

GREEN JOBS



NEWSLETTER

ISSUE 35 | JULY 2026

SKILLING TODAY FOR A SUSTAINABLE TOMORROW

Building a future-ready workforce
for a **cleaner, greener** and
resilient tomorrow.



SKILLING

Empowering youth
with green skills



SUSTAINABILITY

Building a sustainable
and inclusive future



INNOVATION

Driving innovation for
a better tomorrow



OPPORTUNITY

Creating opportunities
for all



TOGETHER

**WE BUILD A GREENER
& BETTER FUTURE**

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From the CEO's Desk



As India accelerates its transition towards a low-carbon, resource-efficient, and climate-resilient economy, the need for a highly skilled green workforce has never been greater. The journey towards achieving our national commitments under the National Green Hydrogen Mission, Renewable Energy targets, Circular Economy initiatives, and broader sustainable development goals depends fundamentally on the availability of competent professionals equipped with future-ready skills.

The Skill Council for Green Jobs (SCGJ) was established with a clear vision to build a skilled workforce capable of driving India's green economy while creating sustainable livelihoods across emerging sectors. Over the years, SCGJ has played a pivotal role in developing National Occupational Standards (NOSs), Qualification Packs (QPs), training curricula, assessment frameworks, and industry partnerships that bridge the gap between skill development and employment.

The green economy is evolving at an unprecedented pace. Emerging sectors such as Renewable Energy, green hydrogen, electric mobility, energy efficiency, sustainable construction, waste management, carbon markets, and climate finance are reshaping industries and creating new opportunities. Preparing the workforce for these opportunities requires continuous innovation in skilling, stronger collaboration with industry, academia, government, and international partners, and an unwavering commitment to quality.

This publication reflects our continued efforts to strengthen knowledge dissemination and capacity building within the Green Skills ecosystem. It has been developed to serve as a valuable resource for learners, trainers, professionals, institutions, policymakers, and industry stakeholders. By combining technical knowledge with practical insights, we aim to support the development of competencies that are aligned with evolving industry requirements and global best practices.

At SCGJ, we firmly believe that skill development extends beyond employability it is an investment in building resilient communities, fostering innovation, and promoting environmental stewardship. Every individual trained in Green Skills becomes a catalyst for sustainable development, contributing not only to economic growth but also to the preservation of our natural resources for future generations.

The remarkable progress achieved by SCGJ has been possible through the unwavering support of the Ministry of Skill Development and Entrepreneurship (MSDE), the National Council for Vocational Education and Training (NCVET), our industry members, training partners, academic institutions, development organizations, and numerous national and international collaborators. Their trust and partnership continue to strengthen our mission of creating a future-ready workforce for a greener India.

As we look ahead, our focus remains on expanding the reach of green skilling, embracing technological advancements, promoting lifelong learning, and ensuring that India's workforce is equipped to lead the global transition towards sustainability. Together, we can transform environmental challenges into opportunities for innovation, employment, and inclusive economic growth.

I extend my sincere appreciation to everyone who has contributed to this publication and to the broader mission of advancing Green Skills in India. I encourage every reader to use this resource as a platform for learning, collaboration, and action. Let us continue working together to build a skilled, sustainable, and prosperous nation.

Arpit Sharma
Chief Executive Officer
Skill Council for Green Jobs (SCGJ)

Watch the Interview



WRI INDIA



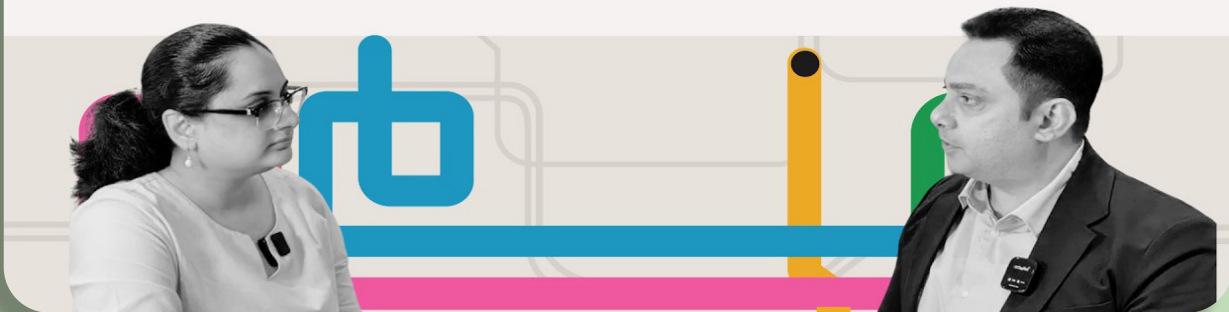
ARES CHARITABLE FOUNDATION



MIND THE SKILL GAP

Episode 1 | Building a Green Economy: *One Skill at a Time*

In conversation with Arpit Sharma



Discover how Green Skills are shaping the future of India's workforce. Scan the QR code to watch Episode 1 of Mind the Skill Gap, featuring an insightful conversation with Arpit Sharma, CEO, SCGJ on building a green economy, addressing the skills gap, and preparing talent for emerging green careers.

Scan the QR Code
Watch the Interview

SECTION 01

STATISTICS

STATISTICS AT A GLANCE

A Decade of Green Skilling Impact

Skill Council for Green Jobs (SCGJ)

The Skill Council for Green Jobs (SCGJ) continues to play a pivotal role in developing a skilled workforce to support India's transition towards a sustainable and low-carbon economy. Since its inception in 2015, SCGJ has steadily expanded its reach across multiple green sectors, equipping hundreds of thousands of candidates with industry-relevant skills aligned with national priorities and emerging employment opportunities. Alongside these cumulative achievements, the Council continues to deliver strong quarterly performance in training and assessment, reflecting its commitment to quality and workforce readiness.

Cumulative Sector-wise Enrolment (2016–Present)

The cumulative enrolment statistics demonstrate the scale and diversity of SCGJ's skilling ecosystem over nearly a decade. Waste Management remains the largest sector, accounting for 454,533 candidates, reflecting sustained national demand for sanitation, waste segregation, recycling, and environmental services. Solar Energy follows with 243,865 candidates, highlighting India's continued investment in Renewable Energy and the growing demand for skilled professionals in solar installation, operation, and maintenance.

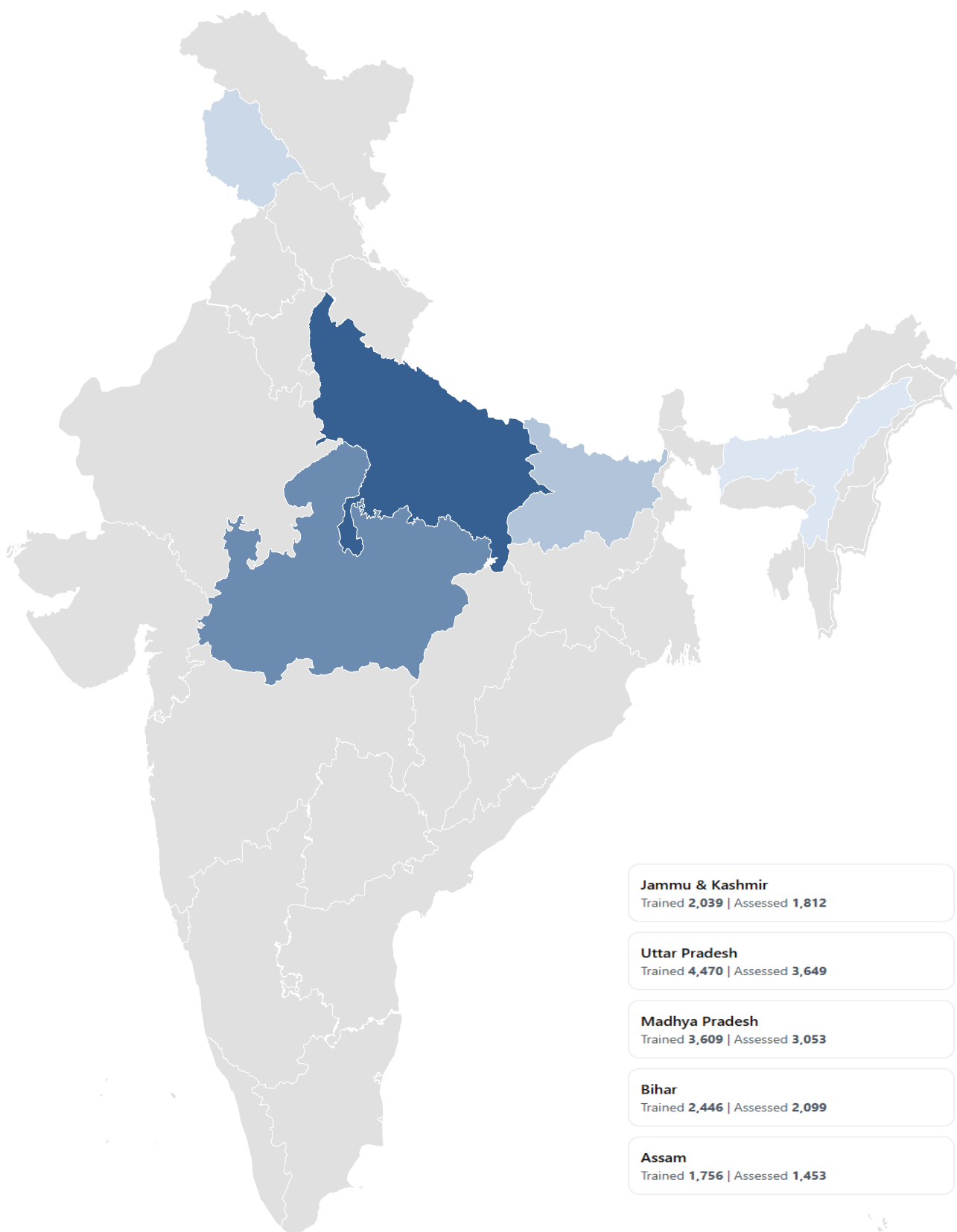
Emerging sectors have also witnessed encouraging growth. Green Hydrogen has enrolled 6,435 candidates, indicating the rapid development of skills required under India's National Green Hydrogen Mission. Other sectors, including Wind Energy (2,015 candidates), Small Hydro (1,538 candidates), Other Green Jobs (407 candidates), and Sustainable Development (53 candidates), reflect SCGJ's strategic expansion into new and future-oriented green industries. Together, these figures represent more than 708,000 cumulative candidate enrolments since 2016, underscoring SCGJ's long-term contribution to building a future-ready green workforce.

