*The Empower Gift Initiative*

*PROJECT CLOSURE AND EVALUATION REPORT*

Project Evaluation and Closure Report for the Improved Pig Multiplication, Distribution And Biogas

To Fight Environmental Degradation, Poverty, Food Insecurity And Home Darkness (IPMDB) Project

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1. **Project Details**

**Project title:** Improved Pig Multiplication, Distribution And Biogas To Fight Environmental Degradation, Poverty, Food Insecurity And Home Darkness (IPMDB) Project

1. **Project Purpose:** The purpose of IPMDB project was to address the problems of poverty, vegetation/ tree cutting for firewood, food insecurity and home darkness.
2. **Strategy** : Multiplication and distribution of Improved Pigs to the widows and poor families in Ntoroko District and helping the beneficiaries to develop and make use of the biogas from pig droppings for light and cooking fuel and slurry as organic manure for their crops..
3. **Description of Project**

The primary purpose of this project is to increase domestic incomes of the rural poor of 388 poor families in Ntoroko District and to help in reduction reduce environmental degradation in Ntoroko by use of biogas instead of fire wood that lead to tree cutting..

**Project objectives:**

1. To restock 388 poor families with improved pigs every year and build for them 388 family biogas plants for fuel, lighting and slurry for their crops.  **Project Activities:**  The project activities included:

1. Mobilization and sensitization about the importance of biogas plants. 2. Training the beneficiaries in Pig Keeping, biogas plant and Manure management. 3. Project Monitoring and evaluation. 4. Project Evaluation

1. **Project Budget**

**Project Budget**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Activity** | **Budgeted** | **Actual** | **Contribution BY THE EMPOWER THE GIFT INITIATIVE** | **Contribution by KRC** |
|  | **$** |  | **$** | **$** |
| Building pigs’ shelter & Fencing open enclosure. | 1,307.5 | 1,307.5 | - | 1,307.5 |
| Procurement of improved piglets (2 male & 23 female) | 582.5 | 682.5 | 100 | 582.5 |
| Feeds and drugs for 1 year | 3,297.5 | 4,297.5 | 1000 | 3,297.5 |
| Mobilization and sensitisation about the importance of biogas plants | 50  52 | 50  52 | 50  52 | -  - |
| Training the 40 beneficiaries in Pig Keeping, biogas plant and  Manure management | 130  150  35.5  178  300 | 130  150  35.5  178  300 | -  -  -  178  - | 130  150  35.5  -  300 |
| Construction of the first 50 biogas plants | 8,485 | 8,485 | 4242.5 | 4,242.5 |
| Monitoring | 1,120 | 1,120 | 1,120 | - |
| End of the project Evaluation | 350 | 350 | 208 | 142 |
| **TOTAL** | 16,038.00 | 17,138.00 | 6950.5 | 10,187.50 |

1. **Project Timelines**

**From July** 2016 **to** June 2017

1. **Quantitative Results**

Over 1,940 improved piglets have been produced and distributed to 388 beneficiaries.

188 beneficiaries have had their sows produce 4,512 piglets in 2 years and 120 beneficiaries have had to move from use of todobas (kerosene candles )to small scale biogas plants for supply of energy for light and for cooking .

110 new beneficiaries have been identified.

The table below indicates the names of the 1st beneficiaries

Date of distribution :4/6/2016

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name of beneficiary | Number of piglets given | | Type | Number of family size biogas plants developed |
| 1 | Namuli Joanne | 3 | | Landrace | 1 |
| 2 | Dikotla Mary | 3 | | Landrace | 1 |
| 3 | Gogela Katusime | 3 | | Landrace | 1 |
| 4 | Nakanyke Josephine | 3 | | Landrace | 1 |
| 5 | Namuka Kate | 3 | | Landrace | 1 |
| 6 | Nakangu Katherine | 3 | | Landrace | 1 |
| 7 | Mamabolo Stephanie | 3 | | Landrace | 1 |
| 8 | Mutesarira Kabugo | 3 | | Landrace | 1 |
| 9 | Mathangana Mathew | 3 | | Landrace | 1 |
| 10 | Matjaola | 3 | | Landrace | 1 |
| 11 | Akena Joanne | 3 | | Landrace | 1 |
| 12 | Mogatle | 3 | | Landrace | 1 |
| 13 | Mohulatsi | 3 | | Landrace | 1 |
| 14 | Mokgathi | 3 | | Landrace | 1 |
| 15 | Molapo | 3 | | Landrace | 1 |
| 16 | Molebatsi | 3 | | Landrace | 1 |
| 17 | Mosola | 3 | | Landrace | 1 |
| 18 | Mosotho | 3 | | Land race |  |
| 19 | Mothemela | |  | Landrace | 1 |
| 20 | Nakabugo Judith |  | | Landrace | 1 |
| 21 | Ngema Kate |  | | Landrace | 1 |
| 22 | Masika Mary |  | | Landrace | 1 |
| 23 | Nakigozi Magdalene |  | | Landrace | 1 |
| 24 | Nkotoe Prudence |  | | Landrace | 1 |
| 25 | Radebe Kadaga |  | | Landrace | 1 |
| 26 | Byamugisha Roelle |  | | Landrace | 1 |
| 27 | Ruka |  | | Landrace | 1 |
| 28 | Senne |  | | Landrace | 1 |
| 29 | Shibambu |  | | Landrace | 1 |
| 30 | Sidaki |  | | Landrace | 1 |
| 31 | Theletsane |  | | Landrace | 1 |
| 32 | Yende |  | | Landrace | 1 |
| 33 |  |  | | Yorkshire | 1 |
| 34 |  |  | | Landrace | 1 |
| 35 |  |  | | Landrace | 1 |
| 36 |  |  | | Yorkshire | 1 |
| 37 |  |  | | Landrace | 1 |
| 38 |  |  | | Landrace | 1 |
| 39 |  |  | | Landrace | 1 |
| 40 |  |  | | Landrace | 1 |

