

Concept Note 1: Capacity Building of NCRI Staff on EGS production and Variety Maintenance

1. Title (Full name)	Capacity Building of NCRI Staff on EGS production and Variety Maintenance									
2. Project Location	NCRI Badeggi									
3. Implementing Agencies	NCRI Badeggi									
4. Beneficiaries	NCRI Senior staff, out station staff, seed companies, out growers,									
5. Target Group	Seed farmers									
6. Type of project	1. Grant, 2. R&D, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector (Select as appropriate) 1,2,3 & 4									
7. Field of support	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Quality Control, 8. Credit, 9. Capacity Building, 10. Infrastructure 11. Other (specify below) (Select as appropriate) 9.									
8. Suggested Funding sources	National Budget; JICA, KOICA, AGRA,USAID, BMGF, WB, FAO, FNG, Dangote Foundation, DFID (FCDO).									
9. Budget (USD)	\$187,190.13									
10. Duration of the project	5 Years (2 Years - Short term; 5 Years- Long Term)									
11. Background/Justification	As shown in the text									
12. Goal and objective	<p>Overall objective: Quality of EGS is improved/Enhanced</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 60%;">Specific Objectives</th> <th style="width: 40%;">Output</th> </tr> </thead> <tbody> <tr> <td> 1.1. Strengthen the Capacity and Improve the Knowledge base of Plant Breeders, Agronomist and Seed Scientist on EGS production 1.2. Build Capacity of technicians on field crop maintenance </td> <td> 1-1. Knowledge base and Skills of 6 Plant Breeders on EGS production is enhanced. 1-2. Knowledge base and Skills of 2 Seed Scientist, and 2 Agronomist on EGS production is enhanced/Improved 1-3. Knowledge base and Skills of 10 technicians on Field crop maintenance enhanced/Improved </td> </tr> <tr> <td>2. Build Capacity of Plant Breeders, Seed Scientist and technicians on Plant Variety Maintenance</td> <td> 2-1. Knowledge base and Skills of 6 Plant Breeders on Variety Maintenance improved 2-2. Knowledge and Skills of 2 Seed Scientists, and 2 Agronomists on Variety Maintenance. is enhanced/improved 2-3. Knowledge base and Skills of 10 technicians on Variety Maintenance enhanced/improved </td> </tr> <tr> <td>3. Improve Communication between the Breeder Seed Producers and Foundation Seed Producers at NCRI</td> <td>3-1 Communication between BS producers at HQ and FS producers at Out stations improved</td> </tr> </tbody> </table>		Specific Objectives	Output	1.1. Strengthen the Capacity and Improve the Knowledge base of Plant Breeders, Agronomist and Seed Scientist on EGS production 1.2. Build Capacity of technicians on field crop maintenance	1-1. Knowledge base and Skills of 6 Plant Breeders on EGS production is enhanced. 1-2. Knowledge base and Skills of 2 Seed Scientist, and 2 Agronomist on EGS production is enhanced/Improved 1-3. Knowledge base and Skills of 10 technicians on Field crop maintenance enhanced/Improved	2. Build Capacity of Plant Breeders, Seed Scientist and technicians on Plant Variety Maintenance	2-1. Knowledge base and Skills of 6 Plant Breeders on Variety Maintenance improved 2-2. Knowledge and Skills of 2 Seed Scientists, and 2 Agronomists on Variety Maintenance. is enhanced/improved 2-3. Knowledge base and Skills of 10 technicians on Variety Maintenance enhanced/improved	3. Improve Communication between the Breeder Seed Producers and Foundation Seed Producers at NCRI	3-1 Communication between BS producers at HQ and FS producers at Out stations improved
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13. Activities	<p>Specific Objective 1.1 & 1.2 (Outputs 1-1, 1-2 & 1-3) Strengthen the Capacity and Improve the Knowledge base of Plant Breeders, Agronomist and Seed Scientist on EGS production 1-1-1. Conduct training needs assessment 1-1-2. Identify those to be trained 1-1-3. Identify training institutions 1-1-3. Implement Training</p>									

	<p>Specific Objective 2 (Outputs 2-1, 2-2 & 2-3) Build Capacity of Plant Breeders, Seed Scientist, and technicians on Plant Variety Maintenance</p> <p>2-1-1. Conduct training needs assessment 2-1-2. Identify those to be trained 2-1-3. Identify training institutions 2-1-4. Develop technicians' field handbook 2-1-5. Implement training 2-1-6. Carry out a ToT for technicians 2-1-7. Conduct short term training (short courses) 2-1-8. Long term training (for MSc and Ph. D)</p> <p>Specific Objective 3 (Output 3-1) Improve Communication between the Breeder Seed Producers and Foundation Seed Producers at NCRI</p> <p>3-1-1 Establish a focal point for communication purpose 3-1-2 Organize regular meetings between HQ and outstations</p>
14. Expected Impact	Quality EGS available for CS production
15. Potential Collaborators	IRRI, AfricaRice, IITA, AATF, Universities, Nigerians Plant Breeders Association (NPBA)