

562 National Agriculture Research Institute

(in Millions of Kina)

PIP No.	Project Title	5 Year Total	2009	2010	2011	2012	2013
2042	RICE AND GRAIN	3.0	.9	1.0	1.0	1.0	
2088	ACIARRAD	13.9	3.5	3.5	3.5	3.5	
2669	TECHNOLOGY TRANSFER	2.4	1.0	.8	.8	.8	
TOTAL CAPACITY BUILDING PROJECTS		19.3	5.4	5.3	5.3	5.3	
2827	pngausagri	52.2	13.1	13.1	13.1	13.1	
TOTAL CAPITAL PROJECTS		52.2	13.1	13.1	13.1	13.1	
TOTAL		71.5	18.5	18.4	18.4	18.4	

AGENCY SUMMARY OF ALL PROJECTS

EXPENDITURE PROJECTIONS AND FINANCING REQUIREMENTS (K Millions)

PROJECT COST		2007 Actual	2008	5 Year Total	2009	2010	2011	2012	2013
DIRECT PROJECT COST									
Current Expenditure									
Personal Emoluments			.1						
Current Transfers									
Goods and Other Services			11.8	4.9	1.3	1.2	1.2	1.2	
Sub-Total			11.9	4.9	1.3	1.2	1.2	1.2	
Capital Expenditure									
Capital Transfers									
Acquisition of Existing Assets									
Capital Formation			8.1	68.5	17.1	17.1	17.1	17.1	
Sub-Total			8.1	68.5	17.1	17.1	17.1	17.1	
A	TOT DIRECT PROJECT COST		20.0	73.4	18.4	18.3	18.3	18.3	
Technical Assistance									
Project Preparation									
Equipment									
Advisory									
Training									
B	TOT TECHNICAL ASSISTANCE								
TOTAL PROJECT COST (A+B)			20.0	73.4	18.4	18.3	18.3	18.3	
FINANCING SOURCES									
IDENTIFIED FINANCING									
Direct Project Financing:									
Government Contributions:									
Loan									
Grant			18.7	66.2	16.5	16.5	16.5	16.5	
b) Self Generating Revenue									
a) Government Input			1.2	5.4		1.8	1.8	1.8	
C	TOTAL DIRECT FINANCING		19.9	71.6	16.5	18.3	18.3	18.3	
Technical Assistance									
D	TOTAL FINANCING (C+D)		19.9	71.6	16.5	18.3	18.3	18.3	
FINANCING SOUGHT									
Direct Project Cost (A-C)			.1	1.8	1.9				
Technical Assistance (B-D)									
TOTAL FINANCING SOUGHT			.1	1.8	1.9				

PIP NUMBER: 2042

PROJECT NAME: RICE AND GRAIN RESEARCH PROGRAMME

EXECUTING AGENCY: National Agriculture Research Institute

PROJECT OBJECTIVIES:

The objective of the project is to contribute to improve productivity, quality and production, develop marketing and demand, and enhance entrepreneurial skills in the rice and grain sector of PNG agriculture through applied, adaptive and development oriented research on all facets of grain and rice crops from production, protection, processing and marketing to demand and consumption.

PROJECT STATUS:

The NARI's staff are continuing with the literature review, development of land, soil and water for multiple blocks, and review on doing rice pest management. Multi-site trials are already being done around the country and are currently maintaining over 200 rice varieties, 12 maize and 8 peanut varieties at the present stage.

PROJECT COMPONENTS:

The programme components include - (1) Review of research and development; (2) Management and evaluation of genetic materials; (3) Assessment and adaptability of crops and their species; (4) Crop management practices; (5) Cropping system integration; (6) Soil and water pest management; (7) Small-scale mechanization for crop cultivation and post harvest operations; (8) Farming systems Research; (9) Applied Research- Processing, Storage, Packaging and Transportation (10) Economics of Grain Production under Various Farming Environment; (11) Market Research; (12) Complementary Research: Feed Formulation and advanced processing; (13) Skills in Enterprise Development and Management; (14) Mapping of Areas suitable for rice and grain farming (15) Development of seed supply systems; (16) Provision of information, Training and Education and Research and Policy Advice on Food and Nutrition.

PROJECT LOCATION:

The project is located at the main Grain Research Centre in Lae with research extensions to smallholder farmers in Sepik, Madang, Morobe, East New Britain, Bougainville and Central Provinces.

PROJECT JUSTIFICATION:

Rice and Grains have emerged strongly during the post war era and by now have become prominent in the PNG food basket; contributing a significant part to national nutrition and calorie requirements, and thereby playing critical role in National Food Security. Research in this programme is vital so as to support the National Food Security policy in PNG.

PROJECT CAPACITY:

NARI has the Institutional Capacity to implement the project with its existing research facilities and research areas through out the country.

