republic of Marshall Islands (RMI), Samoa, Solomon Islands, Tonga, Tuvalu, and Vanuatu. Representatives of the following key stakeholders were also in attendance: Department of Climate Change and Energy Efficiency (DCCEE), Australia; George Wikenfeld and Associates Pty Ltd, Australia; Renewable Energy & Energy Efficiency Partnership (REEEP); International Institute for Energy Conservation (IIEC); Secretariat of the Pacific Regional Environment Programme (SPREP); International Union for Conservation of Nature (IUCN) and the Environmental & Energy Consultants, Fiji.

A list of participants is attached as Annex 1.

### **AGENDA ITEM 1: Registration and opening**

- 1.1 The meeting was opened with a prayer from Mr John Rounds, Shipping Adviser in the Transport Programme of SPC's Economic Development Division (EDD).
- 1.2 The SPC EDD Director John Hogan delivered a welcoming address to the delegates. The welcome speech is attached as Annex 2.
- 1.3 Tim Farrell, the Director Greenhouse and Energy Minimum Standards Legislation Taskforce of Australia's DCCEE, delivered the opening speech. The opening speech is attached as Annex 3.
- 1.4 Tim Farrell provided an update on the PALS Program. The PALS Program is designed to assist PICTs to implement labelling and standards for energy-using equipment such as refrigerators, freezers, air conditioners and lighting. PALS Program is open to all SPC PICTs where challenges exist in relation to energy security. Australia has committed AUD 3 million over two years (2011-12 and 2012-13) and this will align with existing program and focus on building capacity in the region.

## **AGENDA ITEM 2: Appliance labelling and standard process**

- 2.1 Dr. George Wilkenfeld, Consultant to DCCEE, Australia presented the PALS country Implementation Plan outline. The implementation plan is outlined in ten steps;
  - a.) Relate standards and labelling to efficiency objectives in energy road map or plan
  - b.) Collect data on appliance use, markets and origins
  - c.) Develop a standards and appliance strategy
  - d.) Set up national working group of stakeholders
  - e.) Develop implementation timetable
  - f.) Get cabinet/high-level endorsement
  - g.) Setup legal framework
  - h.) Set up administrative structure
  - i.) Implement programme (may have transitional phases)
  - j.) Monitoring and evaluation
- 2.2 Australia suggested that while importing products from countries such as Singapore, it was important that PICs talk to the suppliers to check the performance test for the particular appliance model. In a year's time, instead of the Singapore label, countries will have the opportunity to switch to an Australian or New Zealand standard and a year will be given to adopt a particular label.
- 2.3 Australia suggested that a legal framework needed to be developed so that all suppliers follow an international standard.
- 2.4 There were concerns that there were no laboratories in PICTs that were capable of check testing product energy efficiency claims. Delegates were informed that energy tests can be arranged in the countries of origin (most manufacturers have laboratories capable of testing to any internationally recognised standard), or if necessary units could be sent to Australia or New Zealand for testing.

## **AGENDA ITEM 3: Defining activities, roles and responsibilities**

- 3.1 Ms. Makereta Sauturaga, the PALS Project Manager at SPC, delivered a presentation on the varying needs of PICs with regard to implementation of PALS-related activities at the national level. The national coordinators in PICs were expected to define their activities and what assistance they required from the PALS Program.
- 3.2 The participants were divided into two groups for group discussions and activities over the next two days. Countries provided information on where they currently stood in regard to standards and labelling.
- 3.3 PNG advised the participants that they endorsed their National Electric Industry Policy in December 2011. The PNG Energy Department is the custodian of Energy Technical Regulation, which includes energy efficiency and conservation. The PALS Project is included in the regulation.
- 3.4 Solomon Islands have an Electricity Act, which has an emphasis on efficient use of electrical energy. The Solomon Islands Energy Policy Framework has a section on energy efficiency and conservation and data was needed to support submissions to gain political commitment from the leaders.

