

Cross-sectoral dialogues and conferences on SDGs

Centurion University actively promotes cross-sectoral dialogue to advance the United Nations Sustainable Development Goals (SDGs) through collaborative platforms involving academia, government agencies, industries, and non-governmental organizations (NGOs). The University regularly organizes and participates in conferences, seminars, and workshops that foster meaningful exchanges of ideas, policies, and best practices for sustainable development. The Cross-Sectoral Dialogue is aligned with SDG 3 (Good Health and Well-Being), SDG 4 (Quality Education), SDG 9 (Industry, Innovation & Infrastructure), SDG 13 (Climate Action), and SDG 15 (Life on Land).

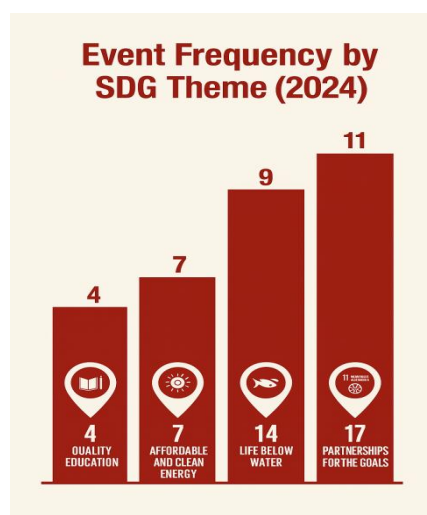
2. Quantitative Overview

CUTM's engagement under SDG 17.2.2 demonstrates measurable outcomes across disciplines and geographies.

Table 1 – Cross-Sectoral Engagement Metrics

Event / Dialogue	Date & Location	Partners Involved	SDG Linkages	Participants	Key Outcomes
AgriVision 2024	Jan 19–21, Bhubaneswar	ICAR, NRRI, SARM	SDG 2, 13, 17	250	Policy paper on precision farming
Health, Safety & Social Security Seminar	Jan 20, CUTM Bhubaneswar	Indo-German Focal Point	SDG 3, 8, 17	120	Workplace safety framework
Biodiversity of Tribal Pockets Workshop	Feb 13, CUTM	INTACH, Vasundhara	SDG 13, 15, 17	90	Biodiversity documentation
Wildlife Symposium	Feb 20, Bhubaneswar	Forest Dept., UNICEF	SDG 15, 17	150	Policy note on wildlife education
Chilika Bird	Feb 24, Chilika	Govt. of	SDG 14,	100	Avian census

Festival		Odisha, NGOs	15, 17		and awareness
ICMSE 2024 (Engineering Conference)	Mar 27–28, Bhubaneswar	NISER, VIT	SDG 9, 12, 17	250	Sustainable materials innovation
Viksit Bharat 2024	Sept 26–27, Paralakhemundi	ORSI, Industry	SDG 4, 8, 9, 17	400	Innovation & youth entrepreneurship
2nd International Conference on Signal Processing, Communication, Power, and Embedded Systems (SCOPEs-2024), IEEE	Dec. 19-21, Paralakhemundi	IEEE Bhubaneswar	SDG 4,7,9,11	650	Innovation and Application



- ❖ **AGRI Vision-** Centurion University participated in 6th International Conference on Agriculture for Sustainable Development (Agri. Vision-2024), from 19th Jan to 21st Jan,2024 Organized by SARM in collaboration with ICAR-NRRI.



Centurion University participated in the conference “Economic Development through Sustainable Agriculture Practices – Together We Make it Possible”, contributing academic expertise through faculty and student presentations and farmer interaction programs. Collaborating with ICAR, the Ministry of Agriculture, NGOs, and industry partners, the University focused on climate-resilient farming, food security, and rural empowerment. Key outcomes included policy recommendations, technology adoption (precision agriculture, biofloc aquaculture), and farmer capacity building, highlighting CUTM’s commitment to sustainable development through cross-sectoral partnerships.

❖ **2nd International IEEE Conference on Signal Processing, Communication, Power, and Embedded Systems (SCOPE-2024):**

The 2nd International Conference on Signal Processing, Communication, Power, and Embedded Systems (SCOPE-2024), hosted by the Department of Electronics and Communication Engineering, Centurion University from 19th December, 2024, and concluded on a high note on 21st December 2024. With participation from over 300 delegates, SCOPE–2024 this three-day event served as a vibrant platform for exchanging ideas, exploring technological advancements, and promoting sustainable engineering solutions for the future.



