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cooperation

DEUTSCHE ZUSAMMENARBEIT

Implemented by:

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

TRAINING REPORT



| | | | |
|------------------------|---|-------|-------|
| Training name | Training on woman and youth on sustainable integrated water resource management within shabelle river basin | | |
| Training dates | 13 th - 17 th Feb, 2023 | | |
| Training facilitator | Mohamed ali abdi (facilitators) | | |
| Location | Goodir Mall – Beledweyne | | |
| Target group/s | Mothers, Village youth, students, wells associations and farmers. | | |
| Targeted groups | Females | Males | Total |
| | 15 | 15 | 30 |
| Report Submission date | 19 Feb, 2023 | | |

BACKGROUND

As the regulator of the electricity, water and alternative energy industry, MOEWR aims to ensure a reliable supply of electricity to the people of the two regions in developing the energy and water industry policy for Hirshabelle state, which is put into action through regulations and codes of practices, MOEWR Hirshabelle strives to create a market that promotes availability while ensuring reliability of electricity and clean water supply.

MOEWR Hirshabelle works to ensure access to reliable clean water resources for the state and ensuring the maintenance of groundwater to implementing aquifer plans and protective measures. The ministry's main goals are included to provide Hirshabelle state regions all necessary infrastructure services for sustainable delivery of energy and water resources in region

Based on the objectives mentioned above, this training was jointly organized by the German Cooperation and the Ministry of Water and Energy Resources in Beledweyne district.



TRAINING OF WOMEN AND YOUTH ON SUSTAINABLE INTERGRATED WATER RESOURCE MANAGEMENT WITHIN THE SHABELLE RIVER BASIN

TRAINING COURSES

1) INCREASING AGRICULTURAL PRODUCTIVITY

- Climate change mitigation
- Measures pertaining to water management to mitigate emissions in agriculture
- Water management options for improving adaptation and building resilience to climate change
- Irrigation- management, repair, renovation and restoration of river courses and irrigation canal directly linked to agriculture
- On farm irrigation water management.
- Watershed management.
- Integrated agriculture (farming for business and livelihood)
- Good agricultural practices
- Climatic change impacts on water
- Rain water harvesting and ground water recharging.
- Waste water reuse

2) ECOLOGICAL RELATIONSHIPS IN SUSTAINABLE WATER RESOURCE MANAGEMEN.

- Introduction to IWRM
- Strategic issues in water resources development and management.
- Conflict management
- Communication
- Water laws
- Drought management.
- Flood management.
- Environmental management.
- River protection
- Water quality.
- Water pollution.

TRAINING PLAN

WELCOME AND GENERAL INTRODUCTION

Session Objectives

- Explain the objectives and agenda of the training
- Relate the training objectives with the context of the district
- Establish network among the participants

Training Opening

Ministry of Water and Energy Resource Hirshabelle with collaboration of Germany Cooperation implemented the training. The training was opened with a word of prayer followed by an official opening from ministry Hiran coordinator's Mr. Awil who also conveyed to the participants a warm greeting and gratitude from all ministry leaders and members. Then; the training facilitator Mrs. Mohamed Ali Abdi welcomed the participants in a cordial manner. Underscore that this training is not only about learning integrated water management practice but also about networking and interacting with each other to form a long lasting friendship that can later be useful for supporting the community towards water and related aspects in the future. Participants were requested to introduce themselves and mention their titles, work experience, the organization/community they are representing and highlight top three expectations from the training

Training Expectations

The participants highlighted their expectation which was summarized in the following pullet points:

- To know more about water, irrigation and floods protection
- To know more about water and related issues
- To boost their knowledge t water quality management
- To be familiar with water laws in Hirshabelle state
- Get certification of attendance
- Get new friends and coworkers

Materials used during training

- Flip charts
- Projector
- Reference Manuals
- Presentation Graphics

Training/Learning Methods:

- Interactive presentations
- Large group discussion
- Practice in role play setting

Training norms (Ground rules)

The ground rules were written on flipchart, the norms were largely dictated by the participants and these norms meant to regulate the unnecessary disturbances that hinder the smooth run of the training:

- Switch off all mobile phones or put in silent mode.
- Raise hand for question, one after the other.
- Freedom of thought/opinion.
- Avoidance of unnecessary movements
- Punctuality
- Keeping to the topics.
- Respecting one's suggestions/view or answers
- Active participation

Target Audience and the participants

A total of 30 participants (15 youth male and 15 women groups from the parties of the society living in Beledweyne city and surrounding villages

Duration

The training on woman and youth on sustainable integrated water resource management within shabelle river basin was successfully conducted and continued for a period of 5 days (13th up to 17th Feb, 2023), having of class sessions followed by graphical representations.

Course Overview

Training on woman and youth on sustainable integrated water resource management within shabelle river basin was conducted in a way that it is different from the traditional training courses.

The facilitator referred the previous training and work experiences with the participants and guided the learning activities. The facilitator created a comfortable learning environment and promoted fair and free discussion, role playing and group work.

Learning Approach

An integrated learning approach was chosen since it enables all participants to master and learn the required skills to better manage water and environmental related aspects.

The Training Goal:

Training on woman and youth on sustainable integrated water resource management within shabelle river basin was carried out to provide the participants the essential knowledge, skills, and attitudes on how an integrated water and energy management can be reached through the different layers/scales of the government and society together.

