

**SPREP – SOPAC – SPC Trilateral
Consultations
15 – 16 May 2008**

SPC Land Resources Division

Presentation Outline

- ❖ Introduction
- ❖ What we do
- ❖ Some LRD Outcomes and new initiatives
- ❖ Our clients
- ❖ How we deliver
- ❖ Resources
- ❖ Potential synergies

INTRODUCTION

- ❖ Making a difference in the lives of Pacific Islanders
- ❖ Meaningful engagement at national, regional and international levels
- ❖ Commitment to integration and use of participatory approaches
- ❖ Beneficiaries: Govt services, communities, resource owners, farmers, private sector

WHAT WE DO

- GOAL:** To improve food security, increase trade and assist the Pacific community to be more prosperous, healthy and manage their agriculture and forest resources in a sustainable way.
- OBJECTIVES:**
1. Sustainable management of integrated agriculture and forestry systems
 2. Improved biosecurity and trade facilitation

**Sustainable Management of Integrated
Agr & For Systems**

Output 1.1 – Sustainable for & agr policies, legislations & plans developed & promoted

Assist PICTs in dev policies, legislations; work towards harmonised regional approaches; engaging in regional and international initiatives

- Participatory development of Rural Land Use Policy – Consultations towards RLUP - FSM; LandCare concept; Rarotonga land use zoning mod work;
- Increased community ownership through participation in policy dev – PAFPNet.



Good realistic policy underpins successful sust. development



**Sustainable Management of Integrated
Agr & For Systems**

Output 1.2 – Sustainable for & agr man & prod practices developed & promoted

- Now 112 (incl 16 women) trained paravets in 11 PICTs - 217 trainees, 146 sat exams;
- Increased adoption of improved technologies - DSAP; more involvement of women and youth;
- Increased adoption of Drawa SNRM – Naitasiri & Kadavu - ICE, CETC & other thematic teams.

Vets' eyes & ears



Participatory approaches – DSAP & Drawa model



Sustainable Management of Integrated Agr & For Systems

Output 1.2 – Sustainable for & agr man & prod practices developed & promoted

- Improved safe insect pest control: Biocontrol – c/nut scale, m/bugs Tuvalu; GWSH FP & Cook Is; c/nut flat moth Cook Is; w/flies Van
- Improved safe weed control – Parthenium weed PNG Lae; Jerusalem thorn Fiji; alien invasives FSM RMI, Palau
- Better able to implement Codes of Conduct for logging practices – PNG, Sol Is, Van, Fiji



Biological control



CoC logging



Sustainable Management of Integrated Agr & For Systems

Output 1.2 – Sustainable for & agr man & prod practices developed & promoted

- Increased capacity to use new technologies for enhancing agrofor productivity – CB in Northern Pacific and Tokelau
- Farmers have chemical-free solution to Kava virus disease – launching in Fiji & Vanuatu
- Farmers have successful taro beetle controls – launching in Fiji and PNG

Kava virus disease control

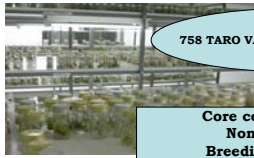


Taro beetle control Fiji launch

Sustainable Management of Integrated Agr & For Systems

Output 1.3 – Biodiversity and genetic resources conserved, developed & promoted

- PICTs' genetic resources conserved, developed and sustainably used



758 TARO VARIETIES MAINTAINED IN TC

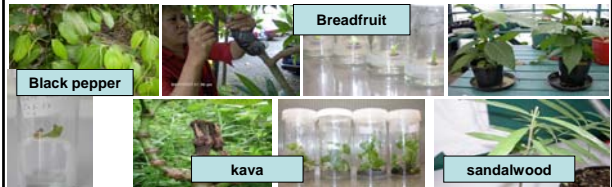
Core collection
Non-core
Breeding lines



Sustainable Management of Integrated Agr & For Systems

Output 1.3 – Biodiversity and genetic resources conserved, developed & promoted

- Research -> PICTs' trade opportunities increased



Breadfruit

Black pepper

kava

sandalwood

Sustainable Management of Integrated Agr & For Systems

Output 1.3 – Biodiversity and genetic resources conserved, developed & promoted

- Improved health and livelihoods from increased biodiversity



Lifestyle diseases
Traditional foods
Different varieties
Poor status
Convenience
Awareness