The conference witnessed overwhelming participation, with **654 research papers** submitted by authors from around the world. Approximately **916 reviewers** from across the globe provided their valuable feedback on these technical papers through Microsoft CMT. Following a rigorous review process, **242 papers** were selected for presentation, including **12 international submissions** from countries such as the USA, Australia, South Africa, Sri Lanka, Saudi Arabia, and Malaysia. The selected papers covered a diverse range of topics, including signal processing, communication systems, power electronics, and embedded technologies.

<p>Chief Patron : Prof. (Dr.) Mukti Kanta Mishra, President, CUTM, Odisha & Andhra Pradesh Prof. D. N. Rao, Vice-President, CUTM, Odisha & Andhra Pradesh</p> <p>Patron : Prof. (Dr.) Supriya Pattanayak, VC, CUTM, Odisha</p> <p>Honorary General Chairs : Prof. (Dr.) G. S. N. Raju, Chancellor, CUTM, Andhra Pradesh Prof. (Dr.) Ganapati Panda, Former Dy. Director, IIT BBS Prof. (Dr.) Okyay Kaynak, Istanbul, Turkey</p> <p>General Chairs: Prof. (Dr.) Anita Patra, Registrar, CUTM, Odisha Prof. (Dr.) Subhranshu Samantaryay, IIT BBS, Odisha</p> <p>Program Chairs: Dr. Prafulla Kumar Panda, CUTM, Odisha Dr. Debendra Kumar Sahoo, CUTM, Odisha</p> <p>Convener : Prof. (Dr.) Ashok Misra, CUTM, Odisha</p> <p>Co-Convener : Prof. Prabhat Kumar Patnaik, CUTM, Odisha Prof. Satyanarayan Padhy, CUTM, Odisha</p>	<p>Venue</p> <p>CUTM, At: Village Alluri Nagar, P.O. : R-Sitapur, Via: Uppalada Paralakhemundi, Dist: Gajapati-761 211, Odisha, India Phone: (06815) 222999, 2230688, Fax: (06815) 222150</p> <p>Approach to Venue</p> <p>Contact Information</p> <p>SCOPES Office Room No: F-221, 2nd Floor, CRC-2, Dept of ECE, School of Engineering & Technology, CUTM Allurnagar, At: R-Sitapur, Paralakhemundi Dist- Gajapati, Odisha, India, Mob : +91 7008242454 Mail ID: scopes2024@cutm.ac.in Website: scopes24.cutm.ac.in</p> <p>Dr. Debendra Kumar Sahoo, Program Chair Contact : +91 7008242454</p> <p>Dr. Ashok Misra, Convener Contact : +91 9937563329</p> <p>Prof. Prabhat Kumar Patnaik, Co-Convener Contact: +91 7008701920</p> <p>Prof. Satyanarayan Padhy, Co-Convener Contact: +91 8817440019</p>	<p>2nd International Conference on Signal Processing, Communication, Power & Embedded System (SCOPES-2024) 19th - 21st December 2024</p> <p>Organised by Department of Electronics and Communication Engineering School of Engineering and Technology Centurion University of Technology and Management, Odisha (Accredited with NAAC Grade A*)</p> <p>Technical Co-Sponsor IEEE Kolkata Section, Bhubaneswar Subsection</p>
<p>Key Note Speaker</p> <p>Prof. (Dr.) Naeem Hanoon, University of Teknologi MARA, Shah Alam, Malaysia Prof. (Dr.) Amit Mishra, Aboerystwyth University, Sweden Prof. (Dr.) Bansidhar Majhi, VC, VSSUT, Burla, India Prof. (Dr.) Tapan Gandhi, IIT Delhi, India Prof. (Dr.) Ganapati Panda, Former Dy. Director, IIT BBS, India Prof. (Dr.) Sarat Patra, Director, NIT Agartala, India</p>		

