

United Nations Expert Group Meeting on Gender, Science and Technology  
UNESCO Building, Paris, France  
28 September - 01 October 2010

# **GENDER DIMENSIONS OF SCIENCE AND TECHNOLOGY IN AGRICULTURE AND CLIMATE CHANGE**

**Mereseini Seniloli**

Land Resources Division

Secretariat of the Pacific Community



# GENDER DIMENSIONS OF SCIENCE AND TECHNOLOGY IN AGRICULTURE AND CLIMATE CHANGE

## CASE STUDY

### DEVELOPMENT OF SUSTAINABLE AGRICULTURE IN THE PACIFIC (DSAP) PROJECT





**Development of Sustainable Agriculture in the Pacific**



**DEVELOPMENT FOR SUSTAINABLE  
AGRICULTURE IN THE PACIFIC  
( DSAP )**





## DSAP I

Fiji  
 French Polynesia  
 Kiribati  
 PNG  
 Samoa  
 Solomon Islands  
 Tonga  
 Tuvalu  
 Vanuatu  
 Wallis & Futuna



## DSAP II

Cook Islands,  
 FSM,  
 Marshall Islands,  
 Nauru,  
 Niue,  
 Palau



**DEVELOPMENT FOR SUSTAINABLE  
 AGRICULTURE IN THE PACIFIC  
 ( DSAP )**





## **Overall Objective**

To improve food security and livelihood of target farm families

## **Project Purpose**

Increased sustainable agricultural production



**DEVELOPMENT FOR SUSTAINABLE  
AGRICULTURE IN THE PACIFIC  
( DSAP )**





## How does DSAP operate?

**SPC**



**COUNTRIES**

**National Steering Committee**

**National Staff – REA, GREa, ECA**



**DEVELOPMENT FOR SUSTAINABLE  
AGRICULTURE IN THE PACIFIC  
( DSAP )**





# THE DSAP PROCESS

**Consult with farmers**

**Collaborate with other units within the ministry**

**Engage in partnerships with other organisations**

**Include women and youth in our activities**



**DEVELOPMENT FOR SUSTAINABLE  
AGRICULTURE IN THE PACIFIC  
( DSAP )**





## Results

- Farmer specific production problems and solutions identified.
- Appropriate technologies developed from on-farm demonstrations.
- NARES and NGO staff skills upgraded in participatory methods and technical skills
- Appropriate technologies promoted



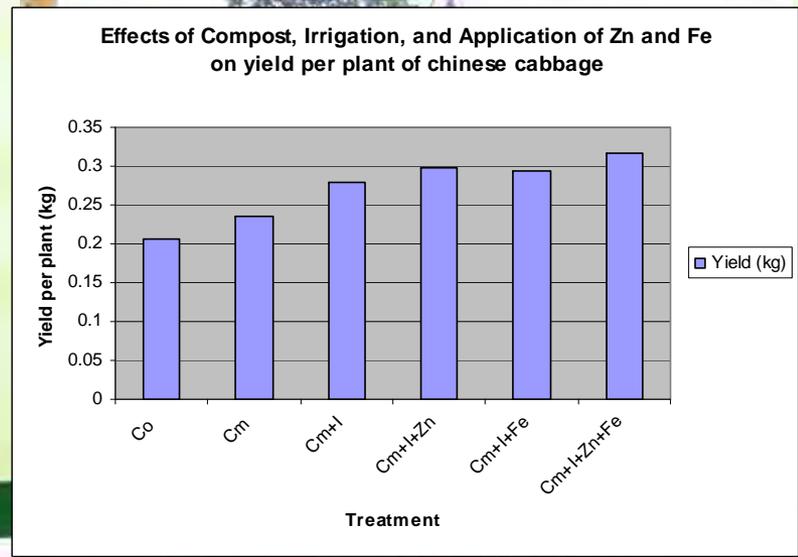
# CLIMATE CHANGE EFFECTS



# DSAP TECHNOLOGIES



Soil improvement



# DSAP TECHNOLOGIES



BIS



# DSAP TECH



*Evaluation of tissue culture plantlets*





TECHNO



*Other Activities*





On farm Trials



# GENDER REVIEW OF DSAP

- Gender mainstreaming – goal
- Gender enabling factors
  - Political will and leadership
  - Appropriate policy framework
  - Structure and mechanism within
  - Human and financial resources
  - Sex-disaggregated data
    - Supporting tools and skills to use them
  - Motivation from civil society and stakeholders
- Gender sensitivity
  - Basic and strategic needs
  - Policy and programme level action
- Pacific Platform for Action (PPA)



# GENDER REVIEW FINDINGS (PROJECT)

- DSAP project has developed a solid foundation of gender enabling factors in all 16 project countries
- Gender sensitizing training of staff and partners
- Representation by gender in all DSAP publications
- Strategic selection of project partners
  - Tonga Development Community Trust women projects
  - PNG school partnerships
  - Kiribati and youth projects



# GENDER REVIEW FINDINGS (PROJECT OUTCOMES)

- Engendered
  - Atmosphere of hope and direction in rural communities for females and males
  - Remarkable no. of women participating in DSAP project (NSC, PRA, activities, disaggregating data by sex, level of participation)
  - Technologies promoted are those males and females have requested, fit family food needs and resources
  - DSAP teams have succeeded in establishing the sense of mutual trust and confidence
  - Tonga (tapa making), Fiji (separation of male and female activities), PNG (taro farm and a female member of the Trade Mission team visit to Fiji)



# ENGENDERED AGRICULTURE PROJECT



# THE GENDER SENSITIZED DSAP TEAM!



**AWARDED THE SPC GENDER AWARD!**



**DEVELOPMENT FOR SUSTAINABLE  
AGRICULTURE IN THE PACIFIC  
(DSAP)**



# OVERVIEW OF ISSUES

- Lessons learned
  - Usage of participatory/consultative methods
  - Capitalizing on gender roles of community member
  - Technologies developed are gender sensitive
  - Collaborative efforts with relevant sectors
  - Client oriented



# OVERVIEW OF ISSUES

- Challenges
  - Takes time and commitment
  - Adherence to cultural norms and values
  - Building trust requires keeping your word
  - Move on with success stories
  - Learn from failures and move on



# OVERVIEW OF ISSUES

- Impacts
  - Improve farm households' (female/male headed) livelihood
  - and more.....

## Documents:

1. Case Studies, Lessons from the field, THE DSAP EXPERIENCE
2. A participatory toolkit for sustainable agriculture programmes in the Pacific – THE DSAP EXPERIENCE

## Download:

- [http://www.spc.int/lrd/index.php?option=com\\_docman&Itemid=138](http://www.spc.int/lrd/index.php?option=com_docman&Itemid=138)



# THANK YOU!



**DEVELOPMENT FOR SUSTAINABLE  
AGRICULTURE IN THE PACIFIC  
(DSAP)**