The table below indicates the names of the 2nd beneficiaries

Date of distribution :02/4/2017

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name of beneficiary | Number of piglets given | | Type | Number of family size biogas plants developed |
| 1 |  | 3 | | Landrace | 1 |
| 2 |  | 3 | | Landrace | 1 |
| 3 |  | 3 | | Landrace | 1 |
| 4 |  | 3 | | Landrace | 1 |
| 5 |  | 3 | | Landrace | 1 |
| 6 |  | 3 | | Yorkshire | 1 |
| 7 |  | 3 | | Yorkshire | 1 |
| 8 |  | 3 | | Yorkshire | 1 |
| 9 |  | 3 | | Yorkshire | 1 |
| 10 |  | 3 | | Yorkshire | 1 |
| 11 |  | 3 | | Yorkshire | 1 |
| 12 |  | 3 | | Yorkshire | 1 |
| 13 |  | 3 | | Yorkshire | 1 |
| 14 |  | 3 | | Yorkshire | 1 |
| 15 |  | 3 | | Yorkshire | 1 |
| 16 |  | 3 | | Yorkshire | 1 |
| 17 |  | 3 | | Land race | 1 |
| 18 |  | 3 | | Land race | 1 |
| 19 |  | | 3 | Land race | 1 |
| 20 |  | 3 | | Land race | 1 |
| 21 |  | 3 | | Land race | 1 |
| 22 |  | 3 | | Land race | 1 |
| 23 |  | 3 | | Land race | 1 |
| 24 |  | 3 | | Land race | 1 |
| 25 |  | 3 | | Land race | 1 |
| 26 |  | 3 | | Land race | 1 |
| 27 |  | 3 | | Landrace | 1 |
| 28 |  | 3 | | Landrace | 1 |
| 29 |  | 3 | | Landrace | 1 |
| 30 |  | 3 | | Landrace | 1 |
| 31 |  | 3 | | Landrace | 1 |
| 32 |  | 3 | | Landrace | 1 |

The table below indicates the names of the 3rd beneficiaries

Date of distribution :4/10/2017

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name of beneficiary | Number of piglets given | | Type | Number of family size biogas plants developed |
| 1 |  | 3 | | Yorkshire | 1 |
| 2 |  | 3 | | Yorkshire | 1 |
| 3 |  | 3 | | Yorkshire | 1 |
| 4 |  | 3 | | Yorkshire | 1 |
| 5 |  | 3 | | Yorkshire | 1 |
| 6 |  | 3 | | Yorkshire | 1 |
| 7 |  | 3 | | Yorkshire | 1 |
| 8 |  | 3 | | Yorkshire | 1 |
| 9 |  | 3 | | Yorkshire | 1 |
| 10 |  | 3 | | Yorkshire | 1 |
| 11 |  | 3 | | Yorkshire | 1 |
| 12 |  | 3 | | Yorkshire | 1 |
| 13 |  | 3 | | Yorkshire | 1 |
| 14 |  | 3 | | Yorkshire | 1 |
| 15 |  | 3 | | Yorkshire | 1 |
| 16 |  | 3 | | Yorkshire | 1 |
| 17 |  | 3 | | Yorkshire | 1 |
| 18 |  | 3 | | Yorkshire | 1 |
| 19 |  | | 3 | Yorkshire | 1 |
| 20 |  | 3 | | Yorkshire | 1 |
| 21 |  | 3 | | Yorkshire | 1 |
| 22 |  | 3 | | Yorkshire | 1 |
| 23 |  | 3 | | Yorkshire | 1 |
| 24 |  | 3 | | Yorkshire | 1 |
| 25 |  | 3 | | Yorkshire | 1 |
| 26 |  | 3 | | Yorkshire | 1 |
| 27 |  | 3 | | Yorkshire | 1 |
| 28 |  | 3 | | Yorkshire | 1 |
| 29 |  | 3 | | Yorkshire | 1 |
| 30 |  | 3 | | Yorkshire | 1 |
| 31 |  | 3 | | Land race | 1 |
| 32 |  | 3 | | Land race | 1 |