SCOPES-2024 featured insightful keynote sessions led by esteemed professionals **Dr. P. S. R. Srinivasa Sastry**, Founder & Former Director, DSP, DRDO, Hyderabad, **Prof. (Dr.) Naeem Hanoon**, University of Teknologi MARA, Malaysia., **Dr. Raffaele Scuderi**, Electromagnetics Industry Process Consultant

and SIMULIA EMAG Specialist, **Ms. Renuka Srinivasan**, Director, SIMULIA India, Dassault Systems, **Prof. (Dr.) Ganapati Panda**, Former Deputy Director, IIT Bhubaneswar, **Mr. Sunil Sabat**, Principal Program Manager, Microsoft Corporation, **Prof. H. K. Ratha**, Chair, IEEE Bhubaneswar Sub-section & Retired Director, ITR, Chandipur, **Mr. Purna Chandra Mohanty**, CEO, Marquee Semiconductor, **Dr. Jagannath Nayak**, Director, DRDO, Hyderabad,

❖ Centurion University Successfully Concludes Health, Safety & Social Security Seminar in Collaboration with Indo-German Focal Point

Centurion University organized a Seminar on Health, Safety, and Social Security in collaboration with the Indo-German Focal Point (IGFP) on January 20, 2024, at its Bhubaneswar campus. The event promoted awareness and dialogue on integrating health, safety, and social security standards in educational and industrial settings. Key sessions addressed occupational health, workplace safety, social security frameworks, and the integration of international safety standards, fostering collaboration between CUTM and IGFP for sustainable and safe institutional development.



The seminar was jointly organized by the School of Management and the Training & Placement Department of CUTM, with active participation from over 120 attendees, including faculty members, student representatives, safety professionals, and officials from IGFP.



This initiative directly supports SDG 3 (Good Health and Well-being) and SDG 8 (Decent Work and Economic Growth) by promoting safe and inclusive institutional environments aligned with international standards.

❖ **Vikshit Bharat: INNOVATIVE BUSINESS, AGRICULTURE, TECHNOLOGY AND RESOURCE MANAGEMENT FOR SUSTAINABLE GROWTH**

Centurion University hosted the International Conference on Viksit Bharat: Innovative Business, Agriculture, Technology and Resource Management for Sustainable Growth (ICVBSG-2024) on September 26–27, 2024, at its Paralakhemundi campus, in collaboration with the Odisha Research & Innovation Society (ORSI). The event featured keynote sessions by experts from Australia, Malaysia, and India, a panel discussion on sustainable development, and a student track with over 160 abstracts from 15 countries. CUTM collaborated with government bodies, international academia, industry, NGOs, and youth, addressing sustainable agriculture, innovation, and inclusive growth for Viksit Bharat @2047.

Outcomes:

- Policy insights generated on sustainable growth and innovation.
- Awards and recognitions, including Best Student Paper presentation to Ms. M. Geetika (CUTM’s School of Engineering).
- Best Paper Presentations (Faculty) was given to Dr. M.Sairam and Mr. Sitabhra Majumdar.
- Youth-led ideas on sustainability and innovation were highlighted and amplified.
- Strengthened cross-sectoral partnerships between academia, government, and industry.

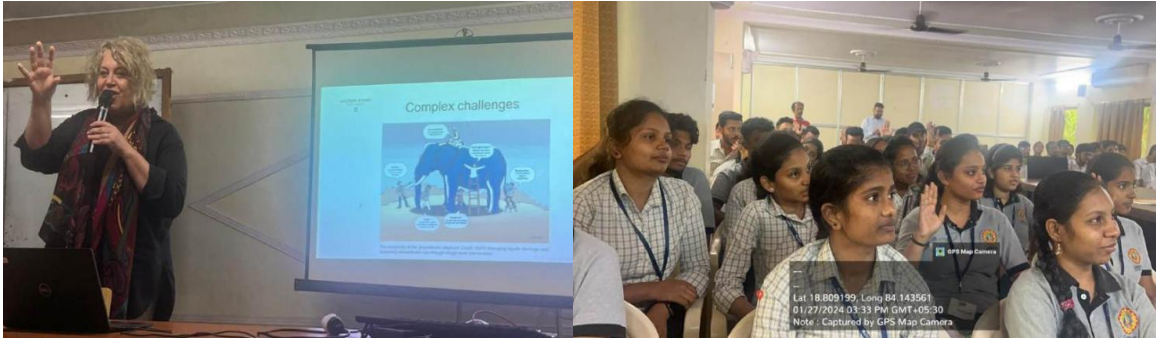


❖ Seminar on Biodiversity of Tribal Pockets of Eastern Ghat and Environmental Sustainability:

Centurion University organized a seminar titled “Biodiversity of Tribal Pockets of Eastern Ghat and Environmental Sustainability” in collaboration with local forest departments and environmental NGOs such as INTACH (Indian National Trust for Art and Cultural Heritage) and Vasundhara Odisha. The event, held in 13th Feb, 2024, brought together researchers, students, government officials, and NGO representatives to foster cross-sectoral dialogue. The seminar focused on preserving biodiversity in tribal regions and promoting environmental sustainability through collaborative strategies.