PROJECT BENEFICIARIES:

The main beneficiaries of the project will be the smallholder farmers having access to better techniques and methods of rice and grain farming and production. Also the People of Papua New Guinea will benefit by being able to consume our own domestically produced and processed rice and grain products.

PROJECT SUSTAINABILITY

The project can be sustained through better specialist manpower and research facilities provided by NARI.

2042 RICE AND GRAIN RESEARCH PROGRAMME

ESTIMATED TOTAL PROJECT COST 820.0 ESTIMATED DURATION OF THE PROJECT 1.0 Years

EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST		2007 Actual	2008 Bugdet	5 Year Total	2009	2010	2011	2012	2013
DIRECT PROJECT COST									
Current Expenditure									
Personal Emoluments			82.3						
Goods and Other Services			419.8	2,708.0	587.0	707.0	707.0	707.0	
Current Transfers				32.0	8.0	8.0	8.0	8.0	
Sub-Total			502.1	2,740.0	595.0	715.0	715.0	715.0	
Capital Expenditure									
Acquisition of Existing Assets									
Capital Formation			97.9	1,140.0	285.0	285.0	285.0	285.0	
Capital Transfers									
Sub-Total			97.9	1,140.0	285.0	285.0	285.0	285.0	
A	TOT DIRECT PROJECT COST		600.0	3,880.0	880.0	1,000.0	1,000.0	1,000.0	
Technical Assistance									
Project Preparation									
Advisory									
Training									
Equipment									
B	TOT TECHNICAL ASSISTANCE								
TOTAL PROJECT COST (A+B)			600.0	3,880.0	880.0	1,000.0	1,000.0	1,000.0	
FINANCING SOURCES									
IDENTIFIED FINANCING									
Direct Project Financing:									
Government Contributions:									
a) Government Input			600.0	3,000.0		1,000.0	1,000.0	1,000.0	
b) Self Generating Revenue									
Loan									
Grant									
C	TOTAL DIRECT FINANCING		600.0	3,000.0		1,000.0	1,000.0	1,000.0	
Technical Assistance									
D	TOTAL FINANCING (C+D)		600.0	3,000.0		1,000.0	1,000.0	1,000.0	
FINANCING SOUGHT									
Direct Project Cost (A-C)				880.0	880.0				
Technical Assistance (B-D)									
TOTAL FINANCING SOUGHT				880.0	880.0				

CURRENT DONOR INVOLVEMENT

The project is currently fully funded by the National Government.

POTENTIAL DONOR INVOLVEMENT

Further assistance may be sought from donors to assist in the implementation of the project.

2009 Budget Votes for this PIP are :-

56231011208 RICE AND GRAIN RESEARCH PROGRAMME

PIP NUMBER: 2088

PROJECT NAME: ACIAR RESEARCH AND DEVELOPMENT

EXECUTING AGENCY: National Agriculture Research Institute

PROJECT OBJECTIVIES:

The objective is to provide research & development planning and management services into AusAID's program of agricultural and rural development agreed with the government of PNG. It will assist PNG research capacity in collaborative research, information sharing with outcome benefiting both countries.

PROJECT STATUS:

ACIAR's collaborative program of agricultural reserach with PNG commenced in 1983 and will continue on. Four projects have been funded by ACIAR so far.

PROJECT COMPONENTS:

The program has two components: Renewable Resource Development and Capacity Building.

PROJECT LOCATION:

Program has projects located natiowide.

PROJECT JUSTIFICATION:

PNG has large renewable resources sector which if fully developed, will benefit the country and its people.

PROJECT CAPACITY:

It is anticipated that the project will enhance the capacity of the participating institutions and transfer skills & knowledge to Papua New Guineans. Thus the Papua New Guineans will have the capacity.

PROJECT BENEFICIARIES:

The beneficiaries will be the participating institutions, staff, the people, the farmers and the nation as a whole.

PROJECT SUSTAINABILITY

Upon completion of the projects, the activities will be included in the recurrent budget of the participating organisations.

