

Annex 7. Sample of Scaling up Plan for Water-saving Technologies for Implementation in Mindanao

Group 4

Scaling up plan for water saving technologies

Members:

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A. Brief Description of the Project

Rationale

- Water is getting scarce now a days especially in the Irrigation Systems of Mindanao.
- 4 out of 10 CIS are running-out of Supply (UP Mindanao)
- 70% of total SA is irrigated during WS, 60% during DS (NIA-X)
- NIA is focusing on physical facilities; the capacity of government to finance is limited.
- Hence this project is directed towards least cost-options such as WST (CI, AWD, Aerobic Rice Farming, Crop Diversification)

Impact or Change Desired:

- 100% O & M personnel and stakeholders trained
- 100% IA Leaders trained

Objectives:

- To train the O & M personnel and stakeholders
- To adopt the WST at the farmers level

Variables to be monitored:

- Water supply
 - Diversification Weir – (Teruvian Type, water Pump, check structures)
- Status of irrigation facilities
 - Constructed

- Water delivery
 - rotational basis per division
- Farmer's Practices
 - The federation of IA prepares the cropping calendar
 - Water depth being maintained (2-3 cm)
- Farmer's Organization and support groups
 - Role of farmers and organization in O & M
 - Role of Support groups in farming activities

Target Audience

Group A- Stakeholders (Regional Level)

- | | | | |
|---------|------------|-----------------|------------|
| - NIA | - PHILRICE | - LGU | - ATI |
| - SCU's | - RFI | - RFIA's/PFIA's | - DA-RFU's |

Group B- Agricultural Extension Workers (Provincial Level)

- NIA-WRFT's - DA-AT's
- LGU AT's
- NGO's

Group C- Farmers (Municipal Level)

- IA's
- Coop Members
- Other Farmers

Change Motivations:

- Time
- Money
- Social impact

Consequences of Change

- Increased Irrigated Area or CI
- Increased the rice yield in Mindanao Region and the crops production
- Harmonious relationship among water-users

- Improve the quality of life of the farmers

Approaches to be adopted:

- Radio program on the Dissemination of water saving technologies
- Conduct IA training on WST
- Conduct actual hands-on in the field
- Conduct sectoral meetings
- Distribute leaflets/comics
- Conduct field day

Target Change Events

- *Extensions Method to be Adopte*
 - Meetings @ Regional Level (for Group A)
 - Training/ Practicum @ Provincial Level (for group B)
 - Training/ Techno Demo/FFS @ Municipal Level (for Group C)