❖ A Talk on Education for Being Responsible SDG Professionals

On January 27, 2024, the School of Management at Centurion University organized a talk on “Education for Being Responsible SDG Professionals” with Prof. Jen Dollin, Director of Sustainability and External Partnership at Western Sydney University, as the keynote speaker. The session aimed to build awareness among BBA and B.Sc. Agriculture students on the role of Sustainable Development Goals (SDGs) in shaping responsible global professionals. Prof. Dollin highlighted key sustainability challenges such as urbanization, biodiversity loss, and multicultural dynamics, and emphasized the importance of interdisciplinary knowledge, systemic thinking, and stakeholder communication. The interactive session fostered student engagement and critical thinking, aligning with Centurion University's commitment to integrating SDG principles into higher education and professional development. A total number of 77 students participated in the seminar.



**A TALK ON EDUCATION FOR
BEING RESPONSIBLE SDG
PROFESSIONALS**

Ms. Jen Dollin
Director Sustainability & External Partnership
Western Sydney University

27 January 2024, 3.30pm-4.30pm
MBA Seminar Hall, School of Management
Paralakhemundi Campus

❖ Workshop on “Odisha Wildlife Conclave”

Centurion University participated in the Workshop on “Odisha Wildlife Conclave” held on March 3, 2024, at Jayadev Bhawan, Bhubaneswar, organized on the occasion of World Wildlife Day. The event brought together government officials, conservation experts, NGOs, and academicians to discuss wildlife protection, biodiversity conservation, and sustainable ecosystem management. Dr. Siba Prasad Parida from CUTM served as a resource person, and Mr. Sushant Kumar Panda, a Zoology student from the School of Applied Sciences, represented the University. The workshop promoted cross-sectoral dialogue on SDG 15 (Life on Land) and highlighted CUTM’s active engagement in biodiversity and sustainability discussions.



❖ **Symposium on Wildlife and Biodiversity Conservation**

Centurion University participated in the Symposium on Wildlife and Biodiversity Conservation held on February 20, 2024, at the Regional Science Centre, Bhubaneswar. Key speakers Shri Susanta Nanda (PCCF-cum-CWLW, Government of Odisha) and William Hanlon (UNICEF, Odisha), who emphasized policy and community roles in wildlife protection.

Eminent conservationists such as Dr. Lala Ashwini Kumar Singh, former Wildlife Biologist, and Dr. Pratyush P. Mohapatra, Scientist-E, Zoological Survey of India, discussed landmark initiatives like Project Tiger, Project Crocodile, and Project Elephant. The symposium concluded with a panel discussion among youth and researchers, generating innovative suggestions for enhancing conservation efforts, which were noted for consideration by the Government of Odisha.



❖ **4th National Chilika Birds Festival - 2024**

Centurion University actively participated in the 4th National Chilika Birds Festival 2024, held on

“Advancement in Animal Handling and Generative AI for Pre-Clinical Studies” on June 28–29, 2024, with 350 participants from academia, government, and industry. The event featured experts from NISER, VIT, and Sambalpur University, discussing ethical animal research, AI-driven drug discovery, and biomedical innovation. Coordinated by Ms. Rupali Rupasmita Rout, the conference promoted cross-sectoral collaboration and policy-oriented dialogue, advancing SDG 3 (Good Health and Well-being), SDG 9 (Industry, Innovation and Infrastructure), and SDG 17 (Partnerships for the Goals) through knowledge sharing and sustainable research practices.