ACIAR – funded study in Fiji and PNG

Sustainable Management of Integrated Agr & For Systems

Output 1.4 – Natural disaster response and support structures in place

- PRIPPP – PICTs capacity to prepare for transboundary animal disease outbreaks strengthened – multi-sectoral NAPITF in all PICTs; preparedness plan checklist
- PRIPP Task Force – forum to share exp/knowledge;
- Vet epidemiologists in Pohnpei, Suva, P. Moresby; lab scientist & in areas of information, procurement, legislation
- OIE/FAO SPC as RSO for GF TADs

Sustainable Management of Integrated Agr & For Systems

Output 1.4 – Natural disaster response and support structures in place

- PICTs capacity to prepare for invasive ants outbreaks strengthened – PAPP plan ready but funding (FJD 1.2 M) not secured
 - Baseline surveillance 17 sea & air ports 2006/07 35 planned for 2008
- PILN – PICTs more aware of invasive species - Guam, Palau, FSM, RMI, Kiribati, Samoa, A. Samoa, FP, NC, Hawaii



Improved Biosecurity and Trade Facilitation

Output 2.1 – National capacity to comply with international and regional standards related to trade strengthened

- PICTs able to develop commodity pathways and process market access requests. Personnel from Tonga, Tuvalu, Vanuatu, Cook Is, Solomon Is and PNG, complete IMPEXTEK 16 week training attachments
- Development of Organics Standards – IFAD / IFOAM
- Field testing of the Fiji and Vanuatu forest certification standards; start made to developing the f.c. stds for Sol Is

Improved Biosecurity and Trade Facilitation

Output 2.1 – National capacity to comply with international and regional standards related to trade strengthened

- PICTs have access to 4 new Anthracnose resistant yam varieties from Nigeria;
- Regional trade facilitation enhanced by regional compilation of PICTs' trade statistics in collaboration with FAO;
- PICTs border control strengthened – equipment supply & capacity building.



Improved Biosecurity and Trade Facilitation

Output 2.2 – Strengthened national capacity to undertake econ & fin analysis of opportunities for increased trade

- Tuvalu & Samoa has capacity to use production/innovation system for evaluation of Noni (ASTI);
- Methodology for commodity chain studies developed with FAO collaboration – Kiribati breadfruit, Fiji vegetables, fruits and Vanuatu nangali nuts;
- Economic justifications for use of commodity pathway systems for biosecurity & trade facilitation established - Fiji est benefits FJD 300,000 NPV.

Improved Biosecurity and Trade Facilitation

Output 2.3 – Sustainable and efficient post-harvest technologies developed and promoted

- Timber milling efficiency for PNG, Sol Is, Fiji expected to eventually improve with pre-project proposal for ITTO having been approved and full proposal submitted;
- Tonga timber utilization to improve – equipment provision, CB on tree felling, log peeling, drying;
- PICTs able to use hot water quarantine treatment for taro - mites, wire worms, nematodes.

Improved Biosecurity and Trade Facilitation

Output 2.4 – Improved information on plant and animal health status

- Farmers receive better advice:
 - PICT ext officers use of TaroPest portal - waterproof for field use & electronic version for office use;
 - Paravets knowledge kept up to date - PAHIS harmonized with OIE/FAO database.
- Improved biosecurity & trade negotiation capacity - Surveys for: pests & diseases Sol Is; viruses Tonga; nematode Rennell Sol Is & Kiribati; viruses FSM, RMI, Palau and Guam; fruit fly survey Pitcairn Is and other PICTs

Projects

- Plant Protection Project & DSAP – EDF 8 & 9;
- Facilitation of Ag Commodity Trade (FACT) – EDF 9;
- Pacific German Forestry Project - GTZ;
- Plant Genetic Resources – NZAID and French Aid;
- Forests and Trees Project, and SPRIG Project - AusAID;
- Pacific Reg Influenza Pandemic Preparedness (PRIPPP) – AusAID;
- Australian Centre for Int Agr Research (ACIAR)...
- New collaboration with BMZ, OIE/FAO, IFAD, Expansion phase Regional Programme for Food Security (RPFS)

