



Republic of Rwanda
Ministry of Education



RTB | RWANDA
TVET BOARD

WIRCM401

PARTICIPATING IN IRRIGATION COMMUNITY MOBILIZATION

Participate in irrigation community mobilization

Competence

RQF Level: 4

Learning Hours



40

Credits: 4

Sector: Agriculture and food processing

Trade: Water and Irrigation

Module Type: Specific

Curriculum: TVET Certificate IV in Water and Irrigation

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1200

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Education

Purpose statement	This module describes the skills, knowledge and attitude required to participate in irrigation community mobilization. At the end of this module, learners will be able to identify mobilization objectives and methodologies, prepare for mobilization activities, disseminate information to support change, monitor and evaluate mobilization outcomes. Qualified learners deemed competent to this competency may work alone or with others on routine tasks in marshland, hillside, small scale irrigation, garden, greenhouses, agricultural land, rain water harvesting, in-situ rain water harvesting and ground water harvesting related activities under minimum supervision.						
Learning assumed to be in place	N.A						
Delivery modality	Training delivery			100%	Assessment		Total 100%
	Theoretical content			30%	Formative assessment	30%	50%
	Practical work:			70%		70%	
	Group project and presentation	20%					
	Individual project /Work	50%					
				Summative Assessment			50%

Elements of Competence and Performance Criteria

Elements of competence	Performance criteria
1. Identify mobilization objectives and methodologies	1.1 Proper identification of the problem within the farmers' community
	1.2 Correct designing of strategies to resolve the identified community problem

	1.3 Suitable setting of objectives related to the community mobilization in consultation with other staff members.
	1.4 Proper establishment of irrigation community groups to be mobilized in accordance with objectives, information to be disseminated and farmers 'needs
	1.5 Proper selection of mobilization methodology in accordance with objectives
2. Prepare for mobilization activities	2.1 Timely holding preliminary meetings with community leaders and enlist their support to mobilize community participation
	2.2 Adequate identification of beneficiaries' knowledge and skills gap to facilitate in mobilization activities for the implementation of improved practices.
	2.3 Absolute confirmation of risk management strategies in consultation with other staff members.
	2.4 Effective confirmation of resources and preparation of materials to be used
	2.5. Proper organization of mobilization activities in accordance with enterprise responsibilities.
3. Disseminate information to support change	3.1 Systematic provision of information and advices to the targeted group.
	3.2. Adequate maintaining presentation standards in terms of concepts, language and format for consistence of provided information and understanding
	3.3. Continuous assistance to the community in implementation and appropriate reactions against changes resistance.
	3.4. Regular seeking of feedback from the community to clarify issues and provide further information.
4. Monitor and evaluate	4.1. Regular monitoring of change processes in the community and

mobilization outcomes	handling of contingencies.
	4.2. Continuous monitoring and evaluation of outcomes against mobilization objectives, and proper revision of processes and materials to address identified problems.
	4.3. Timely reporting to the supervisor and inform all stakeholders

Course content

Learning outcomes	At the end of the module the learner will be able to: 1. Identify mobilization objectives and methodologies 2. Prepare for mobilization activities 3. Disseminate information to support change 4. Monitor and evaluate mobilization outcomes
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5. Learning outcome 1: Identify mobilization objectives and methodologies	Learning hours: 10
Indicative content	
✓ Typical problems in irrigation scheme: • Sharing equity among water users • Adoption of a new irrigation technique • Adoption of a new crop variety ✓ Problem statement and gathering information procedures ✓ Types of the problem in irrigation scheme ✓ Problem focus: • People • Resources • Environment ✓ Problem solving techniques ✓ Problem solving process ✓ Strategy tools for community problem solving: • Organization and agenda – • Planning	

• Implementation • Negotiations ✓ Approaching the problem-solving strategies ✓ Characteristics of the objectives ✓ Steps in setting objectives ✓ Community mobilization sector goals: • Participation • Accountability • Good governance • Peaceful change ✓ Reasons to form a community group ✓ Steps to form a community group ✓ Principles of mobilization ✓ Issues in mobilization activities ✓ Mobilization methods	
Resources required for the learning outcome	
Equipment	▪
Materials	- Flip chart - Markers - DVD - Internet connection - Books - Technical manual
Tools	▪
Facilitation techniques or Learning activity	▪ Individual and Work group ▪ Practical exercise

	▪ Group discussion
Formative assessment methods /(CAT)	▪ Written assessment ▪ Oral assessment ▪ Performance assessment

Learning outcome 2: Prepare for mobilization activities		Learning hours: 20
Indicative content		
• Elements of design and delivery of meeting: • Need and opportunity assessment • Planning and management • Message development • Delivery • Evaluation • Classification of beneficiaries according to: • Knowledge • Skills gap • Steps in setting risk management strategies • Risk management strategies • Types of material and resources to be used in mobilization activities		
Resources required for the indicative content		
Equipment	▪	
Materials	Flip chart Markers DVD Internet connection Books	

	▪ Technical manual
Tools	▪
Facilitation techniques or Learning activity	▪ Individual and Work group ▪ Practical exercise ▪ Group discussion
Formative assessment methods /(CAT)	▪ Written assessment ▪ Oral assessment ▪ Performance assessment ▪ Project based assessment

Learning outcome 3: Disseminate information to support change		Learning hours: 20
Indicative content		
✓ Ways to give advices • Presentation tips: • Prepare • Design • Deliver • Reasons why community resist change		
Resources required for the indicative content		
Equipment	▪	
Materials	▪ Flip chart ▪ Markers ▪ DVD ▪ Internet connection ▪ Books ▪ Technical manual	
Tools	▪	

Facilitation techniques or Learning activity	▪ Individual and Work group ▪ Practical exercise ▪ Group discussion
Formative assessment methods /(CAT)	▪ Written assessment ▪ Oral assessment ▪ Performance assessment

