

Green Habitat Initiative

Demonstration and Adoption of A&E Design

Date: 10/10/2024

Meeting time: 1:30 pm - 3 pm (WAT)

Meeting location: Virtual

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| Meeting called by: | Green Habitat Initiative | | |
| Type of meeting | Presentation and Demonstration of the A&E design of the Hydroponic farm | | |
| Purpose of the meeting | To present and demonstrate the Architectural and Engineering design of the hydroponic farm for adoption | | |
| Organizations | <ol style="list-style-type: none">1. Green Habitat Initiative (GHI) - National Implementing Entity2. Federal Ministry of Agriculture and Food Security (FMAFS)3. National Water Resources Institute (NWRI)4. Kaduna State Agricultural Development Agency KADA5. Federal Ministry of Agriculture and Rural Development6. National Water Resources Institute (NWRI)7. National Agricultural Extension and Research Liaison Services (NAERLS)8. Small Scale Women Farmers Association of Nigeria (SWOFAN) | | |
| Attendees | NAME | ORGANISATIO | GENDER |
| | 1. Bamber Terseer | N | M |
| | 2. Ashabu Musa | GHI | M |
| | 3. Abimbola Ajayi | GHI | F |
| | 4. Ahmad Buba | GHI | M |
| | 5. Dr. Habib Adamu Isa | KADA | M |
| | 6. Abdulraheem Mustapha | GHI | M |
| | 7. Lateef Opoola | KADA | F |
| | 8. Sheerifdeen Muhammed | FMAFs | M |
| | 9. Sadiya Abdulrahman | GHI | M |
| | 10. Kassim Baba | NWRI | M |
| | 11. Roshidat Oyinola Iyabode | NWRI | M |

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| | 12. Chukwuemeka Okebuga | FMAFs | M |
| | 13. Mrs Liti Agera | NCCC | M |
| | 14. Jamilu Ladan | SWOFAN | F |
| | 15. Aisha Yusuf | KDPBC | F |
| | 16. Ikram Abdulmajid | GHI | F |
| | | GHI | |

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| | <p>Objectives of the Meeting</p> <p>The meeting's objective is to present and demonstrate the Architectural and Engineering design of the hydroponic farm for adoption by the stakeholder working group.</p> |
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| Agenda 1 | Open remark |
| | <p>Dr Habib began the meeting by apologizing for the absence of both the Project Director and Project Manager, who were attending an ongoing foreign study tour in Kenya and other donor engagements. He provided a recap of the previous meeting, emphasizing the progress on Technical Assistance implementation, the benchmarking of hydroponics technologies, and gender assessments in Kubau LGA.</p> <p>Dr. Habib also discussed updates on the architectural and engineering aspects of the hydroponics design, the conflict analysis, and the selection of beneficiaries. Additionally, he presented an overview of the project's current status, detailing the progress on specific deliverables, particularly those related to outputs 4, 5, and 6. Despite noting that the project is two months behind schedule, he expressed optimism that this delay will not prevent the achievement of the project's objectives.</p> |
| Agenda 2 | Presentation of the Architectural design of the hydroponic farm |
| | <p>Engineer Kassim Baba presented the draft design of the architectural and engineering design of the hydroponic system providing details of the design which include the NFT system, the nursery and the DWC, the dimensions as well as the location of the reservoir tanks. Engineer Kassim also provided</p> |

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| | details on the proposed changes which include the inclusion of a trough system in the design. |
| Agenda 3 | Interactive session |
| | <p>Mrs Liti Agera praised the organization for the excellent work they are doing and expressed optimism that the two-month delay should not be a major concern, given the steady progress of other activities being carried out simultaneously.</p> <p>Mrs Roshidat Oniyola stressed the importance of incorporating pest control measures into the hydroponics system and suggested that these should be integrated into the architectural design.</p> <p>Mrs Sadiya Ibrahim inquired about the rationale behind introducing an additional hydroponics system, given that the project's primary focus is to train beneficiaries on a single system. In response, Dr Habib explained that the addition was essential to expose beneficiaries to various types of hydroponic systems, allowing them to gain a comprehensive understanding of hydroponic farming.</p> <p>Mr Jamilu Ladan raised concerns about the cost beneficiaries might face when attempting to replicate the hydroponic systems on their own. Engr. Kasim addressed this by explaining that not all hydroponic systems require significant financial investment. He highlighted the Trough system, which can be set up locally without the need for imported materials, underscoring the importance of training beneficiaries on all types of hydroponic systems.</p> <p>Mrs Liti Agera also asked how the setup is designed to be women-friendly in terms of maintenance. She further commended the organization for involving traditional leaders in the distribution of forms. Dr Habib responded by explaining that the hydroponic systems are indeed women-friendly, particularly the DWC and Trough system, which can be conveniently set up in backyards or within house premises, making it accessible and manageable for women.</p> <p>The design and proposed changes were unanimously accepted and adopted for the EMSAS project.</p> |
| Agenda 4 | Closing Remarks |
| | The Project Specialist thanked everyone for their participation in the meeting and wished them success in their endeavours. |

Proposed changes to the design

| S/N | Proposed change | Responsible | Status |
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| 1 | DWC is to be replaced by a trough system | GHI | Approved |
| 2 | Gate size to be reduced to pedestrian size | GHI | Approved |
| 3 | The fence is to be changed to Bamboo for more climate-friendly material and adoption of locally available materials. | GHI | Approved |
| 4 | Three underground tanks for the NFT system to be collapsed into one tank. | GHI | Approved |