

January – February – March 2025

"Glaciers may seem distant, but their melting impacts are already felt in our daily lives. As these ice giants shrink, they contribute to rising sea levels, erratic weather patterns, and water scarcity. What happens far away can ripple through to our communities, and it's a reminder that we are all interconnected. So, whatever you do, always think before you act—because every choice, big or small, has a lasting effect."

– Pradip Burman, Chairman, Mobius Foundation



7th INTERNATIONAL CONFERENCE ON SUSTAINABILITY EDUCATION (ICSE) – 2025

We are thrilled to announce that the **7th International Conference on Sustainable Education (ICSE) 2025** will be held on **17th & 18th September, 2025**, at the **India Habitat Centre, Lodhi Road, New Delhi**. This year's theme, **"Sustainability Education for Green Jobs,"** will explore the role of education in empowering learners, educators and professionals with the skills required for sustainability-driven careers.

The official [ICSE website](#) is now live and registrations will open at the end of April.



YOUTH FOR EARTH -2025

The **6th** edition of Youth for Earth is now live. The **registration deadline** has been extended until **30th April**. This initiative aims to encourage, engage and inspire youth to become changemakers for a better tomorrow.

Register your innovative project today and gain recognition on a prestigious **7th International Conference on Sustainability Education (ICSE) platform**

Register now and learn more at: [Y4E 2025 Website](#)



GYAN KANYA SHAKTI: 100 SCHOOL PROGRAM

The Gyan Kanya Shakti Program in UP and MP, spearheaded by Mrs. Poonam Parihar, Manager of Operations (UP) and Ms. Jessica Gill, Program Lead (MP) at Mobius Foundation, continues to play a pivotal role in empowering teenage girls through integrated education and skill development opportunities.

Key activities and achievements include a comprehensive **coordinator's orientation** to ensure alignment of district coordinators with core processes and strategies in preparation for the 2025-26 academic session.

Additionally, health camps were organized to promote holistic well-being, alongside thorough assessments and the distribution of essential resources. Strategic field visits were carried out to evaluate new expansion opportunities for the upcoming academic year, resulting in the finalization of 22 schools across 5 districts in MP and 19 schools under consideration in UP.

Mobius Foundation was felicitated with a **prestigious award** for the Gyan Kanya Shakti – 100 School Program in Uttar Pradesh and Madhya Pradesh, presented by the Lotus Petal Foundation at their Impact Conclave 3.0.



Mobius Foundation receiving the award at the Impact Conclave 3.0



Mr. Pradip Burman, Chairman; and Ms. Jessica Gill, Program Lead (MP) with district coordinators at Mobius office after coordinator's orientation



MADHYA PRADESH

A **self-defense training session** was held at GGMS, Unchehra, Satna, empowering girls with essential techniques to handle challenging situations. **Mr. Praveen Garg**, President, Mobius Foundation, visited Government Girls Higher Secondary School in Kakrehti, Panna, to witness the transformative impact of the Gyan Kanya Shakti initiative, which empowers young girls through education and confidence-building. Additionally, a **field trip to Dev Kho forest**, organized by the district forest administration for KSP, Karhal, Sheopur students, presented the girls an opportunity to connect with nature. Additionally, an **online training session for Ayojikas**, conducted by **Lotus Petal Charitable Foundation (LPCF)**, equipped them with the skills to manage daily responsibilities, including updating attendance and overseeing online classes.

UTTAR PRADESH



A glimpse from Mr. Praveen Garg's visit in Kakrehti, Panna



School recce conducted by LPCF team in Madhya Pradesh



Mrs. Poonam presenting at the SSA Office in Lucknow

Mrs. Poonam Parihar presented the project's impact at the Sarva Shiksha Abhiyan (SSA) Office in Lucknow, strengthening **collaboration with the Education Department**. Key recommendations from the Director of Education were noted to align GKS initiatives with government programs for greater impact.