Learning outcome 3: Monitor and evaluate mobilization outcomes		Learning hours: 20
Indicative content		
• Monitoring process • Monitoring strategies • Evaluation process • Information channels and their effectiveness • Report formats		
Resources required for the indicative content		
Equipment	▪	
Materials	▪ Flip chart ▪ Markers ▪ DVD ▪ Internet connection ▪ Books ▪ Technical manual	
Tools	▪	
Facilitation techniques or Learning activity	▪ Individual and Work group ▪ Practical exercise ▪ Group discussion	

Formative assessment methods /(CAT)	▪ Written assessment ▪ Oral assessment ▪ Performance assessment
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Integrated/Summative assessment

Integrated situation

RUGERAMIGOZI marshland is located in the Southern Province, Muhanga District in Nyamabuye and Shyogwe Sectors; and in Ruhango District in Byimana Sector, at 55 Km from Kigali City. The rehabilitated marshland counts in total 120 Ha. Recently, Rural Sector Support Project (RSSP) has supported leveling activities and fertilizing of new plots (on 10 Ha) nearest the KIGALI-HUYE asphalted road.

Water users Association is in charge of water taxes collection, irrigation water management and maintenance of irrigation infrastructures. Recently, a final year student of UR-CAVM has conducted an internship on “RUGERAMIGOZI irrigation water management”.

During this internship, identifiable problems such as conflicts on sharing equity among water users, resistance in adoption a new rice variety and new rice cultivation practices were easily observed to occur. Also, participatory irrigation water management approach such participative maintenance of irrigation and drainage channels such as weeds removal, desilting of canals, canal banks protection against erosion, etc. has not been easily adopted. Consequently, canal breaches and blockages have been observed to be the main problem of lack of water in the plots and the rice yielding which was not very high as expected.

As an assistant in irrigation, you are proposed to participate in irrigation community mobilization of this swamp and to submit a daily report for all the planned schedule of this project.

The tasks should meet the following specifications:

- Identify mobilization objectives and methodologies
- Timely holding preliminary meetings with community leaders and enlist their support to mobilize community participation
- Organize mobilization resources and prepare materials to be used
- Establish the risk management strategies in consultation with other staff members.
- Disseminate information to support change
- Monitor and evaluate mobilization outcomes
- Timely report to the supervisor and inform all stakeholders

Task must be completed within 6 hours

Equipment	Tool box PPE Watch
Tools	✓ Books ✓ Technical manual
Materials/ Consumables	✓ Pencil ✓ Paper

Assessable outcomes	Assessment criteria (Based on performance criteria)	Indicator	Observation		Marks allocation
			Yes	No	
Identify mobilization objectives and methodologies	1.1 Proper identification of the problem	Problems within the farmers			2

	within the farmers' community	community are properly identified			
		Identification of the problem within the farmers' community			2
	1.2 Correct designing of strategies to resolve the identified community problem	Questionnaire			2
		Interview			2
		Meetings			2
	1.3 Suitable setting of objectives related to the community mobilization in consultation with other staff members.	Mobilization objectives			2
		People			2
		Resources			2
		Environment			2
	1.4 Proper establishment of irrigation community groups to be mobilized in accordance with objectives, information to be disseminated and farmers 'needs	Problems checklist			2
		Problems statements			2
		Common problems			2
		Levels of knowledge			2
	1.5 Proper selection of mobilization methodology in accordance with objectives,	Principles of mobilization			2
		Issues in mobilization activities			2
		Mobilization methods			2
	2.1 Timely	Need of			2

Prepare for mobilization activities	holding preliminary meetings with community leaders and enlist their support to mobilize community participation	assessment			
		Opportunity of assessment			2
		Planning			2
		Management			2
		Message development			2
		Delivery			2
		Evaluation			2
	2.2 Adequate identification of beneficiaries' knowledge and skills gap to facilitate in mobilization activities for the implementation of improved practices.	Knowledge			2
		Skills gap			2
	2.3 Absolute confirmation of risk management strategies in consultation with other staff members.	Steps in setting risk management strategies			2
		Risk management strategies			1
		Steps to establish a community group:			2
		Problems checklist			1
		Problems statements			2
		Common problems			1
		Levels of knowledge			2
	2.4 Effective confirmation of resources	Types of materials to be used in			2

	and preparation of materials to be used	mobilization activities			
		Types of resources to be used in mobilization activities			2
	2.5 Proper organization of mobilization activities in accordance with enterprise responsibilities .	Communications			1
		Meetings			2
Disseminate information to support change	3.1 Systematic provision of information and advices to the targeted group.	Oral			2
		SMS			2
		Email			1
	3.2 Adequate maintaining presentation standards in terms of concepts, language and format for consistence of provided information and understanding	Prepare			2
		Design			1
		Deliver			2
	3.3 Continuous assistance to the community in implementation and appropriate reactions against changes resistance.	Skills gap			2
		Risk minimization			2

	3.4 Regular seeking of feedback from the community to clarify issues and provide further information.	Innovation channels			2	
		Feedback seeking behaviour			2	
Monitor and evaluate mobilization outcomes	4.1 Regular monitoring of change processes in the community and handling of contingencies.	Monitoring process			2	
		Monitoring strategies			2	
	4.2 Continuous monitoring and evaluation of outcomes against mobilization objectives, and proper revision of processes and materials to address identified problems.	Monitoring process			2	
		Evaluation process			2	
	4.3 Timely reporting to the supervisor and inform all stakeholders	Information channels checklist			2	
		Information channels effectiveness			2	
		Report formats			2	
	Total marks					100
	Percentage Weightage					100%
Minimum Passing line % (Aggregate): 70%						

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