2088 ACIAR RESEARCH AND DEVELOPMENT

ESTIMATED TOTAL PROJECT COST 2,923.1 ESTIMATED DURATION OF THE PROJECT 5.0 Years

EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST		2007 Actual	2008 Budget	5 Year Total	2009	2010	2011	2012	2013
DIRECT PROJECT COST									
Current Expenditure									
Personal Emoluments									
Goods and Other Services			3,938.9						
Current Transfers									
Sub-Total			3,938.9						
Capital Expenditure									
Acquisition of Existing Assets									
Capital Formation				13,929.2	3,482.3	3,482.3	3,482.3	3,482.3	
Capital Transfers									
Sub-Total				13,929.2	3,482.3	3,482.3	3,482.3	3,482.3	
A	TOT DIRECT PROJECT COST		3,938.9	13,929.2	3,482.3	3,482.3	3,482.3	3,482.3	
Technical Assistance									
Project Preparation									
Advisory									
Training									
Equipment									
B	TOT TECHNICAL ASSISTANCE								
TOTAL PROJECT COST (A+B)			3,938.9	13,929.2	3,482.3	3,482.3	3,482.3	3,482.3	
FINANCING SOURCES									
IDENTIFIED FINANCING									
Direct Project Financing:									
Government Contributions:									
a) Government Input									
b) Self Generating Revenue									
Loan									
Grant			3,938.9	13,929.2	3,482.3	3,482.3	3,482.3	3,482.3	
C	TOTAL DIRECT FINANCING		3,938.9	13,929.2	3,482.3	3,482.3	3,482.3	3,482.3	
Technical Assistance									
D	TOTAL FINANCING (C+D)		3,938.9	13,929.2	3,482.3	3,482.3	3,482.3	3,482.3	
FINANCING SOUGHT									
Direct Project Cost (A-C)									
Technical Assistance (B-D)									
TOTAL FINANCING SOUGHT									

CURRENT DONOR INVOLVEMENT

The project is currently fully funded by AusAID.

POTENTIAL DONOR INVOLVEMENT

The project is fully funded by AusAID and potential of other donors involving in the future will entirely depend c

2009 Budget Votes for this PIP are :-

56231011210 ACIAR RESEARCH AND DEVELOPMENT

PIP NUMBER: 2669

PROJECT NAME: TECHNOLOGY TRANSFER & EXTENSION TRAINING PROJECT

EXECUTING AGENCY: National Agriculture Research Institute

PROJECT OBJECTIVIES:

The objective is to improve agricultural productivity and raise income levels of smallholder farmers through effective interaction between NARI and its various stakeholders and facilitate sourcing, management and dissemination of information.

PROJECT STATUS:

This is a new project which has just commenced implementation in 2007. So far implementation of the project is progressing according to schedule and budget.

PROJECT COMPONENTS:

The project components include; (1) Processing, packaging and dissemination of information and technologies; (2) Supply of foundation seed and prototype materials for multiplication and dissemination; (3) Field-days associated with on-farm participatory adaptive research and demonstrations for technology verification and dissemination; (4) Identification of training needs to upgrade skills among key stakeholders and partners, and development of training methods materials; and (5) Consultations with stakeholders.

PROJECT LOCATION:

The project will be coordinated at the NARI headquarters in Lae. However, other components of the project will be implemented at all NARI research stations around the country.

PROJECT JUSTIFICATION:

The projects supports the enhancement of production in the agriculture sector to enable food security, import substitution, export income and wealth generation.

PROJECT CAPACITY:

NARI will be implementing the project through utilization of existing research and technical staff. The project will be coordinated at NARI headquarters and implemented through research and outreach staff at all NARI sites.

PROJECT SUSTAINABILITY

It is anticipated that the project will be sustained through NARI's recurrent budget at the end of the project.

2669 TECHNOLOGY TRANSFER & EXTENSION TRAINING PROJECT

ESTIMATED TOTAL PROJECT COST 2,000.0 ESTIMATED DURATION OF THE PROJECT 5.0 Years

EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST		2007 Actual	2008 Budget	5 Year Total	2009	2010	2011	2012	2013
DIRECT PROJECT COST									
Current Expenditure									
Personal Emoluments									
Goods and Other Services			400.0	2,236.0	709.0	509.0	509.0	509.0	
Current Transfers									
Sub-Total			400.0	2,236.0	709.0	509.0	509.0	509.0	
Capital Expenditure									
Acquisition of Existing Assets									
Capital Formation			200.0	1,164.0	291.0	291.0	291.0	291.0	
Capital Transfers									
Sub-Total			200.0	1,164.0	291.0	291.0	291.0	291.0	
A	TOT DIRECT PROJECT COST		600.0	3,400.0	1,000.0	800.0	800.0	800.0	
Technical Assistance									
Project Preparation									
Advisory									
Training									
Equipment									
B	TOT TECHNICAL ASSISTANCE								
TOTAL PROJECT COST (A+B)			600.0	3,400.0	1,000.0	800.0	800.0	800.0	
FINANCING SOURCES									
IDENTIFIED FINANCING									
Direct Project Financing:									
Government Contributions:									
a) Government Input			600.0	2,400.0		800.0	800.0	800.0	
b) Self Generating Revenue									
Loan									
Grant									
C	TOTAL DIRECT FINANCING		600.0	2,400.0		800.0	800.0	800.0	
Technical Assistance									
D	TOTAL FINANCING (C+D)		600.0	2,400.0		800.0	800.0	800.0	
FINANCING SOUGHT									
Direct Project Cost (A-C)				1,000.0	1,000.0				
Technical Assistance (B-D)									
TOTAL FINANCING SOUGHT				1,000.0	1,000.0				

CURRENT DONOR INVOLVEMENT

There is currently no donor agency involved in the project implementation but the National Government.

