

Training in manufacturing of biomass Briquettes using Activity Report.

NDC Support Programme

District: Koboko District

Name of person reporting:
Apayi Salila

Location of activity: North Division at pearl primary school

Dates: 03/08/2020-04/08/2020

Name of Group: Community Empowerment and Rehabilitation Initiative for Development (CERID).

Post held in group:
Project officer

Cost incurred in Uganda Shillings:
16,394,000

Purpose of Activity:

The purpose of the activity is to train women and youths on making and production of biogas briquettes within Koboko Municipality and District.

In doing so CERID pursued the service of Mr. Mambo Wilson, the briquette trainer from Uganda Industrial Research Institute who is technical person.

In line with that, CERID organized and trained 31 women and youths in Briquettes making and production from waste biomass for 02 days at Pearl Nursery and Primary school in Koboko Municipality, Koboko District starting from 03rd to 4th August 2020.

Specific objectives of the activity; planned targets and achievements.

- ❖ To create a sense of sustainability among women and youth through building their capacity in briquettes manufacturing
- ❖ Empower the youth and the women within Koboko with the knowledge of manufacturing biogas briquettes.
- ❖ To empower the youth and the women within Koboko District and the Municipality to be able to conserve their environment.
- ❖ To create employment opportunities for the women and youths

The table below shows the number of participants reached by the activity

Indicator	Target	Achieved
# of participants reached by activity	25	31
# of activity conducted	01	01

The table below shows the number of women and youths who attended the training.

Age Category	Female	Male	Total
Children (under 18)	00	00	00
Youths (18 – 34)	09	04	13
Adults (35+)	16	02	18
Total	25	06	31

Participation: who were the Participants?

CERID trained 31 women and youths from Koboko Municipality and District participants from South Division, North Division, West Division and Lobule Sub County.

Key Issues/Topics discussed during the meeting/event/activity:

The program started with prayer, self-introduction and opening remarks by Mr. Yakani Kariala, the LCI chairperson of Ombaci cell, Mr. Wayi Isaac, the Executive Director of CERID, and Mr. Sanya Wilson, the Mayor of Koboko Municipality. They were happy to host the training and pledged to fully support participants towards commercialization of briquettes within Koboko district as a way to minimize deforestation and improve on sanitation through utilization of biomass waste as feedstock.

A presentation on the training programme was made by Mr. Mambo Wilson, the briquette trainer from Uganda Industrial Research Institute. It was then followed by a brief overview of briquette production. The brief included definition of briquettes, types of briquettes and their respective applications, benefits in comparison to traditional existing cooking fuels, requirements for briquette production on both family size and commercial scale, briquette production process and the appropriate equipment at each stage with their standard operating requirements

They were many topics discussed throughout the process of Briquette production as below;

- ❖ What are briquettes?
- ❖ Types of briquettes
- ❖ Benefits of briquettes
- ❖ Site selection
- ❖ Sourcing of raw materials
- ❖ Binders
- ❖ Charring/Carbonization process
- ❖ Cleaning and grinding the char
- ❖ Binder preparation
- ❖ Mixing of char and binder
- ❖ Briquette making
- ❖ Drying of the briquettes

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- ❖ Testing durability of briquettes
 - ❖ Factors affecting briquette quality

Main observations and key success story (i.e. take home messages):

The activity was welcomed by the participants and the stake holders present and this is true when the Mayor in his opening remarks said in his mind he was asking himself how will the participants market the products but the marketing starts with you and the Mayor **Mr. Sanya Wilson** said *“I will be the first person to start marketing the products and Am going to support the groups with ten (10) iron sheets and encouraged the participants to own the project to prevent climate change”*.

Diana Medina the chairperson Giant role model group said *“if someone asks me on Briquettes making, I am able to tell and am going to train other women on how to make the Briquettes”*.

Sitima Rose the chairperson Mufano Women Group said *“I am a refugee and I thank CERID very much because through CERID I have under gone four different skills training, training on soap marking both bar and liquid, training in making improved cook stoves , training in GBV prevention and management and now briquettes, I used to say that every rubbish is useless and now with this knowledge am going to separate my rubbish to make briquettes out of them and I encourage all the participants”*

Ajule Michael the chairperson Joyous group said *“these days if you want to develop be in a group and if you want to work alone you will remain behind ,the issues of charcoal that for many years have been a problem between me and my wife is solved personally am going to make the Briquettes for myself for cooking ,CERID has done it in giving skills to women and the youth it’s like giving someone a hook than a fish that you will eat for one day, I thanked CERID for the initiative and encouraged all the participants to put the skill into practice such we can all together prevent climate change”*.