❖ **Centurion University Successfully Hosts Conference on the Recent Advances in Allied Medical Sciences on dated 2nd Feb, 2024**

The School of Paramedics and Allied Health Sciences (SoPAHS) at Centurion University (CUTM), Bhubaneswar, organized a national conference on “Recent Advancements in Allied Medical Sciences” on February 2, 2024, with participation from over 85 medical professionals, academicians, government officials, NGO representatives, and alumni. The event provided a platform for cross-sectoral dialogue on innovations and challenges in healthcare. The conference was graced by Prof. (Dr.) Sachidananda Mohanty (DMET, Odisha), Prof. (Dr.) Sanjay Rajpal (YPSOMED India Pvt. Ltd.), and Dr. Fulana Kumari Dei (President, TNAI, Odisha), along with senior CUTM leadership. Discussions focused on emerging healthcare technologies, diagnostics, and collaborative learning in allied sciences. Eminent speakers including Dr. Jyotiranjana (NISER), Dr. Gautam Patnaik (H&FW Department), and Mr. M. Vinay Dinakaran (Maya Eye Care Pvt. Ltd.) presented insights on physiotherapy trends, diagnostic innovation, and advancements in optometry.



❖ **International Conference On Cutting Edge Advancement & Innovation In Electrical Electronics & Communication Engineering on 1st-5th July,2024**

<p>About the University</p> <p>Centurion University is a leader in "Skill Integrated Higher Education," focusing on sustainable livelihoods through employability and entrepreneurship. Recognized by governments, UNESCO, the World Bank, and Niti Ayog, its School of Vocational Education and Training was recently designated a Center of Excellence by the Ministry of Skill Development and Entrepreneurship, the only university in India to receive this honor. Centurion aims to be a premier human resource development hub, offering industry-relevant education, skill development, entrepreneurship, and technology. Its credo, "Shaping Lives. Empowering Communities," is grounded in inclusivity, integrity, equity, respect, and sustainability. Founded in 2005 and established as a university in 2010 (Odisha Act 4 of 2010), Centurion has crafted tailored learning and employability pathways for youth in underserved areas of Odisha and Andhra Pradesh. Since 2015, it has embraced the Sustainable Development Goals (SDGs), integrating nine specific SDGs into its strategy and operations. This commitment has created an environment where education and skill development translate into meaningful societal impact, contributing indirectly to nearly all 17 SDGs.</p>	<p>About Dept of EEE</p> <p>Electrical and Electronic Engineering is one of the most sought after engineering course in the country. It has immense potential and increasingly exciting future prospects. Electrical and Electronic engineering is broadly known as electrical power engineering & electronic engineering. These engineers are responsible for designing, developing, testing and supervising the production of electrical and electronic equipment and machinery. Broadcast and telecommunication systems, power generation, controls of machinery, lights and wiring in building complexes, vehicles, electric motors, radar and navigation systems, aircraft, control and transmission devices which are used by electric. They may also work in fields related to IT and IT enabled services.</p>	 <p>Faculty development Programme on Cutting Edge Advancements & Innovations in Electrical Electronics & Communication Engineering</p> <p>Date : 1st -5th July - 2024</p>									
<p>About Dept of ECE</p> <p>Department of Electronics and Communication Engineering aims to produce qualified and dynamic engineers in the fast-changing area of Smart Devices, Mobile emerging technologies, automation, Industrial IoT, and VLSI. The Department has sophisticated and modern laboratory equipment and software/tool (HFSS, CADENCE, MATLAB, MULTISIM, KEIL Vision, LABVIEW) for research and development work in the areas of Antenna and Microwave Engineering, Signal Processing and Communication, VLSI and Embedded System. The department of ECE undertakes real-time application projects in Smart Irrigation, Industrial IoT, Soil Moisture Prototype Development, Insulin Pump Prototype Development and Chip Design.</p>	<p>Key-note Speaker</p> <p>Prof. Bidyadhar Subudhi - Director, NIT, Warangal</p> <p>Experts from Academics Prof. Pravat Kumar Ray - Professor, NIT Rourkela Prof. Bibhu Prasad Panigrahi - Professor, IGIT, Sarang Dr. Basant Kumar Sethi - Asst prof., NIT Surat Dr. Nishant Kumar - Asst. Prof., IIT Jodhpur Dr. Shalendra Kumar - Asst. Prof., IIT Bhilai Dr. M. Chakkarapani - Asst Prof., NIT Trichy Dr. Rasewari Pradhan - Asst. Prof., VSSUT, Burla Dr. Soumya R. Mahapatro - Assoc. Prof., VIT, Chennai</p> <p>Experts from Industry Er. Sambit Sagar Pani - Superintendent Engineer, State Govt. of Odisha Dr. Saumya Ranjan Sahoo - Senior Research Development Engineer</p>										
<p>Registration Fees</p> <table border="0"> <tr> <td>Persons from Academics-</td> <td style="text-align: right;">299/-</td> </tr> <tr> <td>Research Scholars/students-</td> <td style="text-align: right;">199/-</td> </tr> <tr> <td>Industry Person-</td> <td style="text-align: right;">500/-</td> </tr> </table>	Persons from Academics-	299/-	Research Scholars/students-	199/-	Industry Person-	500/-	<p>Contacts :</p> <p>+91 7008701920 +917978250836 +918763189799</p> <div style="text-align: center;"> <p>ACCEPTED HERE</p>  <p>Scan here to Pay</p> </div>	<p>Coordinators :</p> <table border="0"> <tr> <td>Prof. Prabhat Kumar Pattnaik</td> <td>Dr. Prangya Parimita Pradhan</td> <td>Dr. Abinash Rath</td> </tr> </table> <p>Organized by</p> <p>DEPARTMENT OF ECE AND EEE, SCHOOL OF ENGINEERING AND TECHNOLOGY</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Advancing Technology for Humanity</p> </div> <div style="text-align: center;"> <p>Register</p>  <p>SCAN ME</p> </div> </div>	Prof. Prabhat Kumar Pattnaik	Dr. Prangya Parimita Pradhan	Dr. Abinash Rath
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Centurion University organized a week-long Faculty Development Programme (FDP) on Cutting Edge Advancements & Innovations in Electrical, Electronics & Communication Engineering from 1st to 5th July 2024. The event brought together over 250 participants including faculty members, research scholars, students, and industry professionals from across India. The FDP aimed to strengthen technical knowledge, encourage research collaboration, and enhance innovation capacities in emerging domains such as Smart Devices, VLSI Design, IoT, Artificial Intelligence, Embedded Systems, and Renewable Energy Technologies.