Workshop by Capt. Manas Baisya (Retd.): Capt. Baisya led a session on fostering accountability in education, focusing on competency-based approaches and creating a sense of belonging. Dr. Poonam Minhas concluded by emphasizing accountability's role in institutional and professional growth.

4th Annual Sports Day: The event featured a March Past with four houses, followed by races, yoga, skating, and karate performances. Highlights included competitive races and a yoga display, with awards presented by Dr. Minhas.

Class 5 & UKG Graduation Days: Both ceremonies were a testament to the students' hard work and growth, featuring inspiring performances, achievement certificates and encouraging words from the school's leadership team.



Glimpses from Workshop by Capt. Manas Baisya (Retd.), Annual Sports Day Day featuring Dr. Poonam Minhas, Principal, GAV; Ms. Sarika Christopher, Vice Principal; and Mr. Manoj Karnatac, GM HR & Admin, Mobius Foundation and Graduation Day UKG



An Initiative by Mobius Foundation

PROJECT AAKAR :



Aakar Janani Project – Siddharthnagar

Milestones in Siddharthnagar: Project Aakar in Siddharthnagar made significant strides in enhancing sterilization services and expanding family planning awareness through our implementing agent, **Janani**. The team recorded more than 300 female sterilizations two months in a row and successfully introduced Mini lap and Lapro sterilization services. Integrating awareness of temporary family planning methods for a more holistic approach to reproductive health services under Project Aakar was also emphasised.

UMEED

Project Umeed continued its efforts to enhance family planning awareness and service delivery. Under **Umeed 1.0**, Health Melas were conducted, complemented by training sessions and cluster meetings at the block level to connect the rural community with vital health, nutrition, and family planning services.

UMEED 2.0

Umeed 2.0 saw new initiatives including a mobile van screening animated videos on adolescent health and family planning, and a Management Information System (MIS) to track counselling and contraceptive data.



Dr. Ram Boojh, Advisor, Mobius Foundation in glimpses from respective events

MOBIUS YOUNG CLIMATE LEADERS FOR HIMALAYAN DEVELOPMENT

Mobius Young Climate Leaders for Himalayan Development was formally launched in Arunachal Pradesh by Hon'ble Chief Minister Shri Pema Khandu in the presence of Mobius Young Professionals and other dignitaries. This marked the official state level launch of the project in Arunachal Pradesh, one of the six states under this initiative. This initiative reached another key milestone by signing Memoranda of Understanding (MoUs) with six prominent NGOs across North-east India. This collaboration with local NGOs across the Northeast will ensure the effective implementation of climate education, youth engagement, and awareness programs, tailored to the unique socio-cultural and environmental contexts of each state.

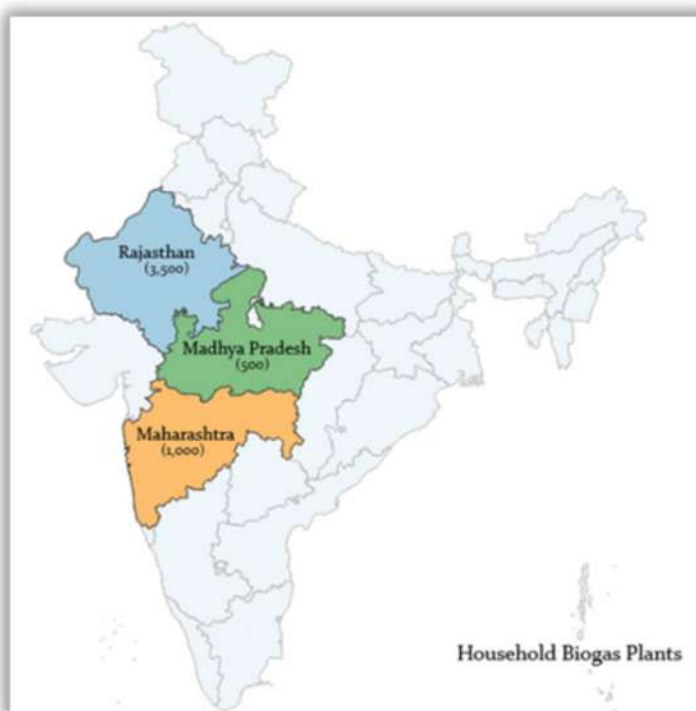
These organizations, with their deep-rooted community presence and expertise in areas such as biodiversity conservation, sustainable development, and grassroots initiatives, will play a vital role in driving localized climate literacy activities, school outreach, and community engagement, strengthening the impact of the MYCL initiative in the region. This partnership aims to boost climate education and youth engagement in the region's ecologically and culturally diverse areas.



