

# iCARE Innovation Fund

**Project Name**

**Monthly Progress Report**

**Reporting Period (01 August 2024 to 31 August 2024)**

Prepared by: WindPower Nepal Pvt. Ltd.

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# 1. Project Information

<b>Project Title:</b>	Building Climate Resilience through Aquaponics in Rural and Peri-Urban Areas of Nepal
<b>Project Code:</b>	WBCAR
<b>Partner Organisation:</b>	WindPower Nepal Pvt. Ltd.
<b>Reporting Period:</b>	1 <sup>st</sup> August 2024 to 31 <sup>st</sup> August 2024
<b>Date of Submission:</b>	September 5, 2024
<b>Contact Name:</b>	Shison Maharjan
<b>Contact Position:</b>	Manager (Climate Resilient Agriculture)
<b>Contact Email Address:</b>	info@windpowernepal.com
<b>Contact Telephone Number:</b>	+97715424646
<b>Status of project progress in this reporting period</b>	<input type="checkbox"/> Significant delay <input type="checkbox"/> Delay <input checked="" type="checkbox"/> On Track
<b>Report sign Off</b>	<input checked="" type="checkbox"/> I have reviewed all the information provided for each section including number of beneficiaries. The information provided for each section of the report is complete.  Name: <u>Shison Maharjan</u> Designation: Manager

## 2. Key Achievements

### **Activity 1.3.1: Strengthen capacity of core group through targeted training sessions to run the breeding center effectively**

To enhance the capacity of local participants in effective breeding and fish seed production techniques for common carp one-day training titled “Breeding and seed production of common carp” aimed at improving the practical competencies of farmers, technicians in managing brood stock, induced spawning, feed formulation, feeding practices and optimizing hatchery conditions to enhance seed production was conducted.

The objectives of training were as follows:

- To educate participants on the biology and breeding behaviour of common carp
- To demonstrate effective techniques for induced spawning
- To provide hands-on experience in hatchery management and seed production
- To discuss best practices for fry and fingerling rearing.
- To educate participants on the nutritional requirement at various stage of growth of fish
- To familiarize with the various ingredients used in fish feed formulation
- To teach participants the principles and methods of formulating balanced and species-specific fish feeds

The detailed Report is attached in Annex II.

### **Activity 1.3.2: Awareness training to sensitize local people on climate change and adaptation skills**

This training program focused on equipping community members with the knowledge and skills needed to effectively mitigate and adapt to the impacts of climate change. The program covered key concepts, practical strategies, and tools that can be applied at the community level to reduce vulnerability to climate risks, enhance resilience, and promote sustainable development. Participants learned about climate change science, risk assessment, adaptation planning, and the implementation of mitigation measures, with an emphasis on local and indigenous knowledge, community engagement, and sustainable practices.

The detailed Report is attached in Annex III.

### 3. Implementation Progress

Activity Title	Last Month Progress	Current Month Progress	Activities, and Events, planned for the subsequent month
<p><b>Activity 1.1.1:</b> Sign MoU between “WindPower Nepal” and “Local Women’s cooperative”, with clear work division between two parties</p> <p>(Dec 2023)</p>	<p><b>Completed</b></p>	<p><b>Completed</b></p>	<p>Completed</p>
<p><b>Activity 1.1.2:</b> Conduct inception workshop</p> <p>(Mar 2024)</p>	<p><b>Completed</b></p>	<p><b>Completed</b></p>	<p>Completed</p>
<p><b>Activity 1.1.3:</b> Form a core group within women’s cooperative</p> <p>(Mar 2024)</p>	<p><b>Completed</b></p>	<p><b>Completed</b></p>	<p>Completed</p>
<p><b>Activity 1.1.4:</b> Identify and select ten climate vulnerable and marginalised households</p> <p>(Mar 2024)</p>	<p><b>Completed</b></p>	<p><b>Completed</b></p>	<p>Completed</p>
<p><b>Activity 1.2.1:</b> Roll out climate resilient aquaponics technology at the selected ten households</p>	<p><b>Completed</b></p>	<p><b>Completed</b></p>	<p>Completed</p>

(Apr-June 2024)			
<b>Activity 1.2.2:</b> Integrate rainwater harvesting in all the household aquaponics system (May-June 2024)	<b>Completed</b>	<b>Completed</b>	Completed
<b>Activity 1.2.3:</b> Establish breeding center and an aquaponics demonstration unit at cooperative's office for visitors (June - July 2024)	<b>Completed</b>	<b>Completed</b>	Completed
<b>Activity 1.3.1:</b> Strengthen capacity of core group through targeted training sessions to run the breeding center effectively (Aug 2024)	<b>Completed</b>	<b>Completed</b>	Completed
<b>Activity 1.3.2:</b> Awareness training to sensitize local people on climate change and adaptation skills (Aug 2024)	<b>Completed</b>	<b>Completed</b>	In Progress
<b>Activity 1.3.3:</b> Conduct training workshops for local communities to effectively run the system (Aug-Sept 2024)	<b>In Progress</b>	<b>In Progress</b>	