POTENTIAL DONOR INVOLVEMENT

There is no potential for donor involvement.

2009 Budget Votes for this PIP are :-

56231011213 TECHNOLOGY TRANSFER AND EXTENSION TRAINING

PIP NUMBER: 2827

PROJECT NAME: PNG/AUSTRALIA AGRICULTURE RESEARCH & DEVELOPMENT

EXECUTING AGENCY: National Agriculture Research Institute

PROJECT OBJECTIVIES:

To develop and establish the National Agriculture Research System (NARS) and the National Agriculture Research Information System (NARIS) that will enable the selected national agriculture research and development organizations to deliver improved services to their rural stakeholders.

PROJECT STATUS:

2008 was the first year of implementation of this project. But due to the lack of reporting from the donor agent, the current status of implementation was not established.

PROJECT COMPONENTS:

The project will be implemented through three integrated components as follows:

- 1)Institutional Development of the National Agriculture Research Institute (NARI),
- 2)Institutional Development of the National Agricultural Research Systems (NARS), 3)The Agricultural Innovations Grants Scheme (AIGS).

PROJECT LOCATION:

The project will be jointly coordinated by all the National Agriculture Research System (NARS) and the Department of National Planning and Monitoring.

PROJECT JUSTIFICATION:

This project is aimed at capacity strengthening of the National Agriculture Research and Development Institutions to improve services to the farming community. Its goal is to enable increased opportunities for rural smallholder farmers in PNG to generate income, maintain food security and improve their livelihoods. The focus on governance improvements goes hand-in-hand with the focus on service delivery achieving impact at the farm level.

PROJECT CAPACITY:

The selected National Agriculture Research Institutions (NARI's) and Organizations under the National Agriculture Research System (NARS) through the Agriculture Research Development Support Facility (ARDSF) has the capacity to implement this project.

PROJECT BENEFICIARIES:

The project will benefit all the selected National Agriculture Research Institutions and Organizations involved in this collaborative project and the general rural farmers nationwide.

PROJECT SUSTAINABILITY

Once the National Agriculture Research System (NARS) and National Agriculture Research Information System (NARIS) are fully established through the support of the Agriculture Research Development Support Facility (ARDSF) then it can be taken care-off under NARS recurrent budget.

2827 PNG/AUSTRALIA AGRICULTURE RESEARCH & DEVELOPMENT

ESTIMATED TOTAL PROJECT COST 6,000.0 ESTIMATED DURATION OF THE PROJECT 5.0 Years

EXPENDITURE PROJECTION AND FINANCING REQUIREMENTS (K'000)

PROJECT COST		2007 Actual	2008 Budget	5 Year Total	2009	2010	2011	2012	2013
DIRECT PROJECT COST									
Current Expenditure									
Personal Emoluments									
Goods and Other Services			7,000.0						
Current Transfers									
Sub-Total			7,000.0						
Capital Expenditure									
Acquisition of Existing Assets									
Capital Formation			7,771.0	52,234.8	13,058.7	13,058.7	13,058.7	13,058.7	
Capital Transfers									
Sub-Total			7,771.0	52,234.8	13,058.7	13,058.7	13,058.7	13,058.7	
A	TOT DIRECT PROJECT COST		14,771.0	52,234.8	13,058.7	13,058.7	13,058.7	13,058.7	
Technical Assistance									
Project Preparation									
Advisory									
Training									
Equipment									
B	TOT TECHNICAL ASSISTANCE								
TOTAL PROJECT COST (A+B)			14,771.0	52,234.8	13,058.7	13,058.7	13,058.7	13,058.7	
FINANCING SOURCES									
IDENTIFIED FINANCING									
Direct Project Financing:									
Government Contributions:									
a) Government Input									
b) Self Generating Revenue									
Loan									
Grant			14,771.0	52,234.8	13,058.7	13,058.7	13,058.7	13,058.7	
C	TOTAL DIRECT FINANCING		14,771.0	52,234.8	13,058.7	13,058.7	13,058.7	13,058.7	
Technical Assistance									
D	TOTAL FINANCING (C+D)		14,771.0	52,234.8	13,058.7	13,058.7	13,058.7	13,058.7	
FINANCING SOUGHT									
Direct Project Cost (A-C)									
Technical Assistance (B-D)									
TOTAL FINANCING SOUGHT									

CURRENT DONOR INVOLVEMENT

The projects is fully funded by AusAID.

POTENTIAL DONOR INVOLVEMENT

There is no other donor agency involved in this proejct but AusAID.

2009 Budget Votes for this PIP are :-

56231011219 PNG/AUSTRALIA AGRICULTURE RESEARCH & DEVI