The table below indicates the names of the 4th beneficiaries

Date of distribution :6/2/2018

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name of beneficiary | Number of piglets given | | Type | Number of family size biogas plants developed |
| 1 |  | 3 | | Landrace | 1 |
| 2 |  | 3 | | Landrace | 1 |
| 3 |  | 3 | | Landrace | 1 |
| 4 |  | 3 | | Landrace | 1 |
| 5 |  | 3 | | Landrace | 1 |
| 6 |  | 3 | | Landrace | 1 |
| 7 |  | 3 | | Landrace | 1 |
| 8 |  | 3 | | Landrace | 1 |
| 9 |  | 3 | | Landrace | 1 |
| 10 |  | 3 | | Landrace | 1 |
| 11 |  | 3 | | Landrace | 1 |
| 12 |  | 3 | | Landrace | 1 |
| 13 |  | 3 | | Landrace | 1 |
| 14 |  | 3 | | Landrace | 1 |
| 15 |  | 3 | | Landrace | 1 |
| 16 |  | 3 | | Landrace | 1 |
| 17 |  | 3 | | Landrace | 1 |
| 18 |  |  | | Landrace | 1 |
| 19 |  | | 3 | Landrace | 1 |
| 20 |  | 3 | | Landrace | 1 |
| 21 |  | 3 | | Landrace | 1 |
| 22 |  | 3 | | Landrace | 1 |
| 23 |  | 3 | | Landrace | 1 |
| 24 |  | 3 | | Landrace | 1 |
| 25 |  | 3 | | Landrace | 1 |
| 26 |  | 3 | | Landrace | 1 |
| 27 |  | 3 | | Landrace | 1 |
| 28 |  | 3 | | Landrace | 1 |
| 29 |  | 3 | | Landrace | 1 |
| 30 |  | 3 | | Landrace | 1 |
| 31 |  | 3 | | Landrace | 1 |
| 32 |  | 3 | | Landrace | 1 |

The table below indicates the names of the 5th beneficiaries

Date of distribution :7/8/2018

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name of beneficiary | Number of piglets given | | Type | Number of family size biogas plants developed |
| 1 |  | 3 | | Landrace | 1 |
| 2 |  | 3 | | Yorkshire | 1 |
| 3 |  | 3 | | Yorkshire | 1 |
| 4 |  | 3 | | Yorkshire | 1 |
| 5 |  | 3 | | Yorkshire | 1 |
| 6 |  | 3 | | Yorkshire | 1 |
| 7 |  | 3 | | Yorkshire | 1 |
| 8 |  | 3 | | Yorkshire | 1 |
| 9 |  | 3 | | Yorkshire | 1 |
| 10 |  |  | | Yorkshire |  |
| 11 |  | 3 | | Yorkshire | 1 |
| 12 |  | 3 | | Yorkshire | 1 |
| 13 |  | 3 | | Yorkshire | 1 |
| 14 |  | 3 | | Yorkshire | 1 |
| 15 |  | 3 | | Land race | 1 |
| 16 |  | 3 | | Land race | 1 |
| 17 |  | 3 | | Land race | 1 |
| 18 |  | 3 | | Land race | 1 |
| 19 |  | | 3 | Land race | 1 |
| 20 |  | 3 | | Land race | 1 |
| 21 |  | 3 | | Land race | 1 |
| 22 |  | 3 | | Land race | 1 |
| 23 |  | 3 | | Land race | 1 |
| 24 |  | 3 | | Land race | 1 |
| 25 |  | 3 | | Land race | 1 |
| 26 |  | 3 | | Land race | 1 |
| 27 |  | 3 | | Land race | 1 |
| 28 |  | 3 | | Land race | 1 |
| 29 |  | 3 | | Land race | 1 |
| 30 |  | 3 | | Land race | 1 |
| 31 |  | 3 | | Land race | 1 |
| 32 |  | 3 | | Land race | 1 |