Mr. Pema Khandu, CM, Arunachal Pradesh during the launch

BIOGAS/COMPRESSED BIOGAS (CBG) PROJECT

Mobius Foundation signed Memoranda of Understanding (MoUs) with **National Dairy Development Board (NDDB) Dairy Services, NDDB-Mrida and 5 women-led Milk Producer Companies (MPCs): Sakhi, Paayas, Asha, Indujaa and Maalav.** The collaboration is aimed to install **5,000 household biogas plants** across **40 districts in Rajasthan, Maharashtra and Madhya Pradesh.** By enabling women dairy farmers to generate clean energy and biofertilizer, this initiative not only reduces methane emissions but also ensures economic empowerment and environmental resilience.



Installation is expected to be completed by end of December 2025 marking a significant milestone in the drive towards cleaner energy and improved waste management in rural India.

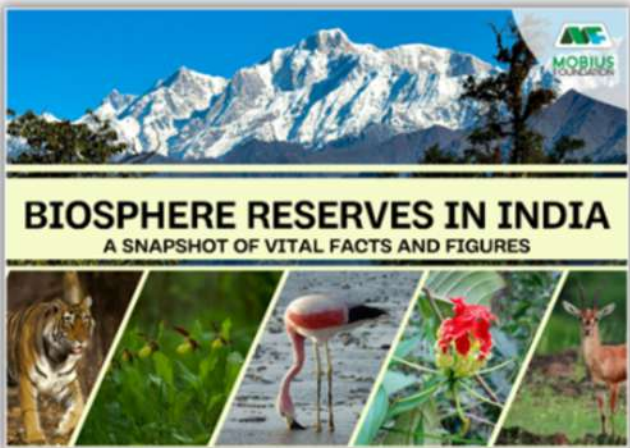


Stills from MoU signing with National Dairy Development Board (NDDB) Dairy Services, NDDB-Mrida and Milk Producer Companies (MPCs)

PUBLICATION:



Mobius Foundation presents "Biosphere Reserves in India: A Snapshot of Vital Facts and Figures", a comprehensive compilation of fact sheets on 18 of India's most important biosphere reserves. This publication offers a concise yet detailed overview of these unique ecosystems, shedding light on their distinctive features, ecological importance and the role they play in preserving our natural heritage. With its accessible format, this resource is designed to serve as a valuable tool for researchers, policymakers, students, and anyone interested in deepening their understanding of India's rich and diverse biodiversity. We hope this publication inspires greater appreciation and awareness of the critical role biosphere reserves play in maintaining ecological balance and sustainability



Peek into the factsheets "Biosphere Reserves In India: A Snapshot of Vital Facts and Figures"



SCAN

Scan the QR code to instantly access the document.



Drowning in Our Progress? Tackling the Growing Menace of Urban Floods in India

A recent key challenge called urban flooding has grasped Indian cities, collectively impacted by climate change and unsustainable infrastructural developments. Major cities throughout the country e.g., Mumbai, Delhi, Kolkata and Chennai, and smaller cities like Vadodara and Guwahati, are facing increased frequency and intensity of floods. Extreme rainfall events, urban sprawl, and inadequate infrastructure drive this. Further, this can solely be a consequence of heavy rainfall but

is intricately linked to man-made alterations like encroachment on water bodies, antiquated drainage systems, and a surge in population leading to higher waste production. The fast-paced urbanisation in the last few decades has resulted in declining natural water bodies that once soaked the excess downpours of monsoon seasons. Additionally, drainage systems in many cities were designed for lesser rainfall, and are incapable of coping with the increased intense rainfall in shorter spells. Accumulation of waste and siltation in the drainage systems have further multi-folded the urban inundation issues in India. Due to this the incurred economic losses and human fatalities in the country remain difficult to believe. Collective awakening of stakeholders for climate-resilient urban infrastructure, proper waste management, and upgrading drainage outdated systems can reduce the inflated risks of urban flooding in India

