

CGBMT

*UNITED NATIONS GLOBAL COMPACT
COMMUNICATION ON ENGAGEMENT*



**I: STATEMENT OF
CONTINUED SUPPORT BY
FOUNDER & CEO**

**II: DESCRIPTION OF
ACTIONS**

**ACTIVITY REPORT:
MAY 2019 - MAY
2022**

**III: MEASUREMENT OF
OUTCOMES**

CONCLUDING REMARKS

**MAY 2019 -
MAY 2022**



CENTRE FOR GREEN BUILDING MATERIALS & TECHNOLOGY

7, Aditigreenescapes, No.20, Venkateshpura, Srirampura, Sampigehalli Road
Bangalore - 560 064, Karnataka, India. Tel.: +91 80 22792658, 22712426, cgbmtblr@gmail.com
www.cgbmt.net

Ref.:

Date:

COMMUNICATION ON ENGAGEMENT (COE)

Period covered by this Communication on Engagement

From: 01/05/2019

To: 07/06/2022

Part I: Statement of continued support by Chief Executive or Equivalent

07/06/2022

To our stakeholders:

I am pleased to confirm that CGBMT reaffirms its support to the United Nations Global Compact and its Ten Principles in the areas of Human Rights, Labour, Environment and Anti-corruption. This is our Communication on Engagement with the United Nations Global Compact. We welcome feedback on its contents.

In this Communication on Engagement, we describe the actions that our organisation has taken to support the United Nations Global Compact and its principles as suggested for an organisation like ours. We also commit to sharing this information with our stakeholders using our primary channels of communication.

Sincerely yours,

Neelam Manjunath

Founder and Managing Trustee

ABOUT CGBMT

The Centre for Green Building Materials and Technology was established in 2004 as a trust under society's act, under section 12A of the income tax act 1961, for bringing Sustainable building technologies into the mainstream building sector. Operating as a sister organization of Manasaram Architects and supported by Aditi Constructions & Aditi greenscapes, the trust was started as a response to the dearth of awareness, trained personnel and sufficient data in the field of Sustainable buildings material and technologies.

Since its inception, CGBMT has worked towards promotion of Environment friendly solutions for a Sustainable way of living through various fields of research and development. We work as consultants for sustainable solutions in the construction industry, furniture, handicrafts and collaborate with academic institutions for resource and curriculum development. We frequently conduct courses, seminars and workshops on issues relating to sustainability for various levels of participation. PG Diploma, Diploma and Modular courses are offered in Bamboo Application Technology which enable participants to develop into entrepreneurs.

MISSION

Our organization aims to promote and provide green, i.e., environment friendly, low-energy and cost effective solutions for ecological living, through R&D, sourcing, networking and execution - To promote a sustainable way of living in harmony with nature.



OBJECTIVES

- To serve for the advancement of education in Eco-friendly and cost effective Building Materials and Technologies.
- To act as a resource bank of information on Green Building Materials and Technologies by providing technical advice, expert guidance and know-how.
- To promote and source Research and Development activities pertaining to this field.
- To organise Training programmes for various levels of participation and also act as a forum for seminars, exhibitions, workshops, orientation & awareness programmes, demonstrations etc. to help realise the relevance and importance of these materials and technologies in shaping today's world.
- To reach out and spread this knowledge by preparing and publishing informative literature through newspapers, periodicals and other mediums of mass communication.
- To establish and maintain a network of similar societies, agencies, NGOs etc. in India and abroad for knowledge sharing on the subject.
- To help identify and procure raw materials for production of Green Building Materials.
- To help in execution of projects involving Green Building Materials and Technologies.
- To promote green products for day to day use, for a sustainable way of life.

COURSES

We "Centre for Green Building Materials and Technology," - Pioneers in Ecological & Environmental R & D and applications in the field of sustainable development are running distance education courses in 'Bamboo Application Technology' offering Certificate, Modular, Diploma and PG Diploma (online course) programs. (Recognised by Dayalbagh University, Agra).