Some new initiatives

Positioning PICTs to maximize benefits from the ITPGRFA and Global Crop Diversity Trust (GCDT)

- Diversity of PGRFA is crucial for food crop production;
- ITPGRFA – conservation and sustainable use of PGRFA and equitable access and benefit sharing;
- ITPGRFA Governing Board approved to go into agreement with CePaCT to place PGRFA of Annex 1 crops in MLS;
- GCDT – offer of funds for perpetuity for conservation of yams and food aroids;
- Establishment of seed bank & agreement with AVRDC for exchange of FGR and PGRFA respectively.

Some new initiatives

Centers of Excellence for Atoll Agriculture

- As activities under RMI and Kiribati JCSs – Kiribati & RMI LGI agree to collaborate with LRD, with possible support by US;
- A R&D programme has been developed jointly with RMI, Kiribati & IFAD;
- IFAD supported activities start 2008 in Kiribati;
- GTZ Climate Change Adaptation & Mitigation will provide support to initiative in RMI.

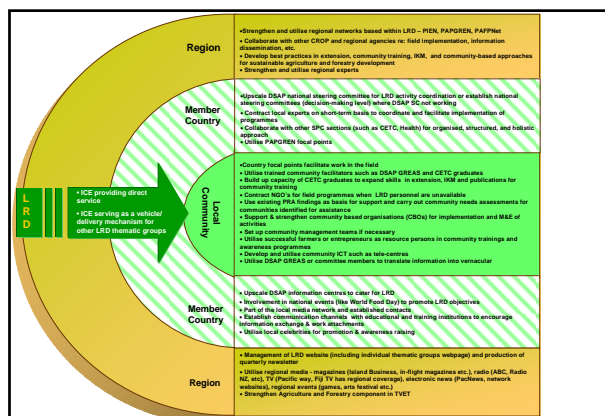
Some new initiatives

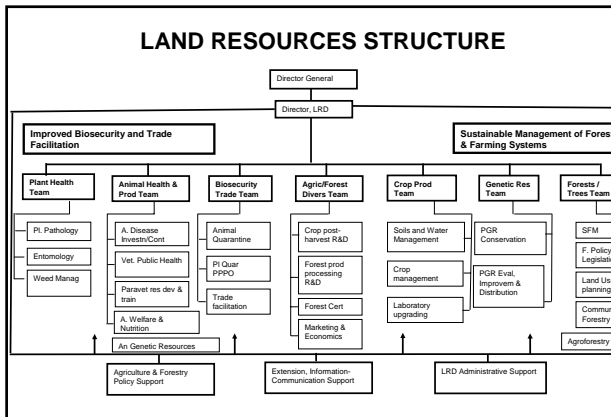
Climate Change and Food Security

- Farmers expected to have access to food crops and trees that have desired traits (e.g. drought and salt tolerance). A Climate Change ready germplasm collection selected from within and outside the region, is being developed;
- BMZ CC adaptation & mitigation project proposal;
- FAO EP RPFS – Regional interventions on CC AM (PGRFA, Land degradation) & trade facilitation.

Stakeholders and beneficiaries

- Government research & extension systems;
- Farmers, resource owners; communities, private sector;
- CROP & International organisations;
- Donor partners





- ### Human Resources
- Jan 2008 – 97 with 9 vacancies – 33 international, 53 locally recruited (30 field based), and 11 admin support;
 - Presence in 16 countries
- ### Financial Resources
- 17 – 20 M FJD per year last 5 years;
 - Programme funds 18-20%; Project funds 74%; Core funds 5-8%

- ### Potential synergies – LRD & SOPAC
- Community Lifelines – Energy - biofuel, Water, ICT, GIS and Remote sensing;
 - Community Risk – Mainstreaming DRR, Strengthening resilience, Pandemics;
 - Ocean and Islands – Natural resource governance, Resource use solutions