Sector	Total Candidates	Key Job Roles	Candidates
Waste Management	454,533	Safai Karamchari	428,460
		Recyclable Waste Collector & Segregator	8,812
		Swachhta Saarthi	5,033
		Waste Picker	3,764
		Junior Technician – Mechanized Sewer Cleaning	3,088
		Wastewater Treatment Plant Technician	1,218
		Agri-residue Aggregator	1,162
		Safai Mitra	810
		Desludging Assistant	497
		Desludging Operator (All Versions)	493
		Wastewater Treatment Plant Helper	377
		Biomass Depot Operator	210
		Manager – Waste Management	187
		Other Job Roles*	432
Solar Energy	243,865	Solar PV Installer (Suryamitra)	135,846
		Solar PV Installation Helper	20,115
		Solar PV Installer – Electrical	21,066
		Solar PV Installation Helper (QP v4.0)	15,640
		Solar PV Installer (Suryamitra) – QP v4.0	9,796
		Solar PV Project Helper	9,446
		Solar Lighting Assembler	9,070
		Solar Photovoltaic Entrepreneur	2,674
		Solar PV Designer	2,545
		Rooftop Solar Grid Engineer (All Versions)	2,381
		Solar PV Installer – Civil	1,724
		Solar PV Manufacturing Operator/Technician	2,626
		Solar PV Maintenance Technician – Electrical	1,535
		Solar Proposal Evaluation Specialist	692
		Other Solar Job Roles*	8,709

Green Hydrogen	6,435	Green Hydrogen Plant Entrepreneur	1,635
		Green Hydrogen Plant Technician	1,323
		Junior Technician – Electrolyzer	1,000
		Junior Technician – Power Sources	995
		Junior Technician – Storage	566
Wind Energy	2,015	Junior Technician – Desalination	490
		Green Hydrogen Plant Entrepreneur (QP)	220
		Green Hydrogen Plant Technician (QP)	206
		O&M Electrical & Instrumentation Technician	870
		O&M Mechanical Technician	657
Small Hydro	1,538	Wind Resource Assessor & Site Surveyor	458
		Small Hydro Power Plant Technician (Jal Urja Mitra)	30
		Small Hydro Power Plant Technician	760
		Small Hydro Power Plant Technician (Jal Urja Mitra)	628
		Small Hydro Power Plant Technician (v1.0)	90
Other Green Jobs	407	Solar PV Installer (Suryamitra)	30
		Solar Water Pumping Junior Engineer	30
		Improved Cookstove Installer	293
		Paper Bag Maker – Micro Entrepreneur	84
		Technician – Paper Bag Manufacturing	27
Sustainable Development	53	Portable Improved Cookstove Distributor	3
		GHG Accounting & Sustainability Reporting	53

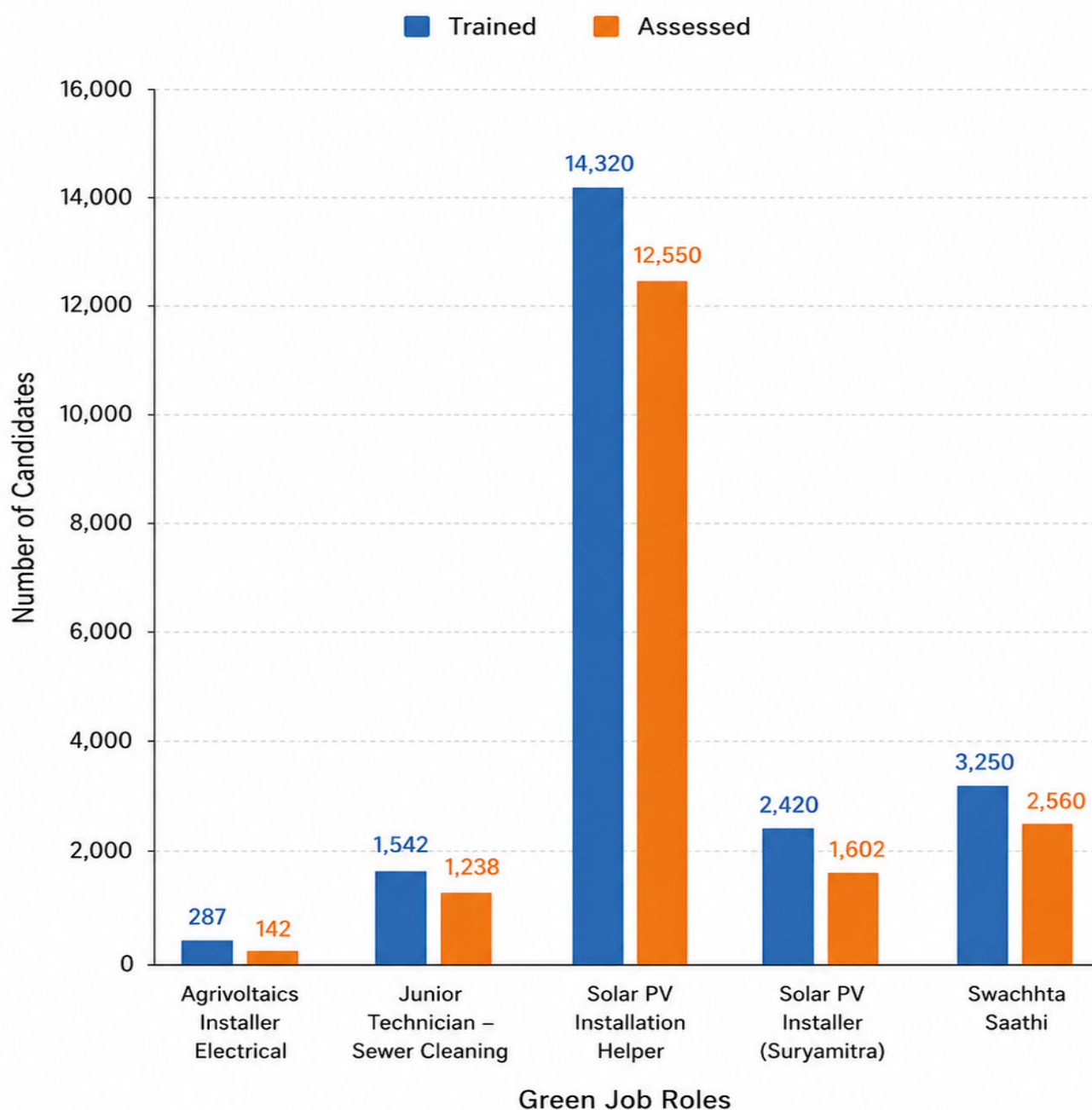
Quarter 1 Performance Highlights

During Quarter 1, SCGJ trained 21,819 candidates and successfully assessed 18,092 candidates across its Programmes. Uttar Pradesh emerged as the leading state in terms of candidate participation, followed by Madhya Pradesh, Bihar, Jammu & Kashmir, and Assam. The high proportion of candidates completing assessments reflects SCGJ's emphasis on competency-based training and nationally recognized certification.



State-wise Training & Assessment Overview, Quarter 1

Among the various occupational roles delivered during the quarter, Solar PV Installation Helper recorded the highest number of candidates trained and assessed, reaffirming the continued expansion of India's solar energy sector. Other significant job roles included Swachhta Saarthi, Solar PV Installer (Suryamitra), Junior Technician – Sewer Cleaning, and Agrivoltaics Installer (Electrical), illustrating the balanced focus on Renewable Energy, environmental services, and emerging green technologies.



Candidates Trained vs. Assessed by Green Job Role, Quarter 1

Looking Ahead

The statistics reflect SCGJ's evolution from a sector-focused skilling organization into a national catalyst for green workforce development. While the cumulative enrolment data demonstrates the lasting impact of Programmes implemented since 2016, the Quarter 1 achievements illustrate continued momentum in expanding access to quality Green Skills. As India accelerates its transition towards clean energy, Circular Economy practices, and climate resilience, SCGJ remains committed to strengthening industry-aligned training, enhancing employability, and creating a skilled workforce capable of driving sustainable economic growth.