<p><b>Activity 1.3.4:</b> Monitoring and Evaluation</p> <p>(Oct-Nov 2024)</p>	<b>In Progress</b>	<b>In Progress</b>	
<p><b>Activity 1.3.5:</b> Prepare handbook for design installation, operation and maintenance of climate resilient aquaponics system</p> <p>(Nov-Dec 2024)</p>	<b>In Progress</b>	<b>In Progress</b>	
<p><b>Activity 1.4.1:</b> Conduct training and capacity-building programs to enhance skills in product development, marketing, and financial management</p> <p>(Dec 2024)</p>	<b>In Progress</b>	<b>In Progress</b>	
<p><b>Activity 1.4.2:</b> Facilitate market access by connecting the household to retailers and potential buyers</p> <p>(Dec 2024)</p>	<b>In Progress</b>	<b>In Progress</b>	
<p><b>Activity 1.5.1:</b> Invite relevant stakeholders</p> <p>(Dec 2024)</p>	<b>In Progress</b>	<b>In Progress</b>	
<p><b>Activity 1.5.2:</b> Conduct hand-over workshop</p> <p>(Dec 2024)</p>	<b>In Progress</b>	<b>In Progress</b>	

<b>Activity 1.6.1:</b> Prepare and share a project end report  (Dec 2024- Jan 2025)	<b>In Progress</b>	<b>In Progress</b>	
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#### 4. Results Framework Indicators Progress

<b>PDO Indicator Description: Government agencies and Citizens who have access to climate-resilient solutions tested under the project (Number)</b>				
	<b>Baseline</b>	<b>Actual (Previous)</b>	<b>Actual (Current)</b>	<b>End Target</b>
Value	0	0	0	Govt: 1 Citizens: 45
Date		31 July 2024	31 Aug 2024	15 Jan 2025
Comments				
<b>Outcome 1 Indicator 1 Description: No. of climate resilient aquaponics technology owned and operated by women's cooperative</b>				
Value	0	0	0	1
Date		31 July 2024	31 Aug 2024	31 Dec 2024
Comments				
<b>Outcome 1 Indicator 2 Description: Number of capacity building trainings and awareness programs run to capacitate the vulnerable and marginalized on climate farming practices</b>				
Value	0	0	2	4
Date		31 July 2024	31 Aug 2024	30 Sept 2024
Comments				
<b>Outcome 1 Indicator 3 Description: No. of women equipped with knowledge of climate smart farming practices</b>				

Value	0	0	50% of total persons trained	50% of total persons trained
Date		31 July 2024	31 Aug 2024	30 Sept 2024
Comments				
<b>Outcome 1 Indicator 4 Description: Number of households with increased income from using aquaponics technology</b>				
Value	0	0	0	10
Date		31 July 2024	31 Aug 2024	15 Feb 2025
Comments				
<b>Outcome 1 Indicator 5 Description: Percentage of Women in decision-making process related to aquaponics technology installed at household and cooperative</b>				
Value	0	100%	100%	50%
Date		30 June 2024	30 July 2024	30 June 2024
Comments				
<b>Outcome 1 Indicator 6 Description: Percentage of beneficiaries adopting climate resilient farming practices</b>				
Value	0	0	0	100%
Date		31 July 2024	31 Aug 2024	31 Dec 2024
Comments				
<b>Output 1.1 Indicator Description: Sign MoU in between "WindPower Nepal" and "Local Women's cooperative", with clear work division between two parties</b>				
Value	0	1	1	1
Date		31 July 2024	31 Aug 2024	31 Dec 2023
Comments				
<b>Output 1.1 Indicator Description: Number of core group formed</b>				
Value	0	1	1	1



<b>Date</b>		31 July 2024	31 Aug 2024	31 March 2024
<b>Comments</b>				
<b>Output 1.1 Indicator Description: Number of Climate vulnerable and marginalized communities identified</b>				
<b>Value</b>	0	10	10	10
<b>Date</b>		31 July 2024	31 Aug 2024	31 March 2024
<b>Comments</b>				
<b>Output 1.2 Indicator Description: Number of climate resilient aquaponics technology deployed</b>				
<b>Value</b>	0	10	10	10
<b>Date</b>		31 July 2024	31 Aug 2024	30 June 2024
<b>Comments</b>				
<b>Output 1.2 Indicator Description: Number of demonstration unit established</b>				
<b>Value</b>	0	1	1	1
<b>Date</b>		31 July 2024	31 Aug 2024	31 July 2024
<b>Comments</b>				
<b>Output 1.2 Indicator Description: Number of breeding center established</b>				
<b>Value</b>	0	1	1	1
<b>Date</b>		31 July 2024	31 Aug 2024	31 July 2024
<b>Comments</b>				
<b>Output 1.3: Indicator 1 Description: Number of persons capacitated to run the breeding center effectively</b>				
<b>Value</b>	0	0	22	5
<b>Date</b>		31 July 2024	31 August 2024	31 August 2024
<b>Comments</b>				

<b>Output 1.3: Indicator 2 Description: Number of local persons sensitized in climate change and adaptation skills</b>				
<b>Value</b>	0	0	26	30
<b>Date</b>		31 July 2024	31 August 2024	31 August 2024
<b>Comments</b>	Although the target participants were 30, only 26 participants were present during the training. 4 participants could not participate due to their personal emergency work.			