Authors: Dr. Aditya K Joshi, Advisor, Mobius Foundation and Dr. Panna Chandra Nath, Research Associate, Mobius Foundation.

Published in: Integrated Journal for Research in Arts and Humanities, 12 January, 2025

Link: <https://doi.org/10.55544/ijrah.5.1.4>



Preserving Biosphere Reserves: A Key to Sustainability

The article highlights the urgent need to preserve biosphere reserves for a sustainable future, particularly in rapidly developing nations like India, amid the escalating climate crisis and biodiversity loss as emphasized by the IPCC. It stresses the interconnected environmental crises that require immediate, collaborative action from governments, businesses, and individuals. Biosphere reserves are critical for biodiversity, climate regulation, and ecological functions, playing a key role in global sustainability.

In India, 18 biosphere reserves are under increasing pressure from human activities, despite their rich biodiversity and support for local livelihoods. The article underscores the role of technology in enhancing monitoring, management, and community participation in conservation, as well as the importance of engaging



local communities through alternative livelihoods and the recognition of traditional rights for long-term success. It calls for a shared responsibility, with governments implementing regulations, the private sector adopting green practices, and inter-agency collaboration for integrated management. Ultimately, preserving biosphere reserves is framed as both a moral and environmental imperative, requiring collective action through collaboration, innovation, and education for the benefit of future generations.

Authors: Mr. Pradip Burman, Chairman, Mobius Foundation and Ms. Neha Bhatnagar, Research Associate, Mobius Foundation

Published in: Deccan Chronicle, 19 February, 2025

Link: <https://www.deccanchronicle.com/lifestyle/environment/preserving-biosphere-reserves-a-key-to-sustainability-1862158>

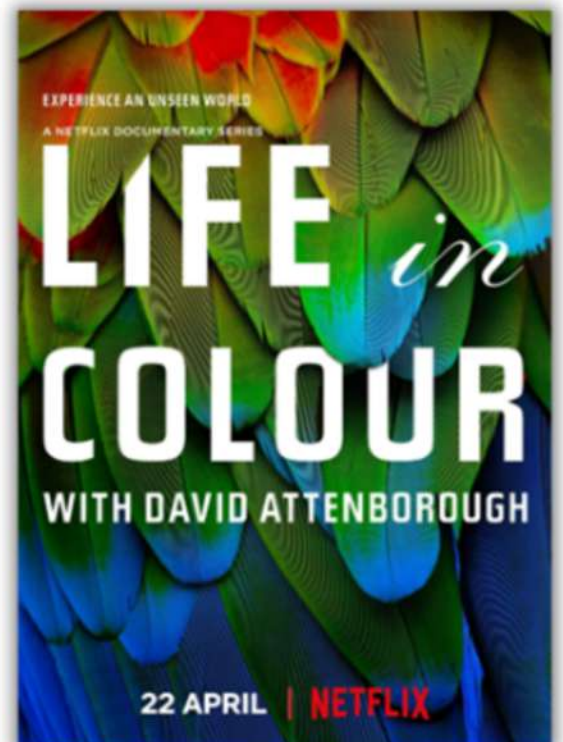
WISDOM HOUR

Life in Color with David Attenborough

Episode 1: Seeing in Color – Attenborough explores how animals perceive a broader spectrum of colors than humans, including ultraviolet light. This enhanced vision helps them find food, select mates, and navigate their environments

Episode 2: Hiding in Color – The focus is on camouflage. Animals like chameleons and octopuses use color to blend into their surroundings, while others rely on disruptive patterns to avoid predators or ambush prey

Episode 3: Chasing Color – Color is used in hunting and mating. Predators use vibrant hues to lure or trap prey, while bright displays help animals attract mates and signal genetic fitness.