SECTION 02

Events & Programme Highlights

SCGJ Signs MoU with TÜV Rheinland India Pvt. Ltd. to Strengthen Green Skilling for Rural Youth

The Skill Council for Green Jobs (SCGJ) has signed a Memorandum of Understanding (MoU) with TÜV Rheinland India Pvt. Ltd. for the implementation of the “New Age & Emerging Trade Skilling Programme in RTD Model under ORMAS.” The partnership aims to enhance access to industry-relevant Green Skills for rural youth, creating pathways to sustainable employment and supporting India’s transition to a green economy.

Under the agreement, SCGJ will serve as the Programme Management and Monitoring Agency, overseeing Programme implementation, ensuring quality assurance, compliance with prescribed standards, and facilitating certification. TÜV Rheinland India Pvt. Ltd. will function as the Implementing Partner, responsible for candidate mobilization, establishment of training centres, delivery of NSQF-aligned training Programmes, coordination of assessments and certifications, and ensuring a minimum placement rate of 70 percent for every training batch, along with post-placement tracking.

The collaboration underscores the shared commitment of both organizations to equipping rural youth with future-ready skills that meet the evolving demands of emerging green industries. By combining SCGJ’s expertise in skill ecosystem development with TÜV Rheinland’s experience in training delivery and industry engagement, the initiative is expected to strengthen workforce readiness while contributing to sustainable livelihoods and inclusive economic development.

The partnership marks another significant step towards advancing India’s green growth agenda by creating a skilled workforce capable of supporting the country’s expanding Renewable Energy and sustainability sectors.



SCGJ and TÜV Rheinland India representatives at the MoU signing

SCGJ Conducts Five-Day Training Programme on Biogas Plant Operations in Lucknow

The Skill Council for Green Jobs (SCGJ) successfully conducted a five-day training Programme on “Essentials of Biogas Plant Operations” in Lucknow from 15–19 May 2026. The Programme was organised under the dPPP project, “Improving Air Quality through Biomass-based Fossil Fuel Alternatives in India,” implemented by GIZ India in partnership with GPS Renewables Pvt. Ltd.

The training Programme was designed to strengthen participants’ technical and operational competencies in biogas plant operations, with a focus on plant maintenance, safety protocols, operational efficiency, and hygiene practices. The initiative aimed to build a skilled workforce capable of supporting the growing bio-energy sector and promoting sustainable energy solutions.

On the final day of the Programme, Ms. Sonia Parashar and Mr. Vibhash Trivedi from SCGJ conducted a monitoring and site visit to the biogas plant. During the visit, they interacted with the trainees, observed practical demonstrations, and reviewed the hands-on aspects of biogas plant operations and maintenance to assess the effectiveness of the training.

The Programme highlighted the collaborative efforts of SCGJ, GPS Renewables Pvt. Ltd., and GIZ India in strengthening workforce capabilities in the bio-energy sector. By enhancing technical skills and practical knowledge, the initiative contributes to India’s ongoing efforts to improve air quality, promote Renewable Energy adoption, and accelerate the transition towards a cleaner and more sustainable energy future.



Site visit and monitoring at the biogas plant, Lucknow

| SCGJ Participates in India–Germany TVET Bridge Courses Kick-off Workshop

The Skill Council for Green Jobs (SCGJ) participated in the Kick-off Workshop on TVET Bridge Courses between India and Germany, held on 30 April 2026 at Hotel The Grand, New Delhi. The workshop was organised by GIZ under the Indo-German Green Skills Programme (IGGSP) and brought together representatives from government ministries, Sector Skill Councils, industry, and training institutions to strengthen collaboration between the vocational education and training (TVET) systems of India and Germany.

SCGJ was represented by Mr. Kamal Saxena, Senior Manager – Strategy & Operations; Ms. Sonia Parashar, Manager – Standards & Research; Mr. Vinod Raghav, Deputy Manager – Standards & Research; and Mr. Raushan Kumar, Deputy Manager – Standards & Research.

The workshop commenced with opening remarks from the GIZ and WMU teams, followed by a presentation outlining the objectives and framework for developing TVET bridge courses. Participants subsequently engaged in focused discussions through four thematic working groups addressing key areas of bilateral cooperation:

- **International Mobility:** Developing pathways to facilitate cross-border mobility for skilled professionals.
- **Curriculum Development:** Designing bridge courses to align vocational education frameworks in India and Germany.
- **Green Skills Integration:** Embedding sustainability and green competencies into vocational education and training Programmes.
- **Accreditation and Certification:** Exploring mechanisms for mutual recognition of qualifications and certification frameworks.

Each working group presented its recommendations, laying the foundation for a collaborative roadmap to strengthen vocational education partnerships between the two countries.

The initiative represents a significant step towards bridging curriculum gaps, integrating Green Skills into technical and vocational education, enhancing international cooperation, and creating greater opportunities for global employability, while supporting the development of a future-ready workforce equipped to meet the evolving demands of sustainable industries.

SCGJ remains committed to advancing high-quality, industry-aligned skill development and fostering international collaborations that strengthen workforce mobility, promote Green Skills, and contribute to India's transition towards a sustainable and globally competitive economy.

Working group discussions at the India–Germany TVET Bridge Courses Kick-off Workshop, New Delhi



SCGJ representatives at the workshop

SCGJ and TÜV Rheinland India Launch Climate Change Awareness and Solar Energy Capacity-Building Initiative

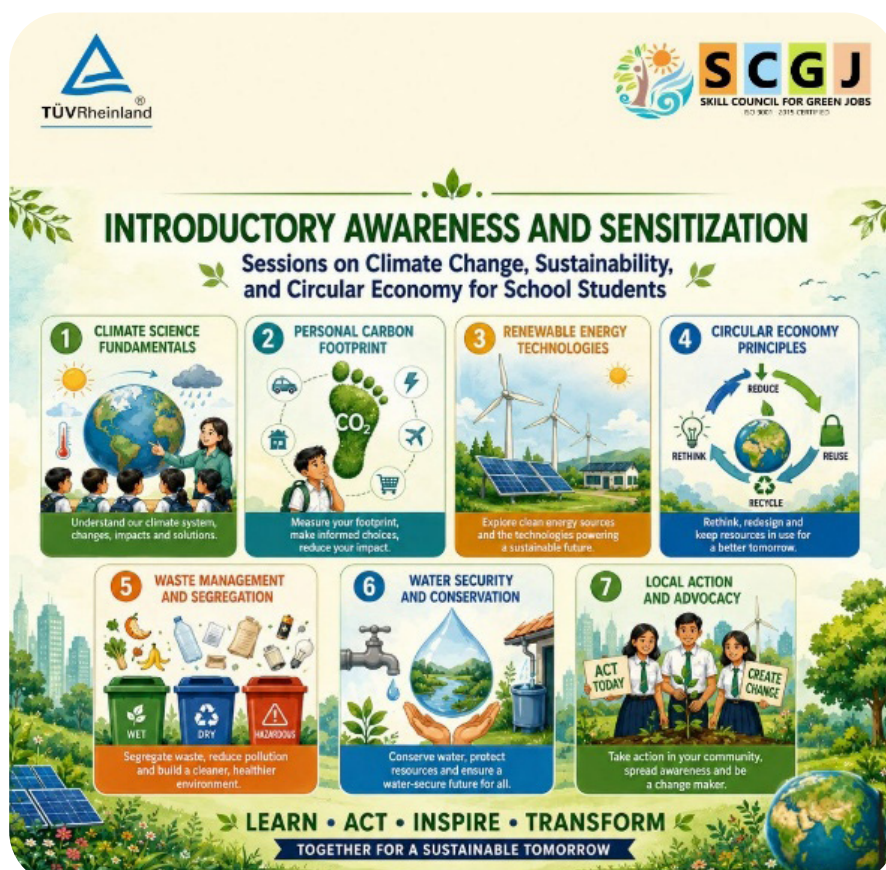
Through the Corporate Social Responsibility (CSR) initiative of TÜV Rheinland India, the Skill Council for Green Jobs (SCGJ) is implementing a comprehensive Programme titled “Awareness Programme for Students on Climate Change and Training of Trainers in Solar Energy.” The initiative aims to strengthen climate literacy, promote environmental responsibility, and build capacity in Renewable Energy education among students and educators.

As part of the Programme, SCGJ will conduct 8-hour Climate Change Awareness Workshops across selected schools, engaging approximately 300 students. The workshops are designed to provide foundational knowledge and practical understanding of climate change, sustainability, Green Skills, and emerging career opportunities in the green economy. The curriculum covers key thematic areas, including Climate Science Fundamentals, Personal Carbon Footprint, Renewable Energy Technologies, Circular Economy Principles, Waste Segregation and Management, Water Security and Conservation, and Local Action and Advocacy.

Delivered through interactive, expert-led sessions, the Programme encourages students to develop environmentally responsible behaviours while equipping them with knowledge of sustainable development and the rapidly expanding green sector. Participants who successfully complete the workshop will receive a Certificate of Participation (CoP) in recognition of their engagement and learning.