The overall vision for this course is to use bamboo for an integral environment friendly development and generating Employment opportunities for the masses. ITI Students, Diploma Holders, Engineers, Graduates from any discipline and even Artisans and Carpenters can join the courses at different levels to gain proficiency with this material being hailed as the GREEN GOLD!

- Modular course in Bamboo Application Technology
- Post Graduate Diploma In Bamboo Application Technology (Online)
- Short Courses or Workshop in Bamboo Application Technology
- Disaster Management Course

AWARDS

2022

- Lubrizol 'Women Of Vision' Awards 2022

2020

- ASADI Vastukala Mahati Award
- Rethinking the future Awards, 2020 - Meta slum

2019

- FIBRA Award 2019 - featured in their exhibition and publication for Contemporary Plant Fiber- Based Architecture for the project Cocoon'.
- 5th anniversary of BUILD'S acclaimed architecture awards- Nominated
- INDIAN ACHIEVER'S AWARD: Nominated

ACTIVITY REPORT

PARTICIPATION IN SEMINARS AND PAPER PRESENTATION AND EXHIBITIONS:

- Seminar on Healthy buildings. November 2019
- EXHIBITION 6TH INTERNATIONAL AGRIHORTI & FOOD TECH, UTTAR PRADESH - MARCH 2020
- Panel discussion - "Breaking stereotypes", 2020
- Panel discussion - "Built form as a negotiation between man and nature", 2020
- Panel discussion - "Local livelihood development for sustainability sector", 2020
- BAMBOO CULTURAL FEST, World Bamboo Day, 2021 program on Sunday, 19th September, 2021.
- "Mainstreaming bamboo in the Building sector" , by Ar. Neelam Manjunath. Conducted on 6th November 2021 from 10:30 Am to 12:30 Pm.
- INBAR - Online Webinar - Bamboo: A very sustainable construction Material, November 2021
- "Bamboo Development Mission Document" by NITI Aayog, article submission from CGBMT, May 2022
- "Mainstreaming Bamboo In The Construction Sector", by CGBMT for NIRD, Hyderabad

ACTIVITY REPORT

CONDUCTING WORKSHOPS ON BAMBOO TECHNOLOGY AND APPLICATION OF BAMBOO AS A MATERIAL IN DIFFERENT SECTORS:

- Training the trainer, Sikkim Bamboo Workshop, 2019
- Sustainable Living 02 – Hands-on workshop, November 5 – 9, 2019, Bangalore
- Five 'Master class on Bamboo' September 2020 - January 2021 CGBMT in partnership with Aditya Academy of Architecture and design (AAAD) with Bamboo Society of India and World Bamboo Organisation as partners
- Hands-on Workshop, Bangalore, September 2021
- "Bamboo Development Mission" on 30th December 2021 at Vigyan Bhawan, Sansad Marg, New Delhi
- Designing with panch-tattvas workshop, Bangalore, April 2022



ACTIVITY REPORT

VISITING AND GUEST LECTURES AND WEBINAR SERIES:

- CGBMT - SIMPLE TALKS

"Simple Talks - Sadharan Baten", an eco-educational talk series on environmental issues to achieve the UN-SDG goals. We plan to address this by taking up issues concerning each element of Panchtattva (the five elements) - Earth, Water, Fire, Air and Space through our campaigns for advocacy, talks, courses, projects and so on.

Till date, 27 simple talk events have been successfully hosted:

- 1: Biodiversity and its importance to the existence and well-being of man.
- 2: Looking back to find solutions for the Water Crisis going forward
- 3: Interview with Dr. Shobha Reddy
- 4: Water and the City - A Million Wells for Bengaluru
- 5: The traditional water management systems
- 6: Innovation in Environment Risk Analysis and Sustainability Strategies
- 7: Foods, Birds and bees in your balcony
- 8: Upcycling your lifestyle
- 9: Composting – The Circle of Life
- 10: Healing with Simple Food
- 11: Biodiversity, Agriculture and Communities
- 12: Mud - The natural Building Material
- 13: Traditional Construction Techniques
- 14: Building with Natural Materials
- 15: Bamboo the People's Material
- 16: Achieving Energy Equity
- 17: Renewable Energy Systems- Myths and Realities
- 18: Low Energy Architecture
- 19: Impact of Air Pollution on our Health
- 20: Women Eco-Warriors
- 21: Psychology of Spaces
- 22: Safe Spaces and Places
- 23: Ecosystem Restoration: Panacea for public health
- 24: Food Security and Agriculture
- 25: Organic Waste Management
- 26: Natural Building Materials and Technology - Mud
- 27: Action for Simple Living - Water Element - Rain Water Harvesting



CGBMT - School of Simple Living is conducting Simple Talks - 13 (an eco-educational talk series) **Free Workshop for Earth Part-2 on "Traditional Construction Techniques"**

Institutional Partners:
Department of Architecture,
Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra

Speakers:

 Ar. Varun Thoutam Director, Varun Thoutam Architects, Bangalore	 Ar. Thirupurasundari Sevel Founder, Studio Conclave, Chennai	 Amel Kadic Founder, E-art-H, Amsterdam, Netherlands
--	--	---

Moderator: 
Prof. Ar. D K Anand
Professor, Department of
Architecture, College of Archi-
tecture, Trivandrum, Kerala
Advisory Member, CGBMT

Host: 
Ar. Neelam Manjunath
CEO, CGBMT
Sustainability Consultant,
Dayalbagh Educational Institute
(Deemed University), Agra

22nd August, 2020
11:00 - 12:30pm
Registration:

<https://forms.gle/fLapTqArHmmsSp6>
Support us:
cgbmtsr@gmail.com

Partners:
Varun Thoutam Architects Studio Conclave Manasaram Architects AADI CONSTRUCTIONS

Disclaimer: Proceeds of the webinar will go to CGBMT - School of Simple Living to conduct the Simple Talk Educational Series.

ACTIVITY REPORT



UNDERTAKING CONSULTATION AND PROVIDING SKILLED WORKFORCE FOR LARGE-SCALE PROJECTS:

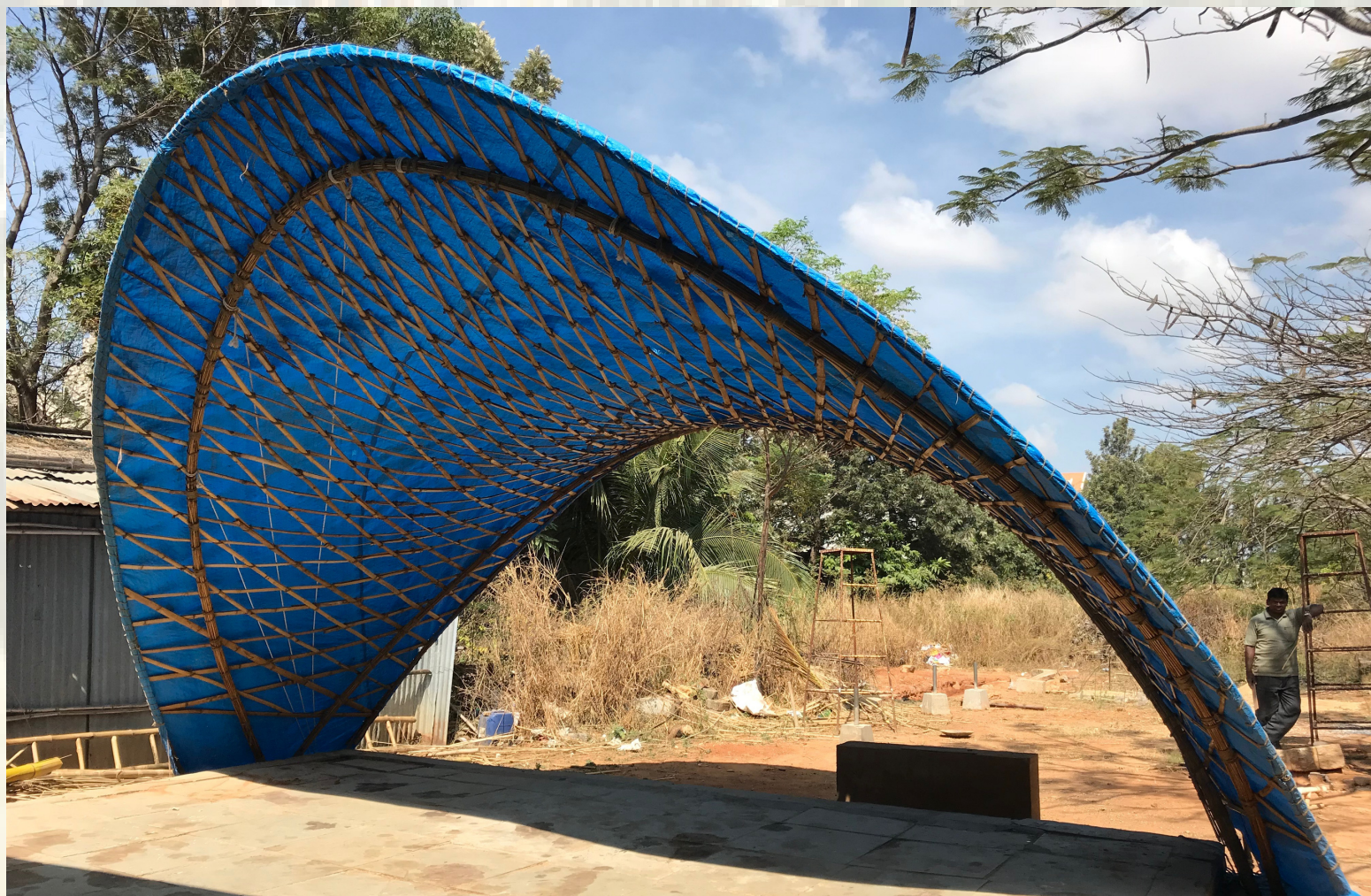
- **Pegasus HRD Centre PVT Ltd., Bangalore**
- **DEI Conference Hall 1 and 2, Dayalbagh, Agra**
- **Construction of CGBMT HQ, Devanahalli, Bangalore**
- **"Environmental Impacts of Mass Gatherings" and "Eco-tourism in Bio-diversity hot-spots"**
 - We plan to implement it in live projects through active involvement of all stakeholders in research, strategizing, resource planning, in responding to these challenges in mitigating the environmental impacts of these gatherings and aiding future growth in a sustainable manner. We are trying to involve diverse religious communities from various parts of the world in this project.
 - The term Ecotourism has been quite misleading in the sense that it has been underplaying the concern with which it advertises itself- Nature conservation along with the stakeholder communities that have been preserving it from time immemorial and are still doing it. It hurts both. We assess the potential risks to the fragile, sensitive ecosystems and biodiversity hotspots, due to the heavy load of tourists and their often irresponsible behaviours that cause irreversible and long term damage to these locations. We are developing a data bank of indigenous knowledge on biodiversity, for education and development of a risk response plan with all stakeholders on board to achieve the SDG goals ensuring least damage to the eco- system, enhancing biodiversity and conservation of nature. These are community based live projects with guidelines to plan and develop ecotourism.

ACTIVITY REPORT

- "Bamboo as a building material" at Bamboo Centre, Auroville on 30th October 2020
- Radio Talk show - "Responsible consumption and production", January 2021
- Madhya Pradesh State Bamboo Mission & Bamboo Entrepreneurship Development Foundation, Baihar, Balaghat. Conducted on 22nd October, 2021.
- "Architecture for simple living", Faculty of Architecture. PES University, October, 2021
- "Determining the Scope and Feasibility of a Value Chain Alliance for Wood in India", Webinar hosted by World Resource Institute, April 2022
- SGKK permaculture plan presentation, SWMRT, May 2022
- "Bamboo in Construction", ANRV School of Architecture, 19th May 2022.