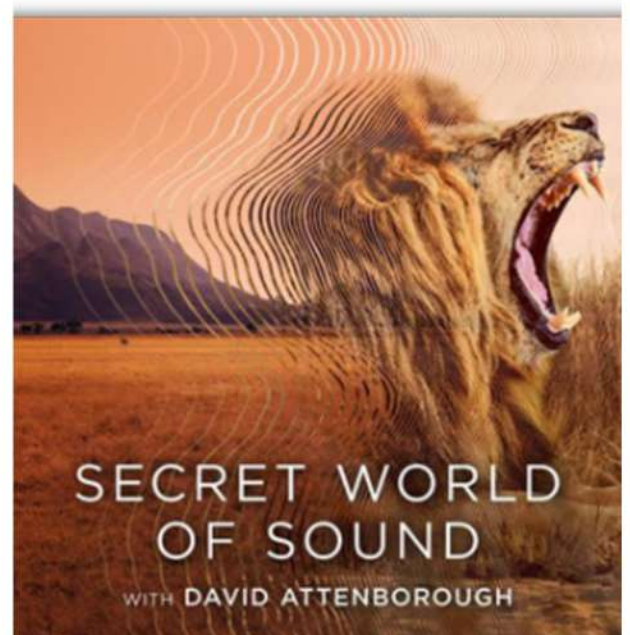


Secret World of Sound with David Attenborough

Episode 1: Hunters and Hunted – This episode explores how sound is used in the hunt and for survival. Predators like dolphins and bats use echolocation to track prey, while prey animals develop strategies to evade detection through sound

Episode 2: Love and Rivals – Attenborough focuses on how animals use sound in mating and rivalry. From the songs of birds to the calls of frogs, sound is essential for attracting mates and establishing dominance over rivals.

Episode 3: Finding a Voice – This episode delves into how animals develop their unique vocalizations. It explores how creatures like elephants, whales, and birds learn to communicate, using sound to express emotions and interact socially



PANEL DISCUSSION

"Biosphere Reserves: Strategies for Sustainable Development and Biodiversity Conservation"

Mobius Foundation organised a panel discussion on “Biosphere Reserves: Strategies for Sustainable Development and Conservation” on 7th February, 2025 at the Constitution Club of India. Esteemed panellists included Dr. Benno Boer (UNESCO), Dr. Priya Gupta (WWF India), Dr. Erach Bharucha (Bharati Vidyapeeth), Dr. Aditya K Joshi (Mobius Foundation), and moderator Mr. Abhilash Khandekar (Senior Journalist).



The event highlighted the vital role of biosphere reserves in biodiversity conservation, sustainable development, and community-led ecological balance. Discussions addressed key challenges, innovative strategies, and policy frameworks, with a focus on preserving India's natural heritage. Attendees included environmental experts, policymakers, researchers, local leaders, and youth advocates.



The event also saw the launch of the report from a previous panel on **Climate Liability, Justice, and Jurisprudence** held on 27th September 2024

PARTICIPATION AND ENGAGEMENT

Mr. Praveen Garg, President, Mobius Foundation, was a distinguished speaker at CEE's *Educating for Sustainable Action conference* (9th –11th January, 2025), contributing to sessions on CSR's role in sustainability and river ecosystem restoration.



Glimpses from the conferences

He also served as a jury member for BW Business World's 7th Sustainability World Conclave on 21st February, 2025. At the *Action for Biodiversity Conservation: Investing in People & Planet* conference on 3rd March, 2025, Mr. Garg highlighted the urgent need to address climate change and biodiversity loss. He emphasized conservation as a vital investment, the importance of partnerships and funding, and called for equitable access to biodiversity services to ensure resilient ecosystems and inclusive development.