In addition to the student awareness Programme, SCGJ will organize a structured 4-hour Training of Trainers (ToT) Programme for 50 trainers and educators, featuring a dedicated module on Renewable Energy, with a particular focus on solar energy. The Programme is designed to enhance the knowledge and instructional capacity of trainers, enabling them to effectively disseminate information on sustainable energy technologies and climate action within educational institutions and communities.

Through this initiative, SCGJ and TÜV Rheinland India seek to create lasting impact by equipping students and educators with future-ready knowledge, practical skills, and greater awareness of sustainability and Renewable Energy, supporting India’s transition towards a greener, climate resilient, and sustainable future.



Programme graphic: Climate Change Awareness and Solar Energy Capacity-Building Initiative

SCGJ and TÜV Rheinland India Launch Climate Change Awareness and Solar Energy Capacity-Building Initiative

Skill Council for Green Jobs (SCGJ), under the Corporate Social Responsibility (CSR) initiative of TÜV Rheinland India, successfully conducted a series of two-day "Awareness Programme for Students on Climate Change" at Government Model Sanskriti Senior Secondary School (GMSSSS), Ismailabad, and Navyug Senior Secondary School, Kurukshetra, Haryana, on 13–14 May 2026.

The Programmes were organised to enhance students' understanding of climate change, environmental conservation, sustainability, Renewable Energy, Circular Economy, and emerging green career opportunities through interactive, expert-led sessions, practical demonstrations, discussions, and engaging learning activities.

During Day 1, students were introduced to Climate Science Fundamentals, Renewable Energy Technologies, and Circular Economy Principles. Day 2 focused on Personal Carbon Footprint, Waste Management and Segregation, Water Security and Conservation, Biodiversity Conservation, Local Action and Advocacy, encouraging participants to translate classroom learning into practical environmental action and adopt environmentally responsible behaviours.

The workshops witnessed enthusiastic participation from students and faculty members, reflecting a growing commitment to environmental responsibility and the principles of Mission LiFE (Lifestyle for Environment). Through interactive sessions and real-world examples, participants gained valuable knowledge on sustainable development, environmental stewardship, climate responsibility, Green Skills, and the expanding career opportunities within the green economy and Renewable Energy sector.

At Government Model Sanskriti Senior Secondary School (GMSSSS), Ismailabad, the Programme was graced by the presence of Mr. Bhim Sain, Principal, and Ms. Rajwinder Sangwan, Faculty Member, whose encouragement and active support contributed significantly to the successful implementation of the initiative.

The Programme conducted at Navyug Senior Secondary School was attended by Sh. B. D. Gaba, Director; Dr. Devender Kumar, Principal; Vikas Gaba, Administrator; Preeti Mishra, Headmistress; and Ritu Chaudhary, Coordinator, whose guidance and active participation played an important role in the successful conduct of the workshops.

The initiative also received coverage in the print media, highlighting the growing importance of climate change education and environmental awareness among school students. The media coverage reinforced the need to engage young people as active contributors to environmental stewardship and inspire the next generation to build a greener and more sustainable future.

SCGJ and TÜV Rheinland India reaffirmed their commitment to promoting climate literacy, environmental awareness, sustainability, and future-ready Green Skills among young learners. Through such initiatives, the organisations continue to equip students with the knowledge and values required to become informed, responsible citizens capable of contributing towards a greener, climate-resilient, and sustainable India.

Navyug Sr. Secondary School, Kurukshetra



Shahid Balbir Singh Government Model Sanskriti Sr. Secondary School, Ismailabad



Students engage in interactive sessions at Navyug Senior Secondary School, Kurukshetra

इस्माईलाबाद शहीद बलबीर सिंह विद्यालय में विद्यार्थियों को पर्यावरण संरक्षण के प्रति किया प्रेरित



इस्माईलाबाद (सुनील कोमल) स्किल काउंसिल फॉर ग्रीन जॉब्स द्वारा टीयूवी राइनलैंड इंडिया की कॉर्पोरेट सामाजिक उत्तरदायित्व (सीएसआर) पहल के अंतर्गत 13 व 14 मई 2026 को इस्माईलाबाद में आयोजित दो दिवसीय विद्यार्थियों के लिए जलवायु परिवर्तन जागरूकता कार्यक्रम का सफलतापूर्वक समापन हुआ ।

इस पहल के तहत शहीद बलबीर सिंह राजकीय आदर्श संस्कृति वरिष्ठ माध्यमिक विद्यालय, इस्माईलाबाद में जागरूकता कार्यशालाओं का आयोजन किया गया । कार्यक्रम में विद्यार्थियों ने सतत विकास, जलवायु संरक्षण तथा हरित रोजगार अवसरों से संबंधित विशेषज्ञों द्वारा संचालित संवादात्मक सत्रों में उत्साहपूर्वक भाग लिया ।

कार्यक्रम के पहले दिन रिसोर्स पर्सन रोहित ने विद्यार्थियों को जलवायु विज्ञान की मूलभूत जानकारी, नवीकरणीय ऊर्जा तकनीकों तथा परिपत्र अर्थव्यवस्था के सिद्धांतों के बारे में विस्तार से जानकारी दी । वहीं दूसरे दिन के सत्रों में व्यक्तिगत कार्बन उत्सर्जन, कचरा प्रबंधन एवं पृथक्करण, जल संरक्षण एवं सुरक्षा तथा स्थानीय स्तर पर जन-जागरूकता जैसे महत्वपूर्ण विषयों पर चर्चा की गई । कार्यक्रम के दौरान विद्यार्थियों एवं शिक्षकों की उत्साहपूर्ण सहभागिता देखने को मिली, जो मिशन लाइफ तथा सतत विकास के प्रति बढ़ती पर्यावरणीय जागरूकता को दर्शाती है । व्यावहारिक चर्चाओं एवं रोचक शिक्षण गतिविधियों के माध्यम से विद्यार्थियों को हरित कौशल आधारित उभरते रोजगार अवसरों तथा सतत भविष्य निर्माण के महत्व की उपयोगी जानकारी प्राप्त हुई । इस अवसर पर विद्यालय के प्रधानाचार्य भीम सेन तथा संकाय सदस्य राजविंदर कौर सांगवान ने इस पहल की सराहना करते हुए कहा कि ऐसे कार्यक्रम विद्यार्थियों में पर्यावरण संरक्षण के प्रति जिम्मेदारी एवं जागरूकता विकसित करने में महत्वपूर्ण भूमिका निभाते हैं । स्किल काउंसिल फॉर ग्रीन जॉब्स तथा टीयूवी राइनलैंड इंडिया ने युवाओं को भविष्य के लिए तैयार ज्ञान एवं कौशल से सशक्त बनाने तथा जलवायु साक्षरता को बढ़ावा देने के लिए अपनी प्रतिबद्धता दोहराई, ताकि हरित, जलवायु-सुरक्षित एवं सतत भारत के निर्माण में योगदान दिया जा सके ।

Media coverage of the climate change awareness Programme

SCGJ Participates in ILO Stakeholder Consultation on Safe and Sustainable E-Waste Recycling

The Skill Council for Green Jobs (SCGJ) participated in a high level stakeholder consultation on “Safe, Resilient, and efficient E-Waste Recycling”, convened by the International Labour Organization (ILO) in New Delhi. The consultation brought together representatives from the Government of India, including the Ministry of Electronics and Information Technology (MeitY), the Ministry of Housing and Urban Affairs (MoHUA), industry leaders, and other key stakeholders to discuss strategies for strengthening India’s E-Waste management ecosystem.

The session commenced with opening remarks by Ms. Michiko Miyamoto, who emphasized the need to accelerate the transition towards a Circular Economy while addressing critical issues such as child labour, occupational safety and health (OSH), education, and the formalisation of the E-Waste sector. This was followed by a technical presentation by Mr. Yogendra Samant from ILO, highlighting pathways to improve safety, efficiency, and sustainability across the E-Waste value chain.

Representatives from MeitY outlined the Government’s ongoing initiatives to strengthen the semiconductor ecosystem, expand the digital economy, promote critical material recovery, integrate the informal sector into formal value chains, and advance the Right to Repair initiative. MoHUA highlighted the pivotal role of cities, the Swachh Bharat Mission, and Urban Local Bodies (ULBs) in improving waste management systems, while underscoring the importance of Extended Producer Responsibility (EPR) and enhanced coordination among stakeholders.

During the consultation, Mr. Arpit Sharma, Chief Executive Officer, SCGJ, shared insights into India’s evolving E-Waste landscape and highlighted SCGJ’s contributions to workforce development in the waste management sector. He noted that SCGJ has trained more than 500,000 candidates in waste management, developed industry-relevant occupational standards, and strengthened occupational safety and health through initiatives such as the E-Waste Entrepreneur job role and Recognition of Prior Learning (RPL) Programmes.

Industry representatives also discussed key operational challenges, including standardisation, collection and logistics costs, buy back mechanisms, and the need for structured occupational safety training to support a safe and efficient recycling ecosystem.

The consultation concluded with a shared commitment to building a safe, inclusive, and efficient E-Waste management system in India through stronger collaboration among government, industry, and skill development institutions, reinforcing the importance of effective policy implementation, workforce skilling, occupational safety, and Circular Economy practices in supporting India’s sustainable development goals.



**International
Labour
Organization**

Campaign - International Yoga Day 2026:

International Day of Yoga (21st June 2026) was observed with the global theme “Yoga for Healthy Ageing,” emphasizing the role of yoga in promoting physical, mental, and emotional well being across all stages of life. To commemorate the occasion, the Skill Council for Green Jobs (SCGJ) developed and shared an Informative digital campaign highlighting the significance and benefits of yoga. The initiative aimed to:

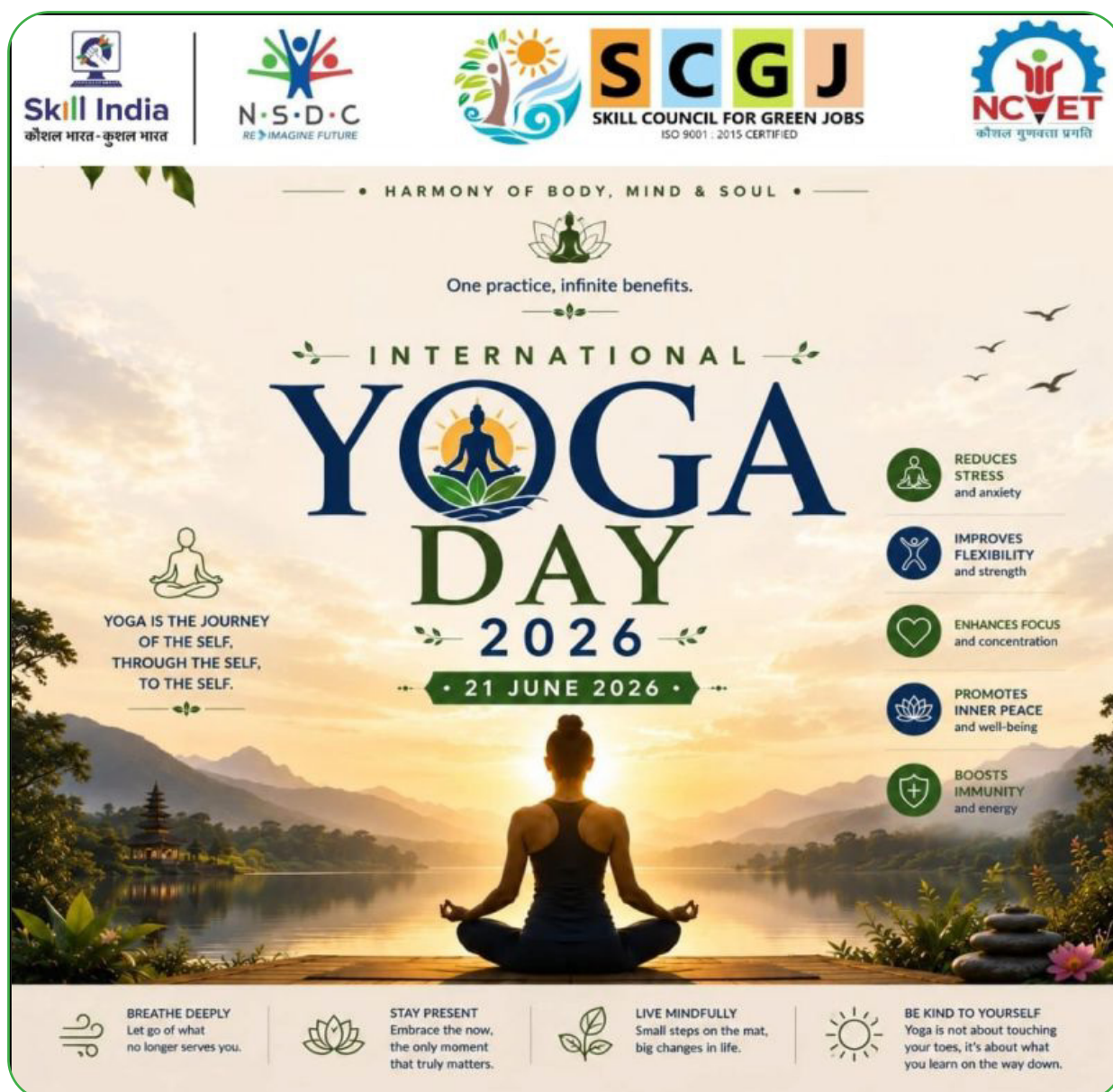
- Promote the practice of yoga as a means to achieve holistic health and well-being.

- Raise awareness about the theme “Yoga for Healthy Ageing” among stakeholders and the general public.

- Encourage the adoption of yoga as a part of a healthy and balanced lifestyle.

- Reinforce SCGJ’s commitment to fostering a healthy, productive, and sustainable society through meaningful public engagement.

The initiative was disseminated through SCGJ’s official digital platforms to maximize outreach and encourage wider participation in the observance of International Day of Yoga 2026.



Campaign - World Environment Day 2026:

On the occasion of World Environment Day, Skill Council for Green Jobs (SCGJ) conducted an informative digital awareness campaign to promote environmental responsibility, sustainable lifestyles, and climate-conscious actions among citizens, students, and stakeholders. The campaign was aligned with SCGJ's commitment to advancing sustainability awareness and encouraging individual contributions towards a greener future.

The campaign was organised under the theme "How Green Are You?", emphasizing that small everyday actions can collectively create a significant positive impact on the environment. Through informative outreach materials and social media engagement, SCGJ encouraged individuals to assess and adopt sustainable practices in their daily lives.

To further strengthen public awareness and outreach, SCGJ developed and disseminated a series of thematic awareness posters and an awareness video covering each of the above themes. These communication materials were shared through various digital and social media platforms to encourage greater participation in environmental conservation and sustainable practices. In addition, the campaign encouraged participants to reflect on their personal environmental impact through the message "How much CO₂ do you reduce in one year?", fostering awareness about carbon footprint reduction and climate action.



Leadership in Action: Chairman Visits SCGJ Office

The SCGJ Chairman visited the Skill Council office and engaged with the team to review the progress of ongoing skilling programmes, initiatives, and organisational activities. The visit provided an opportunity for the Chairman to interact directly with the teams, understand their experiences, and gain insights into the progress and impact of various initiatives being undertaken by the Skill Council.

During the interaction, the Chairman discussed the progress of ongoing programmes, key achievements, implementation efforts, and the contributions of the respective teams. The discussions provided an opportunity to recognise the work accomplished so far, exchange perspectives, and identify opportunities for further strengthening SCGJ's green skilling initiatives.

The visit served as a valuable platform for leadership engagement, knowledge sharing, and strategic discussion, reinforcing the importance of teamwork and continuous improvement in achieving SCGJ's objectives. It further reflected SCGJ's continued commitment to strong leadership, employee engagement, organisational excellence, and the advancement of sustainable and future-ready green skilling initiatives.



SCGJ Chairman during his visit to the office

SCGJ Contributes to High-Level Round table Discussions on PM-KUSUM and Agrivoltaics

The Skill Council for Green Jobs (SCGJ) was pleased to contribute to the insightful deliberations held during the roundtable Discussions organised by the National Solar Energy Federation of India (NSEFI) and the India Agrivoltaics Alliance (IAA), in collaboration with Energiva Ventures and the International Solar Alliance (ISA). The discussions brought together policymakers, industry leaders, domain experts, and key stakeholders to explore pathways for advancing solarisation in agriculture and strengthening India's clean energy transition.

Representing SCGJ, Mr. Mukul Saxena, Head – Standards & Research, actively participated in two high-level roundtable discussions focusing on PM-KUSUM, On-Grid Solar Pumps and Feeder Solarisation, and Agrivoltaics and the Future of Agricultural Solarisation in India and Globally.

The deliberations provided a valuable platform for exchanging practical experiences, ground-level insights, and diverse perspectives on the implementation of PM-KUSUM and the evolving policy landscape for agrivoltaics. Discussions highlighted key opportunities, implementation challenges, and the importance of developing an enabling ecosystem that effectively integrates Renewable Energy generation with agricultural productivity and rural development.

The exchange of views among policymakers, industry representatives, and subject-matter experts significantly contributed to shaping the recommendations emerging from the roundtables. The discussions also underscored the critical importance of coordinated action, evidence-based policymaking, technology adoption, capacity building, and workforce development in accelerating sustainable agricultural solarisation.

Through its continued engagement in such strategic platforms, SCGJ reaffirms its commitment to supporting India's clean energy transition through occupational standards, research, capacity building, and skill development. The Council remains dedicated to developing a future-ready green workforce and fostering knowledge-driven partnerships that contribute to a resilient, inclusive, and sustainable energy ecosystem.



Group Photo session NSEFI Conference

Upcoming Event - Green Career Fest 2026:

The Energy and Resources Institute (TERI), in collaboration with the Skill Council for Green Jobs (SCGJ), is organizing Green Career Fest 2026 on 11th September 2026, at India Habitat Centre, New Delhi, to promote career opportunities in the green economy and connect young talent with industry, academia, and policymakers.

**THE ENERGY AND
RESOURCES INSTITUTE**
Creating Innovative Solutions for a Sustainable Future

**SCGJ**
SKILL COUNCIL FOR GREEN JOBS
ISO 9001 : 2015 CERTIFIED

GREEN CAREER FEST

"Empowering Youth for a Sustainable Future"

**Event Date:**
September 11, 2026

Venue:
India Habitat Centre, New Delhi

**KEY THEMES:**

- Renewable Energy & Clean Technologies
- Nature-based Solutions & Biodiversity
- Sustainable Agriculture & Food Systems
- Circular Economy & Waste Management
- Green Infrastructure & Urban Sustainability
- Climate Policy, Finance & ESG
- Environmental Education & Communication

**WHAT YOU'LL GAIN?**

- ✓ Career Guidance & Mentorship
- ✓ Exposure to Green Career Pathways
- ✓ Interactions with Industry Experts
- ✓ Networking Opportunities
- ✓ Access to Green Skills and Training Opportunities
- ✓ Insights into Emerging Sustainability Sectors

**WHO SHOULD ATTEND?**

- Students and Young Professionals
- Colleges and Universities
- Skill Development and Training Institutions
- Industry Representatives
- Start-ups and Green Enterprises
- Career Counsellors and Educators

**WHY SPONSOR?**

- ✓ Position your organization as a leader in sustainability and green skills
- ✓ Connect with future talent aligned with sustainability goals
- ✓ Gain visibility among academia, industry, policymakers, and youth
- ✓ Demonstrate commitment to skill development and environmental sustainability

**CONNECT**

**LEARN**

**NETWORK**

**GROW**

Join a community of students, educators, industry leaders, start-ups, and sustainability professionals working towards a greener and more resilient future.

Express your interest here -

CONTACT

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Darbari Seth Block, Core 6C,
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New Delhi - 110003

+91 9650033665; +91 9997586607
neetika.chhabra@teri.res.in; rohit@sscgj.in

Navachar Mantra

Navachar Mantra is a flagship initiative of the Ministry of Skill Development and Entrepreneurship (MSDE), Government of India, designed to identify, nurture, and empower grassroots innovators and early-stage entrepreneurs across the country. The programme aims to transform innovative ideas into sustainable enterprises by providing a structured pathway that includes expert mentorship, capacity building, ecosystem linkages, and national visibility. With a special focus on innovators from Tier-2 and Tier-3 cities, rural areas, and aspirational districts, Navachar Mantra seeks to strengthen India's innovation ecosystem and promote inclusive entrepreneurship.

The programme follows a seven-stage journey, beginning with a nationwide call for applications through the Skill India Digital Hub (SIDH) and progressing through screening, advanced evaluation, mentorship, founder engagement, innovation showcases, and a national culmination event. Selected participants receive guidance from industry experts, business planning support, investor readiness assistance, market access opportunities, and connections with incubators, policymakers, and funding agencies. Covering diverse sectors such as clean energy, agriculture, healthcare, education, AI, manufacturing, cybersecurity, and the circular economy, Navachar Mantra provides a comprehensive platform for innovators to scale their solutions, generate employment, and contribute to the vision of Viksit Bharat by fostering innovation-led economic and social development.





हर नई सोच में है एक नया भारत

और हर आईडिया को चाहिए एक मंच

नवाचार मंत्र के माध्यम से, हम यह सुनिश्चित करना चाहते हैं कि बदलाव लाने की क्षमता रखने वाले प्रत्येक विचार को मेंटरशिप और पहचान के द्वारा सशक्त बनाया जाए। यदि आप एक इनोवेटर हैं, तो नवाचार मंत्र आपके आईडिया को नई ऊँचाइयों तक ले जाने के लिए एक सही मंच है।



अपने आईडिया को सरकार, उद्योग और निवेशकों तक पहुंचाएं



विशेषज्ञों से सीखें और मार्गदर्शन पाएं



फायनल प्रोजेक्ट, लेब्स और फंडिंग के अवसर प्राप्त करें



नोडिया सपोर्ट और फौंडकास्ट के जरिए अपनी पहचान बनाएं



आज ही पंजीकरण करें
और अपने नवाचार को दुनिया के सामने लाएं।

नवाचार मंत्र

From Idea to Enterprise

SECTION 04

Insights

Know more about skilling



Read the Complete Article

*Discover the complete framework, practical examples,
and detailed insights into building expertise.*

Scan the QR Code to access the full article "Building
SKILLS" By Mukul Saxena



Beyond the Pitch

The Surprising Strategy Behind the World's Greenest World Cup

The FIFA World Cup 2026 is a behemoth of unprecedented proportions. Expanding to 48 teams and spanning 16 host cities across three nations, the tournament represents a massive physical footprint at a time when the window for global climate action is narrowing. This creates a high-stakes tension: can the world's largest sporting event expand its reach while simultaneously contracting its carbon impact?

This is the central question facing the organizers of the FIFA World Cup 26 Sustainability & Human Rights Strategy. Far from a mere corporate social responsibility initiative, the tournament is being positioned as a live laboratory for how mega-events can coexist with a planet facing a climate crisis, biodiversity loss, and resource scarcity.

The Best New Stadium Is the One You Don't Build

In the traditional playbook of sports hosting, prestige was measured by the height of new cranes and the shine of brand-new architectural monuments. The 2026 strategy flips this paradigm on its head by prioritizing existing stadiums over new construction.

The primary driver here is the mitigation of “embodied carbon” the massive environmental toll generated by material consumption, heavy construction, and land disturbance. By choosing adaptation over edifice building, organizers are avoiding the carbon intensive lifecycle of concrete and steel, as well as the long-term legacy risks of “white elephant” venues that sit empty once the fans depart. Prestige is no longer about the newest building; it is about operational excellence and the resource-efficient stewardship of what we already have.

The Logistics Paradox Scale vs. Sustainability

The geographical sprawl of 16 cities across Canada, Mexico, and the United States presents a daunting logistics paradox. Transportation is the central challenge, with greenhouse gas emissions from international aviation and intercity travel representing a significant portion of the tournament's footprint.

However, the strategy acknowledges that the impact extends far beyond the tarmac. A truly sustainable event must address the “wider indirect emissions” of the entire value chain, including spectator accommodation, food production, and purchased electricity. To manage this, organizers are moving beyond ambition toward “credible carbon accounting” a data driven approach that identifies major emission sources to prioritize energy efficiency and cleaner electricity sources.

“Sustainability must ultimately be evaluated through measurable environmental performance rather than ambition alone.”

Moving Beyond the Recycling Bin to a Circular Economy

While most events focus on the visibility of recycling bins, the 2026 strategy targets “waste prevention at source.” This marks a shift from the traditional linear model take, make, dispose toward a Circular Economy that keeps materials in use for as long as possible.

The engine of this change is “Sustainable Procurement.” By influencing thousands of purchasing decisions across categories like hospitality materials, beverage containers, uniforms, and signage, the tournament can dictate the environmental standards of its entire supply chain. The specific goal is to avoid “problematic single-use materials” entirely, ensuring that everything from food packaging to temporary infrastructure is designed with a second, third, or fourth life in mind.

Context Is King — The Hyper-Local Nature of Water and Air

Sustainability in Vancouver looks very different from sustainability in Mexico City. The 2026 strategy recognizes that environmental stewardship must be hyper-local. In regions facing water scarcity, the focus shifts to aggressive leak detection, smart metering, and the use of alternative water sources for pitch maintenance. In dense urban centers, the priority is air quality, addressed through electric mobility and expanded public transit to mitigate road congestion.

Crucially, the strategy adds a layer of biodiversity protection. Even when using existing infrastructure, the influx of millions of people and the setup of temporary facilities can threaten local ecosystems. This requires specialized planning for habitat protection and pollution prevention to ensure that human activity does not disturb sensitive ecological areas. These improvements are designed as a “dual-purpose” investment: they serve the tournament for a month, but enhance the liveability of host cities for decades.

The Real Legacy Is Human, Not Hardware

The most counter-intuitive takeaway is that the tournament’s most enduring environmental impact won’t be a solar panel or a transit line it will be a surge in “Green Skills.” The World Cup is acting as a continental scale training ground for the specialized professionals required for a low-carbon future.

To meet its ambitious goals, the tournament is upskilling a vast workforce: HVAC professionals and facility managers trained in building-energy management; mobility planners and EV charging technicians; plumbers and water auditors; and carbon accountants and ecological experts. While the matches last only a few weeks, these individuals remain in the local economy, carrying their expertise into other industries long after the final whistle.

“Technology can enable sustainability, policies can establish direction and strategies can define ambitions but skilled people are required to turn these commitments into measurable action.”

Conclusion — The Final Whistle and the Long Game

The FIFA World Cup 2026 serves as a critical case study for the evolution of global sports. It demonstrates that for a mega-event to be truly sustainable, it requires more than just a list of initiatives; it requires the “glue” of robust governance and accountability mechanisms to ensure commitments turn into measurable outcomes.

Ultimately, the true measure of success will not be the trophy raised in the final, but the operational practices and professional capabilities left behind in our cities. If the world’s largest sporting event can successfully pivot its entire infrastructure toward a circular, low-carbon future, what’s stopping our cities and industries from doing the same?