- 3.5 The Tuvalu government is aware of the PALS Program since its affiliation to SPC. Currently, they were implementing an energy efficiency project — Demonstration of Efficient and Inefficient Appliances — which is in line with the PALS Program.
- 3.6 The Kiribati government is aware of the PALS Program but they are concentrating on renewable energy. Kiribati has energy efficiency legislation, but they find difficulty in collecting data and information on the appliance origins.
- 3.7 The Marshall Islands government is aware of the PALS Program and suggested that a sub-regional approach to be explored for this project. Majority of the electric and electronic appliances in Marshall Islands are imported from China. The government has started an initiative to remove import duties on star energy labels appliances. Marshall Islands also suggested that laws and regulations need to be reviewed to allow for standards and labelling.
- 3.8 Federated States of Micronesia has a different form of standard from the South Pacific countries. PALS Project is an initiative that the nation is willing to undertake and they are proposing to start initiating PALS Project in public procurement process. There is lack of capacity to carry out this project and they need to estimate the implementation costs of PALS Project.
- 3.9 Fiji already has a Minimum Energy Performance Standards and Labelling (MEPSL) Program within their Department of Energy and they follow Australian/New Zealand standards. The cabinet approved the MEPSL Program to be mandatory in Fiji effective from 1 January 2012. MEPSL Program is now implemented at border levels whereby all incoming freezers and refrigerators are checked and screened for compliance. It is now mandatory for all retailers, wholesalers and distributors to apply for import and all applications are screened before approval is granted.
- 3.10 Tonga has requested for Fiji's standards and labelling (S&L) cabinet paper. Fiji's paper will show a model for Tonga's paper in seeking high-level endorsement to begin standards and labelling policy and program. Tonga will locate the cost benefit analysis from the REEEP/SPC Study to justify S&L plan and will link this plan in achieving the goals of Tonga Energy Road Map. Tonga does not need a new legislation, the Consumer Protection Act 2001 already allows Tonga to set S&L by regulations.
- 3.11 Samoa National Energy Policy (SNEP) and the Samoa National Energy Policy Action Plan prioritise the areas of energy efficiency (EE) and energy conservation (EC), but the implementation of these plans/strategies has been an ongoing challenge. The goal of SNEP is 'to increase the contribution of RE for energy services and supply by 20% by 2030'. Standards and labeling will contribute to addressing the need to reduce Samoa's reliance on the imported fossil fuels, improve energy security and the added environmental benefits of reducing green house gases. In August 2010, a study was conducted in Samoa to undertake a situational analysis on the feasibility of introducing a standards and appliance labeling programme in Samoa. The report was presented to the stakeholders in July 2011. It was suggested that a Standards and Appliance labeling steering committee be formed. This is yet to be finalised.
- 3.12 Vanuatu presented on the steps towards implementing PALS Program. They have a policy paper on Vanuatu Energy Road Map (VERM), already approved by the VERM committee. The legislation on S&L will be drafted in consultation with SPC and government stakeholders.
- 3.13 Mr Cane Preston Stanley of DCCEE Australia delivered a presentation on regulations to underpin the PALS Program. The presentation highlighted the importance of having a legislation on

energy efficiency standards and labeling programs, the ways to structure legislation and regulations and how DCCEE could assist the countries.

#### **AGENDA ITEM 4: Collaboration with parallel national/regional initiatives**

- 4.1 Peter Johnston, a consultant for IIEC, delivered a presentation on 'Promoting Energy Efficiency in the Pacific, Phase 2' Project (PEEP2). The project beneficiary countries are Cook Islands, PNG, Samoa, Tonga and Vanuatu. The outputs of this project, which can be linked to the PALS Program, include: energy use database, EE policies and regulations, implementing EE programmes and information and public awareness. IIEC advised the participants that the inception report of PEEP2 Project has been submitted to Asian Development Bank (the donor) for approval and once it's approved, it will be shared with energy colleagues.
- 4.2 IIEC and REEEP distributed a questionnaire to the participants on technical analysis of appliance markets to support the PALS Program. Countries were requested to provide their contribution. The aim of the survey is to establish a baseline and fill in gaps for the standards and labelling data.
- 4.3 Emanuele Taibi, the Energy Specialist (FSM) at SPC, delivered a presentation on 'PALS: a North Pacific perspective'. North Pacific ACP Renewable Energy and Energy Efficiency Project (North-REP) has a component on improving energy efficiency in Palau, FSM and RMI. Some of the key steps for the PALS Program in the North Pacific is to: develop a baseline on where the appliance come from; how efficient they are; define minimum energy performance standards (MEPS) for each of the accepted labels; define the roles at the national level for implementation; and draft regulations that give 'teeth' to the existing applicable laws (i.e. energy policy, duty free bill, etc).
- 4.4 Nixon Kua, the Climate Change Mitigation Officer at SPREP, advised the participants on a new proposal from the Chinese government on 'China-Pacific International Partnership for Addressing Climate Change'. The Chinese government would be supplying USD 100, 000 worth of energy efficient equipment (air conditioners and LED lights) to SPREP who will facilitate the process with countries. But this equipment is only for new buildings and not for existing systems in old buildings. Countries in consultation with the resource personnel present during the workshop developed and agreed on a collective response including clarification questions for the Chinese government on this proposal. The response was provided to Mr Kua.