Apayi Lucy a member of Giant GVB role model group thank CERID for the skill she has got today and to UNDP for the funding, she said *“I am a farmer I grow majorly cassava the cassava peelings can be much which I always regard as rubbish and from now am going to use the cassava peelings for marking Briquettes with the knowledge I have got now and I will also train my neighbors too such that we all together can protect our environment”*.

Muto Robert Town Agent North Division in his closing remark thanked CERID for job well done. He said *“All the activities CERID is undertaking those days used to be facilitated by the whites which most people don’t understand and the activities are among the problems facing the communities and CERID has supplemented government programmes and he encourages all the participants to put the skill into practice it will help us conserve the environment”*.

Challenges faced during activity implementation

- COVID19 has affected the activity because following SOP was very difficult because it involved buying materials like masks, sanitizers which were not in the budget approved
- Drying materials were not budgeted for and this will affect the Briquettes during rain seasons
- The machines were not enough for all the group for example the group from Lobule they are far from the town it might be challenging for them to come and use the machine from the town.

- The shade is another big problem since the machines need to be put in a structured place to avoid direct sunshine or rain.

Conclusion and Recommendations:

There is need for more funds because the project has come in a time where even people don't know where to start because the environment is destroyed, So the services of the project are on high demand in the communities my ample request to our donors is that there is need for more funding such that the whole district is well informed on issues of environment.

Follow-up action / other comments:

Stima Rose the chairperson Mufano women group requested CERID to lobby for more funds such that each each group will have a set of machine and this will encourage appropriate use of the machine to produce more briquettes which in turn will reduce the rate of tree cutting and our environment will be protected and conserved.

Supervisor's comments and signature:

CERID would like to acknowledge the support from UNDP - NDC Support Programme and for sustainability of the knowledge acquired through briquette production and utilization, the trainees need to practice and involve as group members as they take the activity as a business and for home use.



Wayi Isaac
Executive Director / Chairperson.

Note: Attach all attendance lists and at least three pictures of the event.



Hon. Sanya AK Wilson, the Mayor Koboko Municipal Council launching the training in making and production of briquettes in Koboko funded by UNDP implemented by CERID.



Hon. Sanya AK Wilson, the Mayor Koboko Municipal Council pledging ten (10) iron sheets for the groups to raise shelter for the machines during launching of the training in making and production of briquettes in Koboko funded by UNDP implemented by CERID.



Mr. Mambo Wilson the trainer from Uganda Industrial Research Institute Kampala giving a brief overview of briquette production process to the participants during launch of the training.



Mr. Mambo Wilson the trainer from Uganda Industrial Research Institute Kampala explaining the carbonization process of briquette to the participants during the launch of the training.



Mr. Mambo Wilson the trainer explaining and demonstrating to the participants how to Carbonize the wastes for briquettes production during the training.



The trainer Mr. Mambo Wilson explaining how the process of charcoal dust begins to the participants while making the Briquettes



The participating crushing the charcoal dust for making briquettes after the explanation by the trainer during the training in Koboko district in briquettes production using the crusher machine.



The participants mixing the charcoal dust with binder using the mixture machine to make ready for briquettes production during the training.



The participants molding briquette using the honey comb manual machine during the training.



A youthful participants Anguyo Swaib so much happy after molding a briquette using the honey comb manual machine during the training.



Madam Ajonye Celina one of the participant sun drying sample briquettes at the veranda of the training facility produced during the training.



Maneno Beatrice sun drying sample briquettes at the veranda of the training facility produced during the training.



One of the participants counting the number of briquettes so produced during the training in Koboko district.



Mr. Mambo Wilson the trainer from Uganda Industrial Research Institute Kampala guiding participants on how to ignite, manage ash, top up briquettes using appropriate stoves for effective combustion of briquettes.



Mr. Mambo Wilson the trainer from Uganda Industrial Research Institute Kampala guiding participants on how to ignite, manage ash, top up briquettes using appropriate stoves for effective combustion of briquettes.



Sitima Rose the chairperson of Mufano Women Group thanking UNDP for the support and CERID for training them on behalf of the participants on closing of the 2 days training in briquettes production in Koboko district.