Mr. Praveen Garg in glimpses from the conferences



Dr. Ram Boojh in glimpses from the conferences

Dr. Ram Boojh, Advisor, Mobius Foundation, contributed as speaker, panelist, and moderator across key events on sustainability and environmental education. He spoke on wetland conservation at The Climate Reality Project's World Wetlands Day (3rd February, 2025) and highlighted the value of indigenous knowledge at Anant University's conference (21st –23rd February, 2025).

At the National Conference on UN SDGs by Loyola Institute of Frontier Energy, he emphasized the urgency of climate action, citing that only 17% of SDGs are on track. He also engaged in discussions on ICSE 2025 with LIFE leadership. Internationally, Dr. Boojh joined the Citizen of the Ocean Summit in France, addressing education and climate policy at the UNOC3 roundtable. He also served as a jury member for the 2023–2024 World Water Awards, recognizing excellence in water sustainability



Dr. Bhagyashree and Ms. Palakdeep Kaur, joined after their paper presentation.



Mr. Pawan Jai Singh Rathore along with his co-panellists

Dr. Bhagyashree, Program Associate; and Ms. Palakdeep Kaur, Project Associate, Mobius Foundation, joined CEE's Educating for Sustainable Action conference as speakers for the paper presentations.

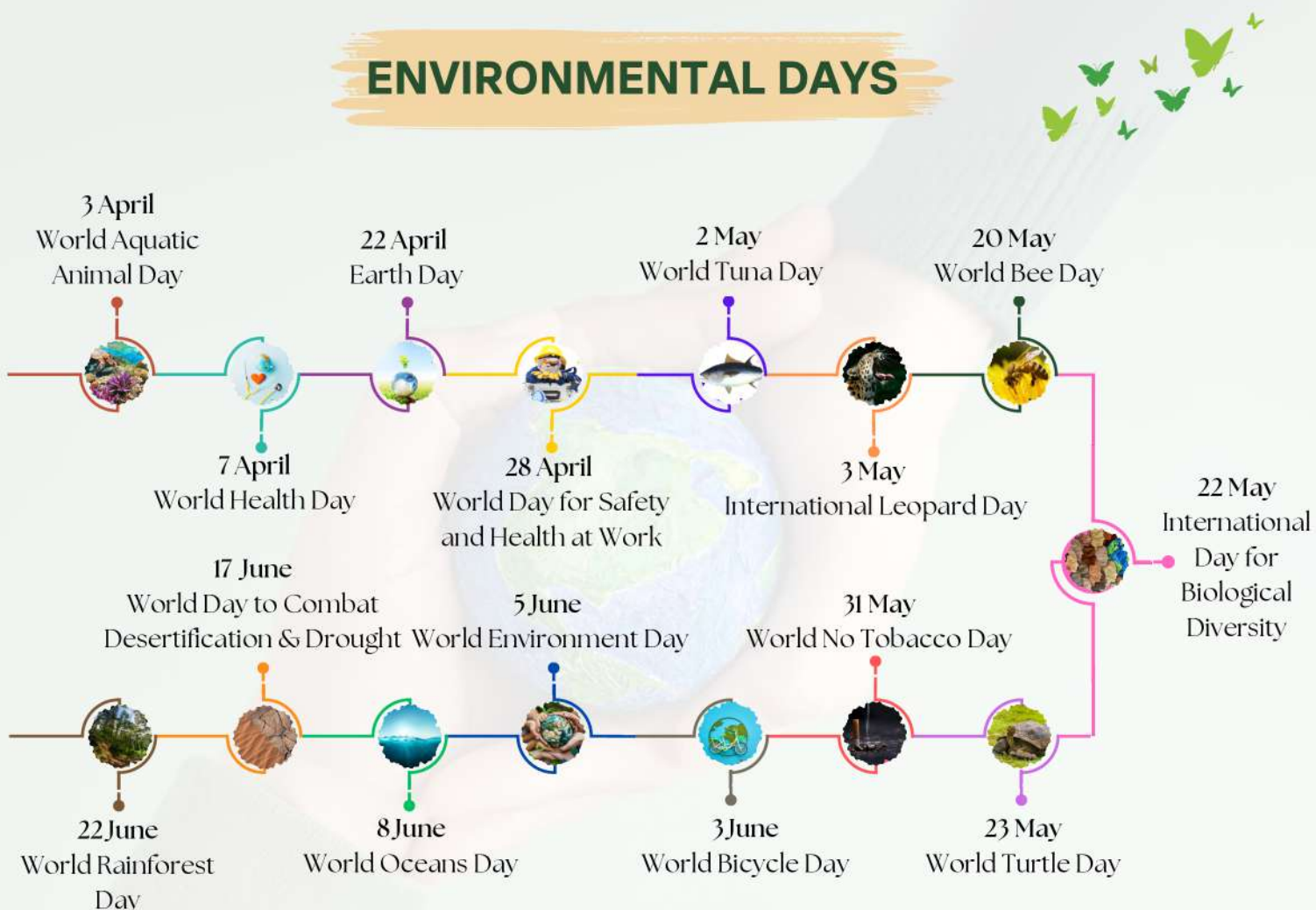
Mr. Pawan Jai Singh Rathore, Research Associate, Mobius Foundation, during the session on "Integrating Biodiversity Conservation into Business Strategy", at the *Action for Biodiversity Conservation: Investing in People & Planet* conference emphasized the necessity of businesses fostering a strong relationship with nature

