



Project Final Report

Name of the Organization: Algae Solution

Submission Date: 17-01-2025

Project Information (250 words)

- **Briefly describe about the project**

This initiative is to utilize the potential of algae as a sustainable solution for mitigating the effects of climate change by sequestering carbon, producing biofuel, and treating waste water. Additionally, this project addresses the challenge of water scarcity in Rajshahi and Barendra Bhumi during the summer.

- **Start and end date of the project:**

01-04-2024 to 31-12-2024

- **Targeted participants of the project:** (Identify the primary group(s) that the project is intended to benefit. For example, "Farmers, women, men, youth women, youth men or any other.") **Farmers**

- **Location of the project:** (Specify the geographical area where the project will be implemented, such as the Village, Union, Upazila, district.)

Village : Gouripur, P/S : Lalpur, District : Natore

Objective of the Project (Write down in bullet points)

- Farmers will get water in the land
- The prices of these local crops will remain under control.
- The supply of water to the land can be ensured

Measuring progress of the project				
	Name of activities	Target	Progress	Remarks
1	Farmers Selection	30	20-22	
2	Collection of Algae from river	40kg	30kg	We did it experimentally on 1 bigha of land.
3	Collection of water			We have managed water from the nearest pond.
4				

5				
6				
7				

Narrate the achievement of your project according to your project objectives
<p>Objective 1: To enhance water retention capacity of arable land to address draught.</p> <p>Objective 2: Cultivate crops in low cost.</p> <p>Objective 3: The supply of water to the land is ensure now.</p>

People reached			
Guideline:			
<ul style="list-style-type: none"> People will be reached directly through your project interventions like training, or any kind of capacity building initiatives, offline campaign, meeting, survey, FGD or any of your project activities. (Please keep your training attendance, database, picture of offline campaign, FGD participants list, survey data) People will be reached through social media (Mention on what issues, is it raising awareness on particular issues) (Note: Once complete the report, please remove the guideline) 			
<ul style="list-style-type: none"> Number of people reached directly through project interventions. 			
	Number of people reached		
Event/Activities	Women	Men	Total
Survey	5	12	17
Training	0	15	15
Total	5	27	32
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Total number of people reached directly:32..... (Women and Men) </div>			
<ul style="list-style-type: none"> Number of people reached through social media (On particular awareness raising issues) 			
Posting date in social media	Number of people reached (Viewer)	Social media Link (FB/YouTube)	

Total		

Total number of people reached (social media): (Women and Men)

The CAP-RES project has three objectives as follows:
Objective 1: Create enabling environment and foster individuals to enhance their knowledge of climate change issues and develop their problem-solving skills.
Objective 2: Generate factual evidence from local practices to scale up at the global level.
Objective 3: Improve institutional efficiency and effectiveness in decision-making and putting into practice in climate intervention.
Based on these above objectives which one is more relevant to your project? How your project objectives and activities achieved this objective? (Maximum 200 words)
 Among the 3 main objectives of Cap-Race project, objective 1 is similar to our project. Because, in my Barendra land, since there is no water in the land during summer and the soil becomes very dry, I tried to find a solution to avoid this problem later on. As well as the local farmers there, I have also trained them in Algae cultivation so that they can cultivate Algae themselves.

Skills/Capacity

- What new skills/capacity you have developed?
I first learned in this project how to deal with government office officials. After that I learned how to solve the problem naturally without harming nature.
- What knowledge or skills do you think would have improved your project?
Working together with local farmers in the area.

“Lesson-learned” of your project
 Lessons Learned from "Algae Solution" Project
 1. Understanding Local Needs is Essential

Working with farmers in Rajshahi highlighted the importance of engaging directly with the community to understand their struggles and needs, ensuring that solutions are relevant and practical.

2. Innovative Thinking Can Solve Complex Problems

The idea of using algae as part of a solution demonstrated how creative approaches can address environmental and agricultural challenges effectively.

3. Sustainability is Key

Designing solutions that are environmentally friendly and economically sustainable ensures long-term impact and community acceptance.

4. Community Involvement Enhances Success

The active participation of farmers and other stakeholders in the project was critical for both its implementation and acceptance, fostering a sense of ownership.

5. Climate Awareness Drives Urgency

The water scarcity in hot summers underlined the importance of addressing climate change and promoting resource conservation to mitigate its impacts.

6. Collaboration Amplifies Impact

Partnering with experts, local authorities, or NGOs provided access to resources, knowledge, and networks that strengthened the project's reach and effectiveness.

7. Resilience and Patience are Crucial

Implementing innovative solutions in resource-constrained environments taught valuable lessons about overcoming obstacles and staying committed to the cause.

8. Awareness and Education are Necessary

Educating farmers about new technologies, such as using algae for water management, proved to be an important step in ensuring the adoption of the solution.

What are the challenges/Risks you faced during the project activities? How you overcome/minimize those challenges?

As a challenge, I have really faced several problems First of all, when I started working, the country was in a good condition, but later when there was a political change, I had to change

my place of work. After that they have to sit again with the farmers there and convince them. But by then the rainy season had already arrived, so it was difficult to get Alg

Selected best 5/6 pictures of the project intervention

