



Environmental education collaborate with NGO

Strengthened Collaboration with Environmental Change Makers (ECM)

Based on the MoU signed in March 2023, the Women University of Azad Jammu & Kashmir (WUAJ&K) and Environmental Change Makers (ECM), Islamabad, expanded their collaboration in 2024 ([Annex I](#)).

Outcome in 2024

- Enhanced the research capacity of students.
- Direct community-level impact in Bagh through awareness and tree plantation drives.

Partnership with National Cleaner Production Center (NCPC)

Date: December 2024

Theme: Hands-on Training at National Cleaner Production Center (NCPC)

Objective: Provide students with practical skills in cleaner production technologies and sustainable environmental management.

Climate Relevance: Training focused on energy efficiency, waste minimization, and eco-friendly practices directly supporting **SDG 13 – Climate Action**.

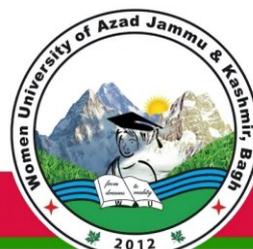
Impact: Two students from the Department of Environmental Sciences were deputed to NCPC in December 2024, where they received practical exposure in sustainable industrial practices. This collaboration strengthened university–industry linkages and contributed to building student capacity for climate-resilient solutions.

Outcome (2024)

30% reduction in plastic use within the campus and enhance the green campus drive. ([Annex II](#))

Partnership between RECP Pakistan and Women University of AJ&K

The **Resource Efficient Cleaner Production (RECP) Pakistan** has partnered with the Women University of Azad Jammu and Kashmir, Bagh, to promote sustainable development and green innovation. This collaboration aims to advance the goals of **SDG 12 (Responsible Consumption and Production)** and **SDG 13 (Climate Action)** by integrating cleaner production practices, environmental awareness, and sustainable technologies into university activities and research.





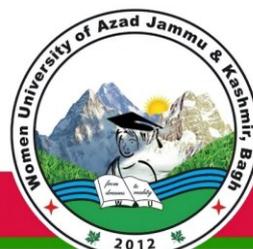
Under this partnership, RECP Pakistan will provide **technical support, awareness sessions, and collaborative projects** focusing on resource efficiency and environmental sustainability. This initiative strengthens the university's commitment to green transformation and contributes to national efforts for achieving the UN Sustainable Development Goals. ([Annex III](#))

Outcomes of NGO Collaborations in 2024

- **Joint research outputs** with ECM & NCPC (policy briefs, case studies).
- **1200+ trees planted** through joint campaigns.
- **600+ students & faculty trained** through workshops and courses.
- **30% reduction in plastic use** on campus.
- **3 NGOs actively partnered** (ECM, NCPC, WWF, PRCS).
- **Direct community engagement:** 300+ households benefited from awareness drives and local projects.

Future Plans (2025)

- Launch a **Climate & Sustainability Innovation Hub** at WUAJ&K in collaboration with NCPC & ECM.
- Develop **student-led start-ups** on renewable energy and green entrepreneurship.
- Expand **community-based water and waste projects** to 5 villages in the Bagh district.
- Sign **new MoUs** with international NGOs for climate research and academic exchange.





Annex I



MEMORANDUM OF UNDERSTANDING

BY AND BETWEEN

WOMEN UNIVERSITY OF AZAD JAMMU & KASHMIR BAGH

and

ENVIRONMENTAL CHANGE MAKERS

Through: Office of Research Innovation and Commercialization WUJ&K

MEMORANDUM OF UNDERSTANDING

BY AND BETWEEN

WOMEN UNIVERSITY OF AZAD JAMMU & KASHMIR BAGH

The Women University of Azad Jammu and Kashmir (WUJ&K) was established in 2014 under the Women University of Azad Jammu & Kashmir (WUJ&K) Act 2014 to provide opportunities for quality higher education and research activities for women in the region. This is the only female university in Azad Jammu and Kashmir.

ENVIRONMENTAL CHANGE MAKERS

Environmental Change Makers (ECM) is a non-governmental organization (NGO) based in Islamabad, Pakistan, that provides environmental sustainability and awareness (SEA) programs in the form of community education, and advocacy for better environmental policies. ECM aims to empower local communities by providing them with the knowledge and skills to address environmental challenges.

This Memorandum of Understanding (MoU) is entered into on this 01st day of 2024 by and between the Women University of Azad Jammu & Kashmir, hereinafter referred to as "WUJ&K" and the Environmental Change Makers, hereinafter referred to as "ECM".