Ms. Priyanka Sharma, Head – Projects & Partnerships; Dr. Deepti Rai, Senior Research Associate; and Mr. Abhishek Patel, Project Manager, Mobius Foundation attended the workshop ‘MDA Disbursal De-bottlenecking for CBG Producers’, organized by the Department of Fertilisers (DoF) with support from IFGE – CBG Producer Forum, on 19th March 2025. The session addressed key challenges in MDA disbursal, offered insights into successful tender empanelment, and provided a valuable networking platform for industry and government stakeholders



Glimpses from the ongoing workshop

ENVIRONMENTAL DAYS





#ExplainedByMobius – Educational & Awareness Content



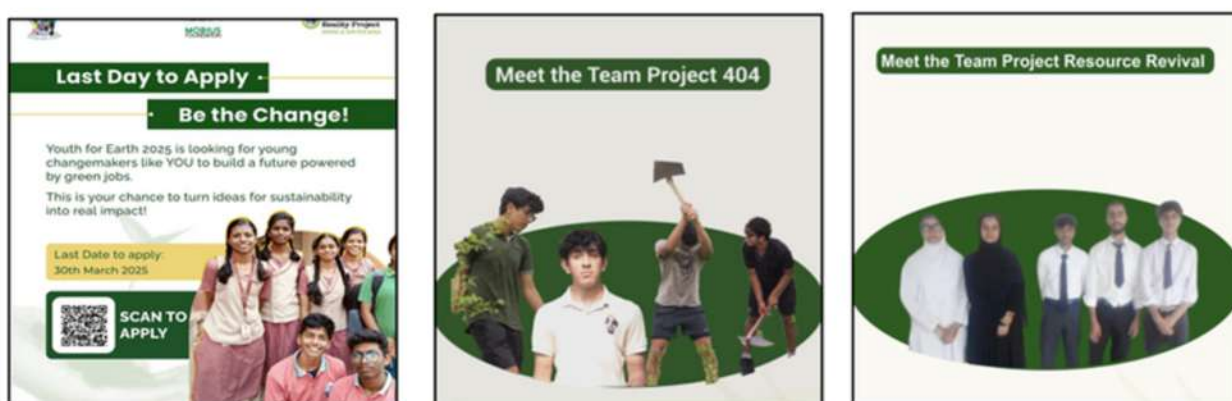
Impressions - 1,54,298 | Reach - 1,48,010 | Engagement - 5,061

#MobiusImpact – Impact & Achievements



Impressions - 1,69,431 | Reach - 1,77,309 | Engagement - 43,964

#Youth for Earth Campaign Launch



Impressions - 38,71,580 | Reach - 32,68,024 | Engagement - 41,509

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