## **5. Challenges, Lessons Learned and Way Forward**

A challenge faced during training program was heavy rainfall, which caused delays for participants in reaching the venue, resulting in a late start of the program. The adverse weather conditions affected the participants, particularly for those traveling from distant areas, creating unexpected hurdles in ensuring timely attendance. Despite these challenges, efforts were made to accommodate participants and maintain the flow of the training session once it commenced.

**Annexures:**  
**Annex I: Attendance Sheet**



**Project Title: Building Climate Resilience through Aquaponics in Rural and Peri-Urban Areas of Nepal**

Awareness training to sensitize local people on climate change and adaptation skills

Date: 7/5/2021

**Attendance sheet**

S.N	Name	Age	Contact no	Signature
१	विष्णु शर्मा खत्री	३१	९८५२५७०१६	
२)	वर्तिमा तामाङ	२१	९८५३०३८६६	
३)	पुष्प सुनार	२४	९८५२९९६८३६	
४)	सविता तामाङ.सिङ्गा.	२४	९८६०१६६९२२	
५.	सिता तामाङ	३१	९६४१६९८०६९	
६.	सिमिला श्रेष्ठ	४०	९८४९७०६०१६	
६	सुन्दरी श्रेष्ठ	४६	९८६०३३३८४८०	
७)	आनिता सिङ्गा.	३२	९८४३६०६५२८	
८	सिमिला श्रेष्ठ	३९	९८६०४६२००४	
१०	सुवमाया श्रेष्ठ	४८	९८४३९५४०४८	
११	निता श्रेष्ठ	४०	९८४४२६८०८६	
१२	कुमला श्रेष्ठ	५१	९८५१२२६९५९	
१३	सुहृती शर्मा	३०	९८५००३२५९१	
१४	सुवमाया श्रेष्ठ तामाङ.	३२	९८४४२६५४७४	
१५	कल्पना तामाङ	३१	९८६९०३०५५७	
१६.	श्री सुभा मोक्तान	३६	९८५१८७२५७९	
१७.	सिमिला श्रेष्ठ	३२	९८६०९८७५९०	
१८.	कुमला श्रेष्ठ	५१	९८६२२५९५९	
१९.	सिता तामाङ.	३१	९६४१६९८०६९	
२०.	सुन्दरी श्रेष्ठ	४०	९८६०२८५१५१	
२१.	सिमिला सुनार	३२	९८५३६५८१८	
२२.	जेनीसा शर्मा	२५	९८६०८३३५४४	
२३.	सिमिला सुनार	२७	९८६०२३३७१	
२४.	ज्योति शर्मा	२५	९८५३०९६९२२	
२५.	सिमिला सुनार	३४	९८५६६५२६५९	
२६	सिमिला शर्मा	३२	९८५१९०६९३७	

## **Annex II: Detail Report on fish breeding Training**



Fish\_breeding\_train  
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## **Annex III: Detail Report on climate change and adaptation awareness training**



REPORT,  
BHARDEU.docx

## Glossary

<b>Project Title</b>	means	Exact and full name of the project as defined in the Sub Grant Agreement
<b>Project Code</b>	means	A five-digit code assigned by ADPC
<b>Partner Organization</b>	means	The lead agency(ies) responsible for the implementation of the project
<b>Key Achievements</b>	means	The actual outcome or impact of your work, such as reaching a PDO, or outcome or output defined in the final and agreed Results Framework.
<b>Implementation Progress</b>	means	Implementation progress means the steps or actions taken to achieve the PDO or outcomes or outputs. In this case it would be the list of activities defined in the final and approved work plan
<b>Challenges</b>	means	The most significant and persistent areas of risk that affect the project's ability to achieve its objectives. Challenges could be related to managing the Sub Grant, sustaining development gains, coordinating with stakeholders, and implementing core management functions. Please also discuss the solutions to mitigate these risks.
<b>Lessons Learned</b>	means	Lessons learned are contextual or operational information that may affect planning and future performance. They highlight the insights gained from the activity's implementation practices and progress, such as staff feedback, stakeholder interviews, data analysis, and success stories. They also include any changes required by or support requested from ADPC or partners.



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