Both parties recognize the importance of addressing climate change and promoting sustainable development which aligns with Sustainable Development Goal 13 "Climate Action". This MoU reflects the commitment of both organizations to collaborate to enhance climate action initiatives, sustainability, and environmental awareness.

1. PURPOSE

This MoU aims to establish a collaborative relationship between WUJ&K and ECM to promote and implement activities, programs, and policies that contribute to the achievement of SDG 13. The collaboration will focus on research, education, advocacy, and practical climate change and sustainability initiatives.

2. OBJECTIVES

The objectives of the collaboration are:

- 1) To enhance research and academic programs related to climate change, sustainability, and environmental protection.
- 2) To promote climate action initiatives and awareness programs within the university and the local community.
- 3) To jointly develop projects and policies to reduce carbon emissions, improve resource efficiency, and promote renewable energy.
- 4) To foster collaboration between students, faculty, and professionals from both organizations on climate-related issues.
- 5) To participate in conferences, seminars, and workshops on climate action and sustainable development.

3. RESPONSIBILITIES OF WUJ&K

WUJ&K agrees to:

- 1) Facilitate and support climate action-related research and educational programs within the university.
- 2) Provide platforms for student engagement in climate action initiatives, including internships, research projects, and volunteering opportunities.
- 3) Organize seminars, workshops, and awareness campaigns focusing on climate change in collaboration with ECM.
- 4) Integrate climate action and sustainability principles into academic curricula and campus operations.

4. RESPONSIBILITIES OF ECM

ECM agrees to:

- 1) Collaborate with WUJ&K to develop climate action projects and research initiatives.
- 2) Offer expertise, resources, and guidance on climate change adaptation, mitigation, and sustainability practices.
- 3) Provide technical support for developing environmental policies and strategies at WUJ&K.
- 4) Participate in joint events, conferences, and webinars organized by WUJ&K to promote climate action.

5. JOINT ACTIVITIES

- 1) Both parties will collaborate on joint research projects on climate change, sustainability, and environmental protection.
- 2) Joint seminars, workshops, and training programs will be organized to enhance knowledge and awareness of climate action.

6. DURATION AND TERMINATION

- 1) This MoU will be effective for three years, starting from the date of signing.
- 2) Either party may terminate this MoU by giving one month's written notice to the other party. Termination will not affect ongoing projects or obligations that have already been agreed upon unless otherwise specified.

7. FUNDING

- 1) Both parties will seek external funding for joint projects and activities.
- 2) The financial responsibilities for specific activities will be determined separately and agreed upon in mutual agreement.

8. AMENDMENTS

This MoU may be amended only by a written agreement signed by both parties. The Parties have signed this Memorandum of Understanding on the signed day and date stated below.

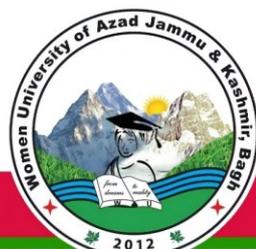
For and on behalf of
 Women University of Azad Jammu & Kashmir



For and on behalf of
 Environmental Change Makers







Annex II



National Cleaner Production Center Foundation

Registered under Section 42 of the Companies Ordinance, 1984

October 07, 2023

Dr. Syed Mubashar Hussain Gardazi
Coordinator Environmental Sciences
Women University of Azad Jammu and Kashmir
Bagh.

Subject: Collaboration between National Cleaner Production Center and Women University of AJK

Dear Dr. Gardazi,

We are pleased to acknowledge your request for collaboration on the environmental initiatives and submission of data related to the Sustainable Development Goals (SDGs). The National Cleaner Production Center (NCPC) is enthusiastic about supporting the Women University of AJK in this important effort.

To support this collaboration, we propose the following key areas:

1. **Data Sharing and Analysis:** NCPC will provide necessary data and assistance to ensure accurate SDG reporting.
2. **Joint Activities:** We will participate in joint initiatives to enhance SDG understanding and implementation.
3. **Capacity Building:** NCPC will offer training and resources to strengthen your team's ability to manage and report SDG data effectively.

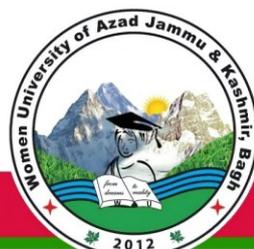
We are look forward to discuss the details of this collaboration. Kindly suggest a suitable time for a meeting to further explore this partnership.

Thank you for opening this important cooperation. We are excited about the positive impact we can accomplish mutually.

Best regards,


M. Irshad Ramay
Coordinator
National Cleaner Production Center

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Annex III