#### **AGENDA ITEM 5: PALS work plans and management structure**

- 5.1. Countries presented a draft outline of the implementation plan for the PALS Program. A summary of the implementation plan is attached as Annex 4. The draft implementation plan is to be refined and finalised by the participating countries.
- 5.2. Solomone Fifita, the Deputy Director (Energy) at SPC, delivered a presentation on PALS national and regional coordination. The PALS Program Steering Committee members will be: one representative from SPC, one from DCCEE, three from PICs (with one from the North Pacific countries) and two from other Council of Regional Organisations of the Pacific agencies and parallel EE projects. The countries endorsed the PALS Program Steering Committee and its membership. Mr Hubert Yamada (FSM), Ms Heremoni Onosai (Samoa), Mr Idau Kopi (PNG) were further endorsed as representatives from PICs as well as Mr Peter Johnston representing parallel EE projects.

## **AGENDA ITEM 6: PALS as part of the 2012 Energy Programme work plan**

- 6.1. Solomone Fifita shared the Energy Programme's 2012 work plan with the participants.
- 6.2. Frank Vukikomoala, Energy Programme Assistant of SPC delivered a presentation on the *Framework for Action on Energy Security in the Pacific* (FAESP) baseline energy security indicators for 14<sup>1</sup> PICs. All data collected are as at year 2009.

## **AGENDA ITEM 7: Wrap-up and closing remark**

- 7.1. Mr. Solomone Fifita thanked all the participants for their contribution towards the workshop and requested everyone's commitment towards implementing the PALS Program.
- 7.2. Tim Farrell thanked all the participants, SPC and other organisations on behalf of the Australian government.
- 7.3. On behalf of the participants, Tuvalu thanked SPC and DCCEE for organising the workshop and expressed their commitment towards the PALS Program.
- 7.4. A visit to appliance suppliers in Fiji (Courts Fiji Ltd) was organised for the participants.
- 7.5. Copies of all presentations were provided to the participants.

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<sup>1</sup> Cook Islands, Nauru, Niue, Samoa, Palau, Tuvalu, Fiji, RMI, Tonga, FSM, Kiribati, Vanuatu, PNG, Solomon Islands



## Annex 1: List of participants

### Pacific Appliance Labeling and Standards (PALS) Programme's Work Plan and Implementation Workshop 11 – 13 April 2012, Suva, FIJI

#### Participants' List

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**Annex 2: Welcome speech by Captain John Hogan, Director, Economic Development Division, SPC**

**WELCOME REMARKS BY JOHN HOGAN, DIRECTOR ECONOMIC DEVELOPMENT DIVISION, SPC SUVA  
REGIONAL OFFICE AT THE PACIFIC APPLIANCE AND LABELLING AND STANDARD PROGRAMME  
WORK PLAN DESIGN AND IMPLEMENTATION REGIONAL WORKSHOP**

**11<sup>th</sup> – 13<sup>th</sup> APRIL 2012, LOTUS BUILDING, SUVA**

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The Director, Greenhouse and Energy Minimum Standards (GEMS) Legislation Taskforce, DCCEE;  
The EDD Deputy Director (Energy)  
Country delegates  
Ladies and gentlemen

On behalf of the Director General of SPC, I welcome you all to this three-day workshop of the Pacific Appliance Labelling and Standard (PALS) Programme.