The table below indicates the names of the 6th beneficiaries

Date of distribution :2/12/2018

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name of beneficiary | Number of piglets given | | Type | Number of family size biogas plants developed |
| 1 |  | 3 | | Yorkshire | 1 |
| 2 |  | 3 | | Yorkshire | - |
| 3 |  | 3 | | Yorkshire | 1 |
| 4 |  | 3 | | Yorkshire | 1 |
| 5 |  | 3 | | Yorkshire | 1 |
| 6 |  | 3 | | Yorkshire | 1 |
| 7 |  | 3 | | Yorkshire | 1 |
| 8 |  | 3 | | Yorkshire | 1 |
| 9 |  | 3 | | Yorkshire | 1 |
| 10 |  | 3 | | Yorkshire | 1 |
| 11 |  | 3 | | Yorkshire | 1 |
| 12 |  | 3 | | Yorkshire | 1 |
| 13 |  | 3 | | Yorkshire | 1 |
| 14 |  | 3 | | Yorkshire | 1 |
| 15 |  | 3 | | Land race | 1 |
| 16 |  | 3 | | Land race | 1 |
| 17 |  | 3 | | Land race | 1 |
| 18 |  | 3 | | Land race | 1 |
| 19 |  | | 3 | Land race | 1 |
| 20 |  | 3 | | Land race | 1 |
| 21 |  | 3 | | Land race | 1 |
| 22 |  | 3 | | Land race | 1 |
| 23 |  | 3 | | Land race | 1 |
| 24 |  | 3 | | Land race | 1 |
| 25 |  | 3 | | Land race | 1 |
| 26 |  | 3 | | Land race | 1 |
| 27 |  | 3 | | Land race | 1 |
| 28 |  | 3 | | Land race | 1 |
| 29 |  | 3 | | Land race | 1 |
| 30 |  | 3 | | Land race | 1 |
| 31 |  | 3 | | Land race | 1 |
| 32 |  | 3 | | Land race | 1 |

The table below indicates the names of the 7th beneficiaries

Date of distribution :2/3/2019

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Name of beneficiary | Number of piglets given | | Type | Number of family size biogas plants developed |
| 1 |  | 3 | | 3 | 1 |
| 2 |  | 3 | | 3 | 1 |
| 3 |  | 3 | | 3 | 1 |
| 4 |  | 3 | | 3 | 1 |
| 5 |  | 3 | | 3 | 1 |
| 6 |  | 3 | | 3 | 1 |
| 7 |  | 3 | | 3 | 1 |
| 8 |  | 3 | | 3 | 1 |
| 9 |  | 3 | | 3 | 1 |
| 10 |  | 3 | | 3 | 1 |
| 11 |  | 3 | | 3 | 1 |
| 12 |  | 3 | | 3 | 1 |
| 13 |  | 3 | | 3 | 1 |
| 14 |  | 3 | | 3 | 1 |
| 15 |  | 3 | | 3 | 1 |
| 16 |  | 3 | | 3 | 1 |
| 17 |  | 3 | | 3 | 1 |
| 18 |  | 3 | | 3 | 1 |
| 19 |  | | 3 | 3 | 1 |
| 20 |  | 3 | | 3 | 1 |
| 21 |  | 3 | | 3 | 1 |
| 22 |  | 3 | | 3 | 1 |
| 23 |  | 3 | | 3 | 1 |
| 24 |  | 3 | | 3 |  |
| 25 |  | 3 | | 3 | 1 |
| 26 |  | 3 | | 3 | 1 |
| 27 |  | 3 | | 3 | 1 |
| 28 |  | 3 | | 3 | 1 |
| 29 |  | 3 | | 3 | 1 |
| 30 |  | 3 | | 3 | 1 |
| 31 |  | 3 | | 3 | 1 |
| 32 |  | 3 | | 3 | 1 |

1. **Effectiveness of the Project**

The nearly 100% distribution ratio indicates the high demand for the piglets and biogas plants this project delivers and, therefore, the effectiveness. . Further, the combination of the disciplined environment and recipients assuming the responsibility for their own pig and small scale biogas plants projects were the main strengths of the programme.

1. **Benefits of the Project**

393 widows, poor women and orphaned children heading families have, to date, benefited directly from this project. Beneficiaries are moving away from use of todobas to the use of energy supplied by biogas.

We have also generated a large amount of goodwill and publicity through this project

1. **Issues to take note of**

The key issue was the poor planning. Projects of this nature need to begin with planning for prevention of swine diseases .Swine diseases is a menace to the project.

Another issue to be addressed in the future is to spend more time on preparing the beneficiaries to manage the biogas plants and slurry .

1. **Lessons Learnt**

If well followed and with open communication, Piggery projects are viable projects to fight poverty, hunger , environmental degradation and home darkness.

1. **Publicity**

The launch of this project was very well attended, particularly by key development players. The project has earned more publicity through mouth to mouth talk and many key community development visit our project quite often.

**The Way Forward and recommendations.**

This obviously successful project should be extended in terms of the number of applicants .

Pig artificial insemination centre must be put in place to avoid the spread of swine fever and other swine diseases.