Key Highlights:

- Keynote Speaker: Prof. Bidyadhar Subudhi, Director, NIT Warangal
- Expert Sessions: Conducted by eminent academicians and researchers from NITs, IITs, VSSUT, VIT, and other leading institutions.

- **Industry Insights:** Shared by senior engineers from the State Government of Odisha and research organizations, emphasizing industry–academia collaboration.
- **Hands-on Training:** Participants engaged in lab-based learning using tools such as MATLAB, LABVIEW, and VISION systems to design and simulate real-world applications.

Outcomes:

- Strengthened faculty competencies in advanced engineering research and innovation.
- Fostered collaboration between academia and industry to promote applied research and sustainable technological practices.
- Encouraged participants to integrate sustainable engineering concepts into their teaching and project development. Enhanced CUTM's role as a hub for innovation-driven education aligned with global sustainability goals.

❖ **International Conference on Materials for Sustainable Environment- (ICMSE 2024)**

Event Details: Organized by Centurion University on 27–28 March 2024 in hybrid mode, hosted by the School of Applied Sciences, Bhubaneswar campus.

Objective: To discuss innovations and challenges in the development and application of sustainable materials for environmental sustainability.

Participants: A total number of 250 participants were attended the conference including eminent scientists, researchers, academicians, and industry professionals from India and abroad participated.

- **Key Themes:**

- Nanotechnology and biotechnology
- Polymer composites and green materials
- Sustainable industrial practices
- Alignment with **UN SDG 9** (Industry, Innovation & Infrastructure) and **SDG 12** (Responsible Consumption & Production)

- **Distinguished Guests:**

- **Prof. Chittaranjan Kole**, DAE, Govt. of India

- **Prof. Karunakar Nanda**, Institute of Physics
- International scholars from **Japan, Ireland, and Ethiopia**
- **Outcome:** Served as an interdisciplinary platform for knowledge exchange and promotion of environmentally sustainable research and development.



- **Way Forward (2025–2030)**

- Expand cross-sectoral platforms to include climate-finance and blue-economy themes.
- Develop joint training modules with partner universities for SDG capacity building.
- Establish a CUTM Partnership Observatory to track SDG impact metrics annually.

- **Summary of SDG 17.2.2 Impact**

CUTM's commitment to multi-stakeholder dialogue has enhanced knowledge sharing, policy influence, and innovation. By bridging research, practice, and community action, CUTM positions SDG 17 as the core enabler of transformative change across sectors and regions.