We are especially grateful that despite major flooding in the western side of Fiji and the disruptions that were experienced in the last weeks, you — our stakeholders — have continued to support the effort for energy efficiency.

This workshop marks the culmination of hard work between the Australian Government and the Secretariat of the Pacific Community to continue with the PALS Programme that started for the first time through a planning workshop in December last year, and with the hope that interests in appliance labelling and standards will continue to increase from our Pacific Island Countries and Territories.

Implementing appliance labeling and standards are important strategies for mitigating climate change and studies have concluded that that it is more cost effective for the Pacific region to import more energy efficient refrigerators, air conditioners and lighting than it is to import diesel fuel.

Throughout this three-day workshop, I imagine that apart from defining your national activities and work plans, you will also get to know of parallel regional programmes on appliance labeling and energy efficiency in general. The question that one would ask is how best can we all work together? It is the intention of this workshop that collaborative efforts with the different partners would be developed and/or strengthened.

I do hope that you will not sit on the knowledge, networks and partnerships you may form from this meet.

But use it to press towards the mobilization of effective actions to address appliance labeling and standards at the national level.

With that, I again welcome you all and look forward to a fruitful three-day workshop.

Thank you

### **Annex 3: Opening Speech by Tim Farrell, Director Greenhouse and Energy Minimum Standards Legislation Taskforce of Australia's DCCEE**

Ni Sa Bula. Thank you to SPC for the invitation to formally open the Implementation Workshop of the Pacific Appliance Labelling and Standards (PALS) Programme, commonly known as the PALS Programme.

I would like to start by acknowledging the recent flooding that has devastated parts of Fiji over the past few weeks. The thoughts and prayers of your Pacific friends are with you now as many Fijians continue to deal with the impacts. Under these difficult circumstances we are appreciative that you are able to host this workshop.

As many of you will be aware at the 42<sup>nd</sup> meeting of Pacific Islands Forum Leaders in September 2011, the leaders expressed support for the development of effective management of fuel supply risks, meeting energy efficiency targets including expanding the existing electrical appliance energy efficiency standards and labelling programme to help realise significant energy savings.

At that same meeting, Australia's Prime Minister Julia Gillard announced her support for the introduction of energy labelling and standards for electrical appliances in the Pacific region. The Australian government has now committed 'Fast Start Finance' to the Pacific Appliance Labelling and Standards (PALS) programme until June 2013. Australia will partner with SPC and with Pacific Islands who plan to align with existing energy efficiency standards and labelling programmes, such as the successful programme that has been jointly delivered by Australia and New Zealand over the past 25 years.

This Implementation Workshop follows a productive Planning Workshop that most of you participated in at the end of last year in Noumea. I am really pleased that has representation from 11 Pacific Island Countries. I commend your countries participation in this workshop because it acknowledges the importance your Governments places on improving energy efficiency. Your participation shows that your country wants to take action:

- to reduce energy consumption;
- minimise expenditure on fossil fuels;
- avoid the additional infrastructure and maintenance costs associated with increased generation;
- and also to reduce greenhouse gas emissions.

Ultimately, being smarter about energy use can lead to an improved standard of living for all people in the Pacific.

The PALS National Coordinators representing these Pacific Countries have an important role in working with their Governments and key stakeholders to help turn the concept of standards and labelling into legislative reality. There is so much to draw on from the experiences of your friends in Australia, New Zealand and now Fiji who have already experienced regulating equipment and appliances. The support of your Government to provide the legislative mandate is critical for implementation.

I would like to thank the development partners that are also participating in this meeting including Asian Development Bank Representatives, The University of the South Pacific, Renewable Energy and Energy Efficiency Partnerships and International Institute for Energy Conservation.

I would also like to thank Captain John Hogan and the many staff from SPC's Economic Development Division for organising and hosting this workshop.

I commend your participation in this PALS Programme and wish you success in the development of Implementation Plans over the next 3 days. The Australian Government is very pleased to be partnering with SPC to support the expansion of standards and labelling of equipment and appliances through the PALS Programme. I would like to now officially open the workshop.

Vinaka

**Annex 4: Implementation plan of PALS Program**

(Attached separately as an excel file)