GLOBAL ENERGY & SECURITY

The 2026 Pivot

Why Regional Conflict is Quietly Accelerating the Green Revolution

Ships in the Strait of Hormuz, off Bandar Abbas, Iran, AMIRHOSEIN KHORGOOI/ISNA/WANA VIA REUTERS

The military confrontation between Israel, the United States, and Iran in 2026 stands as the definitive inflection point in the global energy transition. While decades of climate policy struggled to decouple the global economy from fossil fuels, the raw systemic fragility exposed during this crisis has achieved what diplomacy could not. For the global consumer, the conflict manifested as the relatable anxiety of spiking fuel prices and rampant inflation; for the strategist, it revealed that the era of “petro-diplomacy” is fundamentally incompatible with 21st-century stability. In a profound irony, a major military conflict has done more to catalyze the shift toward renewables than any environmental accord, forcing a transition from the volatile extraction of hydrocarbon rents to the secure generation of electrons and molecules.

SECURITY IS THE NEW “GREEN”

The 2026 crisis has fundamentally reframed the energy transition. Renewable Energy has graduated from an “environmental necessity” to a “national security imperative.” The conflict illustrated a brutal reality: as long as a nation’s economy is tethered to international fossil fuel supply chains, its sovereignty is effectively held hostage by distant geopolitical tremors. While oil and gas require navigating high-risk maritime corridors, Renewable Energy offers the promise of “strategic autonomy.” By shifting to domestic power generation, nations are insulating their industrial bases from the whims of regional adversaries. This is not merely about carbon footprints; it is about the “hardening” of national infrastructure against external shocks.

“Renewable Energy resources including solar, wind, and green hydrogen can be produced domestically, reducing exposure to geopolitical conflicts, maritime chokepoints, and international fuel price volatility.”

THE FRAGILITY OF THE “THREE CHOKEPOINTS”

The events of 2026 exposed the precarious nature of the world’s energy arteries. While the 2024–2025 Houthi “Red Sea blockade” served as a high-tension prelude, the 2026 escalation brought the system to the brink of collapse. The conflict did not result in the total closure of the Strait of Hormuz, but it was severely disrupted by heightened military activity, necessitating naval escorts for commercial vessels and effectively bottlenecking the flow of crude. This bottleneck, combined with threats to the Bab el-Mandeb and the Suez Canal, placed a stranglehold on the three corridors that collectively carry one-third of all seaborne oil trade. The systemic shock was quantifiable:

- 🚢 **Shipping Paralysis:** Daily tanker transits through the Bab el-Mandeb which alone channels 9% of seaborne oil plummeted by two-thirds, dropping from 39 to just 13 ships per day.
- 🚢 **Insurance Spikes:** War-risk insurance premiums for hull value quadrupled, rising from 0.3% to over 0.7%, making traditional transit economically ruinous.

Rerouting around the Cape of Good Hope proved to be an unsustainable “band-aid,” adding weeks to transit times and fueling global inflationary pressures. The lesson was clear: the maritime architecture of the petroleum age is too fragile for a volatile century.

BEYOND THE BARREL:

How Conflict is **Accelerating** West Asia's **Green Transition**



THE VULNERABILITY OF HYDROCARBON DEPENDENCY

20%

of Global Oil at Risk

One-fifth of globally traded crude passes through the Strait of Hormuz, a primary conflict chokepoint.

90%

Oil exports provide 90% of Iraq's government income.

Extreme Fiscal Fragility

over 60% of Saudi Arabia's government income.

Iraq

Saudi Arabia



Saudi Arabia: ~63%
Oil % of Gov Revenue | \$1.5 Trillion Sovereign Wealth Fund (Ext.)

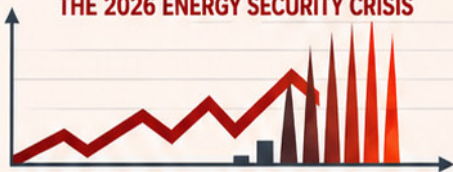


Iraq: ~90%
Oil % of Gov Revenue | \$70 Billion Sovereign Wealth Fund (Est.)



UAE: ~40%
Oil % of Gov Revenue | \$800 Billion Sovereign Wealth Fund (Est.)

THE 2026 ENERGY SECURITY CRISIS



Military escalations caused shipping insurance premiums to spike from 0.3% to over 0.7%.



RENEWABLES AS A SECURITY STRATEGY



STRATEGIC AUTONOMY VIA DOMESTIC POWER

Shifting to solar and wind reduces exposure to maritime chokepoints and international price shocks.



50% RENEWABLE ENERGY BY 2030

Saudi Arabia is targeting 130 GW of solar and wind to hedge against hydrocarbon risks.

LEAPFROGGING IN CONFLICT ZONES

Decentralized solar kits are being used to restore power in fractured grids like Yemen.



From Risk to Resilience:

West Asia's green transition is not just about climate — it's about security, sovereignty, and a sustainable future.



THE TRILLION-DOLLAR HEDGE

Paradoxically, the world's leading hydrocarbon producers are among the most aggressive architects of the renewable shift. Leveraging massive sovereign wealth funds, these states are executing a “trillion-dollar hedge” to ensure their economic survival in a post-oil world, transitioning their status from traditional oil powers to diversified “energy exporters” of both electrons and green molecules. The scale of this shift is unprecedented:

- 🦁 Saudi Arabia: The Public Investment Fund (PIF), now valued at \$1.5 trillion, is the engine behind a goal to generate 50% of the Kingdom's power from renewables by 2030.
- 🦁 UAE: Utilizing Abu Dhabi's \$800 billion ADIA fund, the Emirates are targeting a 44% clean energy mix as part of their net-zero-by-2050 mandate.

Significant deployments already illustrate this momentum:

- 🦁 NEOM's Wind Park (Saudi Arabia): A massive 1.5 GW installation designed to power the Kingdom's futuristic industrial hubs.
- 🦁 Barakah Nuclear Plant (UAE): A 5.6 GW facility providing critical “clean” baseline power.
- 🦁 Al-Kharsaah Solar PV (Qatar): An 800 MW plant marking a decisive move into large-scale solar harvesting.

DECENTRALIZED POWER AS POST-WAR RECONSTRUCTION

In the fractured landscapes of Syria and Yemen, a “leapfrogging” effect is occurring that mirrors the mobile phone revolution in developing nations. Just as those nations skipped landlines for cellular networks, conflict zones are now skipping centralized, vulnerable power grids for decentralized microgrids. Traditional oil-based infrastructure is an easy target for sabotage and expensive to repair. In response, local populations and NGOs are deploying solar kits and microgrids to sustain essential services. This decentralized model is inherently resilient; the destruction of a single array does not result in a regional blackout. This “Yemen Model” is fast becoming the global blueprint for disaster recovery, proving that distributed Renewable Energy is the most robust form of power in a chaotic world.

THE “INDIA LESSON” FOR IMPORTERS

Energy-importing nations provide the most urgent case for the 2026 pivot. India, which imports 85% of its crude oil, faced an existential threat during the 2026 Israel-U.S.-Iran confrontation. With its national balance of payments and industrial production directly tied to the stability of the Strait of Hormuz, the crisis was not just a market fluctuation; it was a threat to national survival. To mitigate this, India has aggressively accelerated its “strategic autonomy” Programmes

- 🦁 National Green Hydrogen Mission: Moving toward domestic production of green molecules to replace imported industrial fuels.
- 🦁 Domestic Tech Manufacturing: Investing heavily in the internal production of solar cells and wind turbines to bypass foreign supply chain vulnerabilities.
- 🦁 Grid Resilience: Rapidly scaling battery energy storage systems (BESS) to stabilize a renewable-heavy grid.

For India, “energy independence” has evolved from a political slogan into a mandatory survival strategy to protect against the inherent volatility of West Asian geopolitics.

CONCLUSION: THE LEGACY OF VOLATILITY

The 2026 West Asian crisis will be remembered as the moment the world finally acknowledged that the security of fossil fuels is an illusion. The pivot toward a resilient, renewable-heavy energy future is now driven by the cold pragmatism of national security and the preservation of economic order. However, as we embrace this new era, a futurist must ask: are we truly achieving autonomy, or are we simply trading one type of supply-chain risk for another? As the world shifts from liquid fuels to mineral-intensive technologies, we may find ourselves navigating a new set of dependencies on the nations controlling the “Lithium Triangle” or the cobalt mines of the DR Congo. Nevertheless, the 2026 pivot has established a new global consensus: in a world defined by volatility, the only true security is the power you can generate for yourself. The era of petro-diplomacy is fading; the era of strategic energy autonomy has begun.

Skill Development Training for Local Communities with a Focus on Women's Participation to Enable a Just Transition.

P B Singh -Project Manager Skill Council for Green Jobs



The Skill India initiative has made significant strides in enhancing the employability of the Indian workforce. With a global emphasis on sustainability, the demand for Green Skills is growing. These are skills that contribute to environmental sustainability and the green economy. Sectors such as Renewable Energy, sustainable agriculture, and green construction are creating new job opportunities that require specialized training. The focus on Green Skills supports global efforts to combat climate change and promotes workforce equipped to drive a sustainable future.

One of the key advantages of industry partnerships is the ability to tailor training Programmes to match the specific requirements of different sectors and industries. By engaging with employers and industry experts, skill development initiatives can identify emerging skill gaps, industry trends, and technological advancements, ensuring that training curricula are aligned with market demand and employer expectations.

Increasing collaboration between educational institutions and industries is another emerging trend in skill development. This partnership aims to bridge the gap between academic learning and practical application. Apprenticeship Programmes and industry sponsored training initiatives are becoming more common, providing candidates with hands-on experience and practical skills directly applicable to their chosen fields.