Participants' Learning Objectives:

- 1) Ecological relationship in sustainable water resources management
 - Introduction to integrated water resource management
 - Strategic issue in water resources and management
 - water resource conflicts management
 - water laws
 - floods and drought management
 - environmental management
 - water quality protection
 - river protection and water pollution
- 2) Increasing Agricultural productivity
 - Climate change mitigation
 - Climate change impact on water
 - Water management for improving adaptation and building resilience to climate change
 - Measures pertaining to water management to mitigate emissions in agriculture
 - Irrigation, management, renovation and restoration of river courses and irrigation canals directly

linked to agriculture

- On farm irrigation water management
- Good agricultural practices
- Rain water harvesting and ground water recharging
- Watershed management
- Waste water reuse

Training agenda

| Date (13/02/2023) | | | | |
|-------------------|----------------------|--|-------------|----------------------------------|
| Days | Time | Session Objective | Facilitator | Method |
| Day 1: | 8:00 - 10:00 | Explain the objectives and agenda of the training | Mohamed | Full discussion |
| | 10:00 - 10:30 | Tea break | All | |
| | 10:30 - 12:30 | Introduction to integrated water resource management | Mohamed | |
| | 12:30 - 13:30 | Prayer and lunch | All | |
| | 13:30 - 14:30 | Strategic issue in water resources and management | Mohamed | |
| | 14:30 - 15:15 | water resource conflicts management and day Sessions summary | Mohamed | |
| Date (14/02/2023) | | | | |
| Day 2: | 8:00 - 10:00 | Water laws, floods and drought management | Mohamed | Including Large group discussion |
| | 10:00 - 10:30 | Tea break | All | |
| | 10:30 - 11:30 | Environmental management | Mohamed | Presentation |
| | 11:30 - 12:30 | Water quality protection | Mohamed | Presentation |
| | 12:30 - 13:30 | Prayer and lunch | All | |
| | 13:30 - 14:30 | River protection | Mohamed | Presentation |
| | 14:30 - 15:00 | Water pollution | All | discussion |
| | 15:00 - 15:30 | day Sessions summary, Questions and Wrap-up | All | |

| Date (15/02/2023) | | | | |
|-------------------|---------------|--|---------|------------------------------|
| Day 3: | 8:00 - 9:00 | Define and brief concepts about Climate change mitigation | Mohamed | Small group discussion |
| | 9:00 - 10:00 | Climate change impact on water | Mohamed | Discussion |
| | 10:00 - 10:30 | Tea break | All | |
| | 10:30 - 11:30 | Water management for improving adaptation and building resilience to climate change | Mohamed | Presentation |
| | 11:30 - 12:30 | Measures pertaining to water management to mitigate emissions in agriculture | Mohamed | Presentation |
| | 12:30 - 13:30 | Prayer and lunch | All | |
| | 13:30 - 14:55 | Irrigation, management, renovation and restoration of river courses and irrigation canals directly linked to agriculture | Mohamed | Presentation with discussion |
| | 15:00 - 15:30 | day Sessions summary, Questions and Wrap-up | All | |
| Date (16/02/2023) | | | | |
| Day 4: | 8:00 - 9:00 | Define and brief concepts about On farm irrigation water management | Mohamed | Review of Case References |
| | 9:00 - 10:00 | Protocol Good agricultural practices | Mohamed | Presentation |
| | 10:00 - 10:30 | Tea break | All | |
| | 10:30 - 12:30 | Rain water harvesting and ground water recharging | Mohamed | Presentation |
| | 12:30 - 13:30 | Prayer and lunch | All | |
| | 14:30 - 15:00 | Discussion on how participants harvest rainwater | All | Discussion |
| | 15:00 - 15:30 | day Sessions summary, Questions | Mohamed | |
| Date (17/02/2023) | | | | |
| Day 5: | 8:00 - 9:00 | Definition and methods Watershed management | Mohamed | Group exercise |
| | 9:00 - 10:00 | Approaches to Watershed management | Mohamed | Brainstorming |
| | 10:00 - 10:30 | Tea break | All | |
| | 10:30 - 11:30 | Waste water reuse and global context | Mohamed | Presentation |
| | 11:30 - 12:30 | Water reuse in local context | Mohamed | discussion |
| | 12:30 - 13:30 | Prayer and lunch | All | |
| | 13:30 - 14:30 | Participants recommendation and closing ceremony | Hamdi | Group exercise |

PARTICIPANTS FEEDBACK

During the training sessions, Feedback questions were asked to participants to receive their views and proposals on the topic and content of the Training.

- The participants have expressed their satisfaction with the organization of the training, examples used and key informative points.
- Participants expressed that the training re-energized and sensitized their responsibility in exercising greater role in saving the lives both rural and urban societies through integrated water resources management
- The participants have stated that the training has been entirely relevant to their environmental issues and expressed their gratitude that the training enhanced the sense of responsibility.
- Finally, participants indicated that the training was like coming with empty basket and going back with full basket of knowledge, experiences, moral and motivation for our day to day life.

CONCLUSION

All participants significantly admitted the training increased their level of knowledge and skills and MOWER's regional coordinator Mr. Awil muhumad Jibril have officially closed the training.

RECOMMENDATION

- Due to the limitation of such capacity building trainings and the participants continuously demanded mass trainings. Therefore, the facilitators and the trainees suggest the following recommendations:
- More Trainings for awareness raising and capacity building.

PHOTOS



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02/16/2023 09:23 AM

4.742645°, 45.207522°

39.717308m

1600.0m

Capture by Survey cam



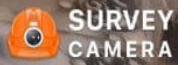
02/15/2023 09:41 AM

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02/15/2023 09:40 AM

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Capture by Survey cam







02/13/2023 10:58 AM
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02/13/2023 11:05 AM
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02/13/2023 10:57 AM
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Capture by Survey cam



02/15/2023 09:40 AM
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Capture by Survey cam





02/16/2023 09:36 AM

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39.717308m

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