MEMORANDUM OF UNDERSTANDING BETWEEN CGBMT AND VARIOUS INSTITUTES:

- BMS College of Architecture, Bengaluru
- APJ Abdul Kalam University of Technology, Lucknow
- RVS Padmavathy, School of Architecture, Chennai
- DEI University, Agra
- Chattisgarh State Bamboo Mission, Chattisgarh



UNGC PRINCIPLES

HUMAN RIGHTS

PRINCIPLE 1

Businesses should support and respect the protection of internationally proclaimed human rights.

We work with underprivileged communities and tribal villages to develop sustainable and economically viable prototypes for housing and social infrastructure.

As an employer of full-time staff and volunteers, CGBMT makes employment decisions on the basis of merit and business needs. CGBMT is an equal opportunity employer and abides by principles of diversity, equity and inclusion. We actively seek to recruit and retain a diverse staff and volunteers from across India, in all areas of operations.

PRINCIPLE 2

Businesses should make sure that they are not complicit in human rights abuses.

We engage with senior management at companies and institutions, for signing Memorandum of Understandings and agreements for consultations and projects to ensure that human rights and labour issues, such as gender and minority pay equity, working conditions, such that discriminations of any kind does not occur at any time.

We actively engage with communities on a global and local scale to develop frameworks and workshops to educate on climate change and to mainstream green buildings and technologies, which positively impact human rights in various ways.

We engage with local communities around our projects and workshops and invite locals to involve them in such projects. We train people from the grass-roots levels to develop skills of sustainable constructions and incubate local businesses to develop surrounding it. This is done to encourage families and communities to become resource and financially independent, while also taking care of their environment and locality.



UNGC PRINCIPLES

LABOUR

PRINCIPLE 3

Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining.

We maintain a transparent and accessible labour work and payment records to completely eliminate any injustice. We uphold their right to freedom of association and the right to collective bargaining. Our volunteer program engagement is at will and we stress on open and transparent communications between all roles.



PRINCIPLE 4

Businesses should uphold the elimination of all forms of forced and compulsory labour.

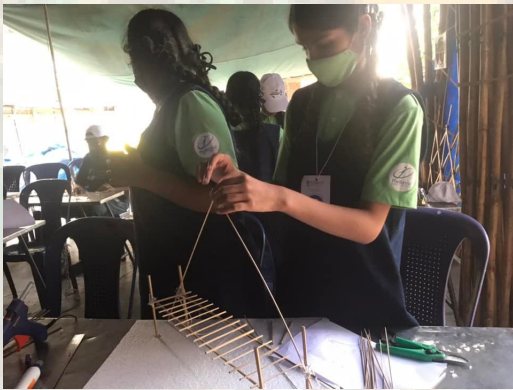
As described above in our response to Principle 2, we engage with local communities around our projects and workshops and invite locals to involve them in such projects. We train people from the grass-roots levels to develop skills of sustainable constructions and incubate local businesses to develop surrounding it. This is done to encourage families and communities to become resource and financially independent, while also taking care of their environment and locality.



UNGC PRINCIPLES

PRINCIPLE 5

Businesses should uphold the effective abolition of child labour.



PRINCIPLE 6

Businesses should uphold the elimination of discrimination in respect of employment and occupation.



Child labour is distressingly prevalent in many countries, including India. We work with local organisations that are focused on safe-guarding children from slavery and taking care of street children and orphans.

Their wards are welcomed to take part in skilling workshops to help them develop their skills and foster sustainable creativity, while teaching them soft-skills to develop character and spreading awareness among local communities about the negative effect of forced child-labour on the youth.

We, at CGBMT, treat our workers, employees, volunteers and participants as equals deserving of the same respect and responsibility to see our projects and events to success and we make sure to celebrate each of their achievements at our annual foundation day for the recognition they deserve.

Since our inception, we've conducted workshops, training events, exhibitions, large-scale construction projects and welcomed people, to take part in it, from various parts of India and the world, irrespective of their personal faiths, cultures and beliefs. It has been our privilege to connect to such a vast number of amazing people who have enriched our history through their hard work, determination, passion and sincerity.

UNGC PRINCIPLES

ENVIRONMENT

PRINCIPLE 7

Businesses should support a precautionary approach to environmental challenges.



We advocate the use of eco-friendly materials and low-embodied energy design and construction practices in all our projects and consultations. We try to reduce the use of polluting materials like cement, steel and glass and promote the use of locally available stones, earth, timber and bamboo. This increases the carbon sequestration in our buildings and reduces energy consumption in transport.

Our work addresses human, community and ecological needs through eco-education, advocacy, research and development and on-the-ground work community engagements. CGBMT involves all stakeholders to ensure long-term transformational benefits.

In 2020 we launched “School of Simple Living” as an effort to reach out to adopt simple interventions in their life, to make the big change, connecting to nature.

PRINCIPLE 8

Businesses should undertake initiatives to promote greater environmental responsibility.



Many of our engagements with institutions and communities are based on taking greater environmental responsibility for our future at the core of each project and events.

True sustainability requires solutions that bring economic, social and environmental benefits. With eco-education, advocacy and community engagement as our initial goals, our work began with talks, modular courses, seminars, skill development programs, and workshops on sustainable living and sustainable building. To maximize our reach and establish research partnerships, we collaborated with prestigious institutions like the Indian Plywood Industries Research and Training Institute (IPIRTI), the Karnataka State Center for Science and Technology (KASCST) and Timber Research and Development Authority UK (TRADA) and several others.

UNGC PRINCIPLES

PRINCIPLE 8

continued...



Soon after, CGBMT's push to build on and spread the wisdom of sustainability reached 20+ countries as we presented our ideas, work and held workshops at key events including the World Sustainable Building Conference SB05, SB08 and SB11. The World Bamboo Congress in 2004, 2009, 2010, 2015 and 2018 and at the Venice Biennale in 2016. This helped us build more partnerships with national and international organizations and sign Memorandums of Understanding with 5 colleges, where we regularly run workshops, guest lectures, courses and several other activities.

PRINCIPLE 9

Businesses should encourage the development and diffusion of environmentally friendly technologies.



CGBMT has been working for the past 18 years with various institutes in research and developments of prototypes and standardisation of alternative material properties and to promote green products for day to day use, for a sustainable way of life and establish and maintain a network of similar societies, agencies, NGOs etc. in India and abroad for knowledge sharing on the subject. We also publish articles and papers that deal with the mainstreaming of green building materials and technologies.

ANTI-CORRUPTION

PRINCIPLE 10

Businesses should work against corruption in all its forms, including extortion and bribery.

CGBMT recognizes that bribery and corruption have a severely detrimental effect on economies and individuals, promoting illegal activities and weakening labour rights. CGBMT works closely with local bamboo mission and bamboo societies, various institutions, community people and extremely passionate professionals, with whom we have successfully created a frame of alliance, working with each other, and in mutual cooperation, barter is only of services, emotions and impacts. We address corruption by making every stake holder a part of our mission and motivate them to an extent that benefits are calculated only through development and promotion of Green i.e., environment friendly, low-energy and cost effective solutions for ecological living.

CONCLUDING REMARKS

Summing it up, the advocacy, skilling and the course development on awareness of simple living which we have achieved so far has adopted various approaches and initiatives that proved to be useful and empowering for the common man and the environment. Currently, our contribution in CGBMT supports 13 sustainable development goals and our 2030 agenda is to achieve all 17 sustainable goals. Our primary focus this year is on the ground action by skilling 100 people by providing workshop and training opportunities and empowering 4 vulnerable sectors such as unemployed youth, rural woman, people with disability and tribal people.

Thus, Collaborations with international development organisations enhance our capacity to engage more in advocacy , skilling and policy dialogue and achieve common vision and true sense of solidarity.

Our commitment to upholding United Nations Global Compact principles in the course of our work is resolute and we envision a future of peace and balance.