Govt. Initiatives: The Indian government has recognized the need for skilling villagers and has launched several initiatives. The Pradhan Mantri Kaushal Vikas Yojana (PMKVY) is a flagship Programme aimed at providing skill training to youth, including those in rural communities.

MahaSKY: Led by the Energy Department, Government of Maharashtra, a flagship Green Energy Skill Development Programme called the Maharashtra Saurya Kaushal Yojana (MahaSKY) has been launched by Maharashtra State Electricity Distribution Co. Ltd. (MSDCL) in collaboration with Asian Development Bank (ADB) and Skill Council for Green Jobs (SCGJ). Under the MahaSKY Programme a current installed/ under installation capacity of around 10 GW and a target of 16 GW by 2026, MSKVY 2.0 can potentially create employment of more than 15,000 local persons by the project developers. Such local persons, however, need to be

adequately trained and certified so that the developers can recruit them without any apprehension. Further, skill development of local people on solar rooftop installation and maintenance, energy storage (centralised as well as distributed), and solar based rural enterprises are also potential areas in which skill development of local people can be undertaken. The Indian government has recognized the critical link between gender empowerment and sustainability. Initiatives such as the Skill Council for Green Jobs (SCGJ) have been established to address the skilling needs within the green business sector. SCGJ aims to train women in Renewable Energy, water management, sustainable agriculture, and waste management, recognizing the invaluable role women play in these sectors. This training equips women with the skills needed for emerging green jobs and promotes sustainable practices within communities.

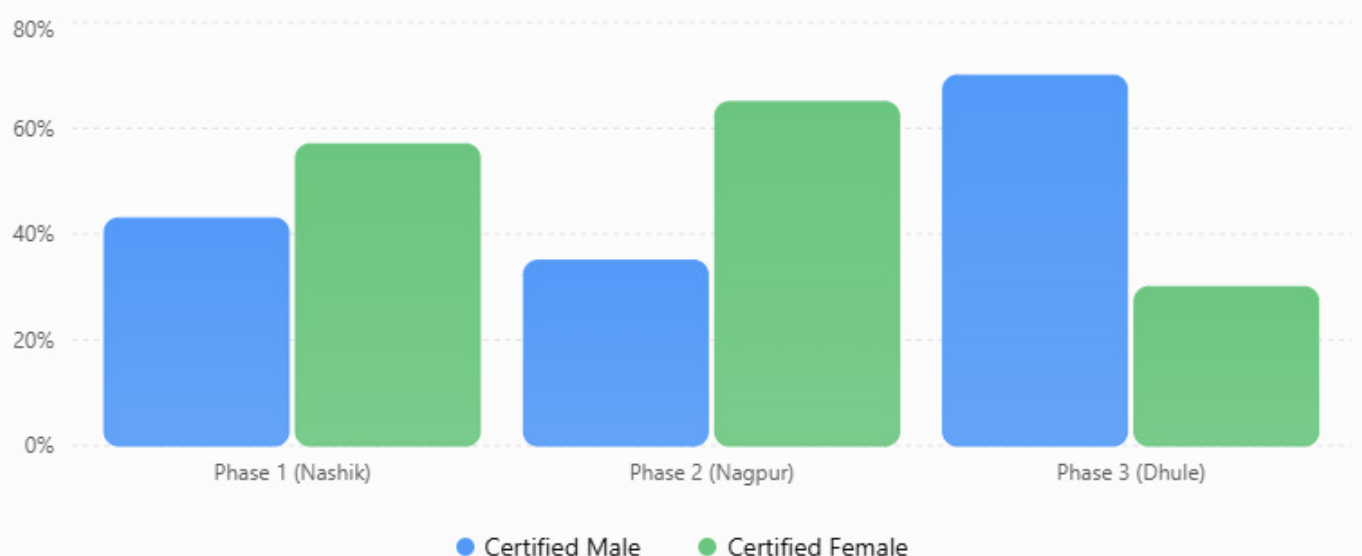
Led by the Energy Department, Government of Maharashtra, a flagship Green Energy Skill Development Programme called the Maharashtra Saurya Kaushal Yojana (MahaSKY) has been launched by Maharashtra State Electricity Distribution Co. Ltd. (MSEDCL) in collaboration with Asian Development Bank (ADB) and Skill Council for Green Jobs (SCGJ). A six-day training Programme has been designed by SCGJ as per the Qualification Pack of Solar PV Installer (Suryamitra) (SGJ/Q0101). This hands-on training in solar PV system design, installation, operation, and maintenance is aligned with the Mukhyamantri Saur Krushi Vahini Yojana (MSKVY) - 2.0 and the Rooftop Solar Programme, and focuses on creating pathways for employment and entrepreneurship in Maharashtra. The Programme envisages training 5,000 individuals from rural areas, with a strong commitment to being inclusive – at least more than 30% of the participants being women. This initiative is a major step toward building a skilled workforce to support Maharashtra's clean energy transition. This is the largest green-skill development Programme carried out by any power distribution utility.

Phase-wise implementation: to finalize the training modules for Suryamitra based Programme, content and approach, a pilot of 100 participants was executed of 57% of women candidates was undertaken at the Nashik training center of MSEDCL. After that we completed Nagpur and Dhule district of Maharashtra. Under the project a table is given below which is showing the candidate details:

Phase	District	Certified Male (%)	Certified Female (%)
Phase 1 (Pilot)	Nashik	43	57
Phase 2	Nagpur	35	65
Phase 3	Dhule	70	30

Certified Candidates by Gender Across Project Phases

Comparison of certified male and female percentages by district and implementation phase.



Focus of training content: the focus of the training content would be O&M of the solar plants (aligning with MSKYV 2.0), installation and maintenance of systems (aligning with the PM Surya Ghar: Muft Bijli Yojana) and concepts and O&M of energy storage systems. The training module(s) should ideally be approved/ in consonance with the National Skills Qualifications Framework (NSQF) of the National Skill Development Corporation (NSDC).

Institutionalizing the initiative: MahaSKY can emerge into a major skill development Programme of GoM catering to the manpower needs of not only MSKYV 2.0 but also other solar initiatives of the Government and private sector. It can also spawn local entrepreneurs using solar energy. For this to happen, the initiative needs to be anchored with a relevant GoM Department like the Department of Skills, Employment, Entrepreneurship and Innovation (Mahaswayam). Industrial training institutes (it is), especially the women it is could be partnered with and their graduates be trained. In due course, SCGJ and ADB will develop a detailed action plan on this.

Certificate Distribution:

SCGJ team proudly distributed the certificates to the participants who completed the training in the first, second and third batches, recognizing their dedication and achievement in stepping into the Renewable Energy workforce. It was observed that all the candidates were very excited to receive the certificates. They expressed their gratitude to MSEDCL officials who provided this opportunity. They thanked the trainers for providing valuable knowledge. They were also thankful to the ADB and SCGJ team for supporting their training. Because without the support of ADB they could not have received this golden opportunity.



Challenges and Areas for Improvement:

Despite these efforts, challenges remain. Societal norms and gender biases often limit women's access to education and training in sustainable sectors. Additionally, more robust data collection and analysis on gender and sustainability are needed to inform policy-making and track progress. Financial and technical support for women entrepreneurs in green industries also requires strengthening, ensuring that they can compete effectively and scale their businesses.

Skill development is the ladder to a successful career and employability. Therefore, investing in your skills should not only be considered for the reason of employability but empowering yourself with new skills and knowledge to know your potential at the best and to be employed in the field of your interest and to excel in the area.

Importance of skill training for Female candidates:

In today's rapidly evolving world, education and skills are fundamental to career success. The focus on skill education and training has never been more critical, particularly for females. These initiatives aim to empower female candidates with essential skills, significantly boosting their employability, confidence, and societal contribution. Skill education plays a vital role in bridging the gender gap in various professional fields. By

providing female candidates with the necessary skills, we empower them to compete equally with their male counterparts and break into traditionally male dominated sectors. Furthermore, skill-based training fosters self-confidence and independence. When female candidates are proficient in practical skills, they are better prepared to face workplace challenges and assert themselves in professional settings.

Way Forward

The Skill Council for Green Jobs (SCGJ) expresses its sincere appreciation to the Asian Development Bank (ADB) and Maharashtra State Electricity Distribution Company (MSEDCL) for their valuable support in successfully implementing this project. The initiative has demonstrated the importance of industry-relevant Green Skills training in creating a skilled workforce, enhancing employability, and supporting the clean energy transition.

Building on the successful outcomes and lessons learned from this project, SCGJ looks forward to continued collaboration with ADB to scale up green skilling initiatives in Maharashtra and other states across India. Expanding such Programmes will help develop a larger pool of qualified professionals for the Renewable Energy sector, promote greater participation of women and local communities, and strengthen livelihood opportunities through sustainable employment.

Continued support from ADB will further contribute to India's Renewable Energy ambitions, facilitate a just and inclusive transition to a low-carbon economy, and reinforce the country's commitment to sustainable and climate-resilient development.



Issue Editor.
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About SCGJ

A national organization under the National Skill Development Corporation, working with the Ministry of Skill Development and Entrepreneurship. It focuses on developing skills for environmentally sustainable sectors.

Key Partners

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