PARTICIPANTS ATTENDANCE SHEET

ACTIVITY:

Training on maternal and newborn care of Birness Brigades

VENUE:

Pearl Nue 1 Primary School - Koboko

DATE:

03/09/2020

S/N	NAMES IN FULL	TITLE	SEX	OVC	0-10YRS	11-20YRS	21-35YRS	35YRS ABOVE	CONTACT	Nationality	SIGNATURE
1	NANCY SELVA	member								UG	
2	ABU MARY	member								UG	
3	MOSIEKA REBEKA	"							0790869637	UG	
4	TASHA FAIMA	"							0735878340	UG	
5	ANDRELA MASTIKA	"							0799659002	UG	
6	ASONGE CELINA	"							078716033	UG	
7	SITIMA ROSE	"							0781251559	SS	
8	DAKARA VIOLA	"								UG	
9	ATIBUGUWE JANEI	"								UG	
10	ALIVE MICHAEL	"							0730831117	"	

PREPARED BY:

Afray Salia

DATE:

03/09/2020

SIGNATURE:



PARTICIPANTS ATTENDANCE SHEET

ACTIVITY:

Training on Marketing and Production of Bio-nass Briquettes

VENUE:

Pearl Nursery / PLS - Kiboko

DATE:

03/08/2020

S/NO	NAMES IN FULL	TITLE	SEX	OVC	0-10YRS	11-20YRS	21-35YRS	35YRS ABOVE	CONTACT	Nationality	SIGNATURE
1	Amuri Timothy	Member	M				✓		078368926	Ugandan	
2	Mawba Wilson	Trainer	M				✓		0779204071	Ugandan	
3	Dansi Celif	member	F				✓		—	Ugandan	
4	ASONTÉ CELINA	member	F				✓		0787160533	Ugandan	
5	KADALI MARY	Member	F				✓		—		
6	ATI8UGUWEJemett	Member	F				✓		—	UGANDA	
7	ONDO RUKIA	Member	F				✓		0786560508	Uganda	
8	DIANA MEDWA	member	F				✓		0773260206	S.S.O	
9	AMINA CANDIRU	member	F				✓		0788060795	UGANDA	
10	BIZUSALINA	"							0787396243	DRC	

PREPARED BY:

APRILI Salala

DATE:

3/8/2020

SIGNATURE:



PARTICIPANTS ATTENDANCE SHEET

ACTIVITY: Training on Marketing and Production of Biosnack Briquet

VENUE: Part NUPIS-Kabale DATE: 03/01/2020

S/N	NAMES IN FULL	TITLE	SEX	OVC	0-10YRS	11-20YRS	21-35YRS	35YRS ABOVE	CONTACT	Nationality	SIGNATURE
1	Anga PASTOR	Volunteer caril							0798379997	Ugandan	
2	ESABURU REBEKA	Group Cl person member							07711271853	Ugandan	
3	ASOMU ZANNATH	Member							-	Ugandan	
4	ADDAI SIMA	Member							-	Ugandan	
5	ANGLA SUTHA	C.B.T							0788640246	Ugandan	
6	TABU ZENNIFCA	member							0781688090	Ugandan	
7	TUKWE KUSTE	member							0787980380	Ugandan	
8	JESCA ROBINI	member							0790600517	SS	
9	AKIKOLU VERONICA	member							0782584635	Ugandan	
10	ASONYE KALSUM	member							0788859573	Ugandan	

PREPARED BY:

Apai Saka

DATE:

3/1/2020 SIGNATURE:



PARTICIPANTS ATTENDANCE SHEET

ACTIVITY:

Training on money and products of Business Brigades

VENUE:

Peart Nur 1 PLS - Kabwco

DATE:

3/09/2020

SINO	NAMES IN FULL	TITLE	SEX	OVC	AGE				CONTACT	Nationality	SIGNATURE
					0-10YRS	11-20YRS	21-35YRS	35YRS ABOVE			
1	SAHUK KILSON	MKX00-158800							✓ 0788930662	London	
2	✓ YAKHAN KAKUWALA E C I amba								✓ 0774644207	London	
3	GRALI/9 Isaac	Speaker							✓ 0785790664	Ugandan	
4											
5											
6											
7											
8											
9											
10											

PREPARED BY:

Apari Salula

DATE:

3/09/2020

SIGNATURE:



PARTICIPANTS ATTENDANCE SHEET

ACTIVITY: Training on marketing and production of Bio mass Briquettes

VENUE: Pearl Nuss Primary School- Kibole DATE: 04/08/2020

S/NO	NAMES IN FULL	TITLE	SEX	OVC	0-10YRS	11-20YRS	21-35YRS	35YRS ABOVE	CONTACT	Nationality	SIGNATURE
1	Atule Michael	member	M						0788595117	Ugandan	
2	Anuki Timothy	member	M						0783680926	Ugandan	
3	UNDO Rukia	member	F						0786560508	Uganda	
4	Sikina Rose	member	F						0788281854	SSA	
5	ANGELA muska	member	F						0772963902	uganda	
6	DIAK MEDINA	member	F						0773260006	SSA	
7	AIONYE LATSUM	member	F						0788859573	Ugandan	
8	CHADIRU AMINA	member	F						0788070195	Ugandan	
9	NANYI SELF	member	F							Ugandan	
10	REBECA MOSEKA	member	F						0770869637	Ugandan	

PREPARED BY: Apechi Salia DATE: 04/08/2020 SIGNATURE:



PARTICIPANTS ATTENDANCE SHEET

ACTIVITY: Training on Making and Production of Bio mass Briquettes

VENUE: Pearl Primary School Kabaka DATE: 04/08/2020

S/NO	NAMES IN FULL	TITLE	SEX	OVC	0-10YRS	11-20YRS	21-35YRS	35YRS ABOVE	CONTACT	Nationality	SIGNATURE
1	THISA FAIMA	Member	F				<input checked="" type="checkbox"/>		0775878340	Ugandan	
2	IRBU JENIFER	member	F				<input checked="" type="checkbox"/>			Sudanese	
3	MARY KATHALIN		F				<input checked="" type="checkbox"/>			Ugandan	
4	Ashub Siema	Member	F				<input checked="" type="checkbox"/>			Ugandan	
5	Asina ZAHNBAH	member	F				<input checked="" type="checkbox"/>		-	Ugandan	
6	ESABURU REBEKA	clperson	F				<input checked="" type="checkbox"/>		0771271853	Ugandan	
7	JESSE ROBERT						<input checked="" type="checkbox"/>		0770600567		
8	PASSI BEATRICE	Participant	F				<input checked="" type="checkbox"/>		0782341521	Ugandan	
9	ASHA MATHIEL	Participant	M				<input checked="" type="checkbox"/>		07748454995	"	
10	Ardema Nola	"	F				<input checked="" type="checkbox"/>			Sudanese	

PREPARED BY: Apsigi Sula DATE: 04/08/2020 SIGNATURE:



PARTICIPANTS ATTENDANCE SHEET

ACTIVITY: Training on modeling and production of Bio mass Briquettes

VENUE: Pearl Primary School DATE: 04/08/2020

S/NO	NAMES IN FULL	TITLE	SEX	OVC	0-10YRS	11-20YRS	21-35YRS	35YRS ABOVE	CONTACT	Nationality	SIGNATURE
1	Anguyo Susan	CST	M				✓		0782640246	Ugandan	A. Anguyo
2	Kimukiru Jorisa	club officer CERU	F				✓		0762346855	ugandan	A. Kimukiru
3	APAH SHILLA	Project officer					✓		07922418135	ugandan	A. Shilla
4	ATONGE CEMUA	GBV CERU	F				✓		0787160553	ugandan	A. Atonge
5	APATI SERREGE .B.	(spirit fm) Journalist	F		✓				098 7094844	Ugandan	A. Apati
6	Astema Koraia	RADIO Journalist				✓			0772877200	Ugandan	A. Astema
7	Dokothe Teddy	Journalist (spirit fm)				✓			07862200568	Ugandan	A. Dokothe
8	ADIKI RASHAL	11				✓			0783692245	11	A. Adiki
9											
10											

PREPARED BY: Apegi Salia

DATE: 04/08/2020 SIGNATURE: [Signature]



PARTICIPANTS ATTENDANCE SHEET

ACTIVITY: Training on making and production of Bio mass Briquettes

VENUE: Pearl Primary School Kabale DATE: 01/08/2020

SINO	NAMES IN FULL	TITLE	SEX	OVC	0-10YRS	11-20YRS	21-35YRS	35YRS ABOVE	CONTACT	Nationality	SIGNATURE
1	Akwezi UGANDA	member							07854463	Ugandan	
2	Mukwe ROSE	member							no	Ugandan	
3	Apayi LUY	"								"	
4											
5											
6											
7											
8											
9											
10											

PREPARED BY: Apayi Salia

DATE: 01/08/2020 SIGNATURE: