



**INCREASING AGRICULTURAL PRODUCTIVITY & ECOLOGICAL RELATIONSHIPS  
JOWHAR 05<sup>TH</sup> TO 11<sup>TH</sup> OF FEBRUARY 2023**

<b>NAME :</b>	<b>Ministry of Water &amp; Energy Hirshabelle</b>
<b>CITY:</b>	<b>Jowhar Hirshabelle</b>
<b>PROGRAMME OUTPUT:</b>	<b>The activity mainly addressed importance of Sustainable Integrated Water Resource Management Within the Shabelle River Basin</b>
<b>OUTPUT INDICATOR:</b>	<b>There were Forty (60) participants who were trained which consisted of 35 male and 25 female who were trained under this program and the all shared ideas and were very happy of the opportunity they got</b>
<b>ACTIVITY:</b>	<b>Increasing Agricultural Productivity &amp; Ecological Relationships</b>

Name(s) of Facilitator(s): Eng. Mohamed Abdi Sedow & Salah Abdulkadir Osman

Sex of Facilitator(s): Male

Dates and Duration of Training: **05th TO 11th** OF February 2023

Target Group: Youth and Women

**I - Introduction and Background:**

We are delighted to inform you about an upcoming training program that we are organizing in the Shabelle River Basin. The training will focus on sustainable integrated water resource management and is open to women and youth between the ages of 18-35 years old. Supported by German cooperation Deutsche zusammenarbeit.

**II – Training Topic and List of Training Materials:**

**Training topics**

- 1. INCREASING AGRICULTURAL PRODUCTIVITY**
- 2. ECOLOGICAL RELATIONSHIPS IN SUSTAINABLE WATER RESOURCE MANAGEMEN.**

**List training Materials**

- Flip chart
- ball Pens
- Stick Notes
- Marker pen
- Banners
- Projector
- computers

**III – Participants:**

Sex of participants (Insert Total Number per group):

Female (25 ) Male ( 35)

Background of female participants (Insert Total Number per group):

Single (10 ) Married ( 8)  
 Divorced ( 7) Rural (0 )  
 City. (25 ) Disability (2 )



Employed	(7 )	Unemployed	(18 )
Technical skill	(12 )	IDP	(9 )
Rent	(17 )	Owned	(8 )
Female headed household	(16 )	Disability	( )
<b>Background of male participants (Insert Total Number per group):</b>			
Single	(16 )	Married	( 10 )
Divorced	( 9 )	Rural	(0 )
City.	(35 )	Disability	(0 )
Employed	(19 )	Unemployed	(16 )
Technical skill	(8 )	IDP	(6 )
Rent	(23 )	Owned	(12 )
Female headed household	(8 )	Disability	( )
<b>Age of female participants (Insert Total Number per Group):</b>			
18 – 24	( 18 )	25 – 29	(5 )
30 – 35	( 2 )	35 – 40	(0 )
<b>Age of male participants (Insert Total Number per Group):</b>			
18 – 24	(19 )	25 – 29	( 11 )
30 – 35	( 5 )	35 – 40	(0 )
<b>Background of female participants income range(Insert Total Number per group):</b>			
\$0 – \$100	( 14 )	\$101 - \$300	(9 )
\$301 - \$500	( 2 )	\$501 - \$999	(0 )
\$1000 and Above	(0 )		
<b>Background of male participants income range(Insert Total Number per group):</b>			
\$0 – \$100	(13 )	\$101 - \$300	(14 )
\$301 - \$500	(8 )	\$501 - \$999	(0 )
\$1000 and Above	(0 )		
<b>Family source of income of female participants (Insert Total Number per group):</b>			
Private sector.	( 7 )	Self-employed	(17 )
Civil servant.	( )	NGO employee	(1 )
Other	( )		
<b>Family source of income of male participants (Insert Total Number per group):</b>			
Private sector.	(6 )	Self-employed	(21 )
Civil servant.	(2 )	NGO employee	(6 )
Other	(0 )		
<b>Education level of female participants (Insert Total Number per group):</b>			
None.	(0 )	Non-formal	(0 )
Primary level	(0 )	Intermediate	(0 )
Secondary	(20 )	College/University	(5 )
<b>Education level of male participants (Insert Total Number per group):</b>			
None.	( 0 )	Non-formal	(0 )



Primary level	( 0 )	Intermediate	( 0 )
Secondary	( 21 )	College/University	( 13 )

<b>IV – Proceedings:</b>	
Objectives:	The main objective of this training is to utilize the combined water resources of the Shabelle River, to grow our agricultural production.
Description of Activities	Training package for young men and women on Sustainable Integrated Water Resource Management Within the Shabelle River Basin
Documentation of Participant's Outputs (might include expectations, brainstorming, presentations, group work, individual exercise results, etc.) (per session)	
<p><b>1. SESSION 1: INCREASING AGRICULTURAL PRODUCTIVITY</b></p> <ol style="list-style-type: none"> <li>2. Overview of training participants introduction, agenda and objective of the training.</li> <li>3. Climate change mitigation</li> <li>4. Measures pertaining to water management to mitigate emissions in agriculture</li> <li>5. Water management options for improving adaptation and building resilience to climate change</li> <li>6. Irrigation- management, repair, renovation and restoration of river courses and irrigation canal directly linked to agriculture</li> <li>7. On farm irrigation water management.</li> <li>8. Watershed management.</li> <li>9. Integrated agriculture (farming for business and livelihood)</li> <li>10. Good agricultural practices</li> <li>11. Climatic change impacts on water</li> <li>12. Rain water harvesting and ground water recharging.</li> <li>13. Waste water reuse</li> </ol>	
<p><b>3. SESSION 2: ECOLOGICAL RELATIONSHIPS IN SUSTAINABLE WATER RESOURCE MANAGEMEN.</b></p> <ol style="list-style-type: none"> <li>4. Introduction to IWRM</li> <li>5. Strategic issues in water resources development and management.</li> <li>6. Conflict management</li> <li>7. Communication</li> <li>8. Water laws</li> <li>9. Drought management.</li> <li>10. Flood management.</li> <li>11. Environmental management.</li> <li>12. River protection</li> <li>13. Water quality.</li> <li>14. Water pollution.</li> </ol>	

<p><b>V – Results of Participants' Post Training Questionnaire (Please provide details of positive/negative feedback):</b></p> <ul style="list-style-type: none"> <li>• Reasons for participation: Gain experience,</li> <li>• Expectations from training: funding, knowledge, certificate</li> <li>• Relevance of Training: presentations, activities, and discussions</li> <li>• Importance of training for trainees’ work: Activities, discussions and presentations</li> <li>• Most/Least Beneficial Sessions: group work and discussions</li> </ul>
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- Weaknesses of the training: lack of transportation incentive for participants, according to distance which may far from some participants' houses including disabled people.
- Strengths of the training: training was focused and relevant to main objectives
- Participants' Intentions to use skills/knowledge received: very high
- Anticipated challenges to applying skills/knowledge received: shortage of resource and funding
- Recommendations for Improvement: The activity was very successful and the objective was greatly achieved by equipping the teachers with new concepts in teaching especially guiding on importance of teaching methodology stressing on importance of basing teaching methodology of child centered lessons. Equally selection of Teaching learning activities. This activity was really very important until the line ministry requested more training of such a type to be done in each district of Hirshabelle

#### VI - The Challenges faced in implementation

- . The number of youth interests in the activity was very high while the chances available was very little as selection was a problem.
- There's a big variation in price of materials at the time it was Quoted and present.

#### VII- Financial Expenditure

The funds used in this activity is just a fraction of the total grants awarded to Somali youth initiative. This is used in provision of learning materials, venue hire, refreshments and meals for the participants.

Tabulated below is the breakdown of the expenditure for our first activity.

Output	Description of the activity	Unit	Qt	Unit Price	Frequency	Total Cost
<b>Provision of training to 40 youth including women on young teacher training and literacy courses in the fight against ignorance</b>	Refreshment and lunch	Participants	60	\$7	7	\$2940
	Visibility Banner	Banner	1	\$100	1	\$100
	Hall rent	Venue	1	\$100	7	700
	Stick notes	Stationaries	17	\$5	1	\$85
	Ball Pen	Stationaries	7	\$8	1	\$56
	Flipchart	Stationaries	7	\$7	1	\$49
	Markpen	Stationaries	7	\$10	1	\$70
					<b>Total</b>	<b>\$4000.00</b>

#### VIII – Consultant's/Trainer's Comments and Recommendations:

to allocate incentives to participant for local transportation and also recommending fulltime training from 8am-2pm, participants would need enough time to express their opinions and to discuss more with facilitators to have full guidance.



# Training Photos



Prepared By: Eng: Mohamed Abdi Sedow

Date: 19/Feb/2023

