

ORGANIZATION PROFILE, PRACTICAL ACTIONS & MEASUREMENT OF OUTCOMES



GREENTECH
Foundation
BANGLADESH

WE SUPPORT



Introduction:



GreenTech Foundation Bangladesh is a non-profit organization registered under Ministry of Commerce & Industries [societies Act XXI of 1860 (S-12820)] committed to support the government in the areas of environment, energy and socio economy to achieve Sustainable Development Goals (SDG). Specially the Quality Education, Affordable Clean & Green Energy i.e. renewable energy sources, green technology, energy efficiency, Decent Work & Economic Growth / Sustainable Financing i.e. green banking, green investment and products, Industry, Innovation & Infrastructure, Sustainable Cities & Communities, Responsible Consumption & Production, Climate Action, Life Below Water, Life on Land and Partnership for the Goals of SDG. Also recognize & celebrate ethos of outstanding performance of individual

and organization in said sectors those who are supporting UN SDGs. All of the activities of GreenTech Foundation support the Government of Bangladesh in gaining middle income status as is laid out in the Vision 2021, the 7th Five Year Plan as well as the Sustainable Development Goals (SDGs).

GreenTech Foundation Bangladesh provides expertise and advisory services to business, local authorities and communities, government bodies and public at large, to enable them to establish and consolidate their environmental action. We are taking a leading role in promoting education, awareness, training, dissemination of knowledge, advancing the scientific, technical and practical aspects of green banking, renewable energy, green technologies, environment protection and Climate Change effects to support SDGs.



The aims and objects of the Foundation are:

- To promote the education, training in all matters related to environment management, green banking, green business, green entrepreneurship development, energy & power, green industry, use of renewable energy sources, green technology, green construction, bio energy, wave energy, and all other sources energy, energy efficiency, safety and climate change issues.
- To disseminate of knowledge, encourage people to use of eco-friendly, energy efficient products to achieve SDG.



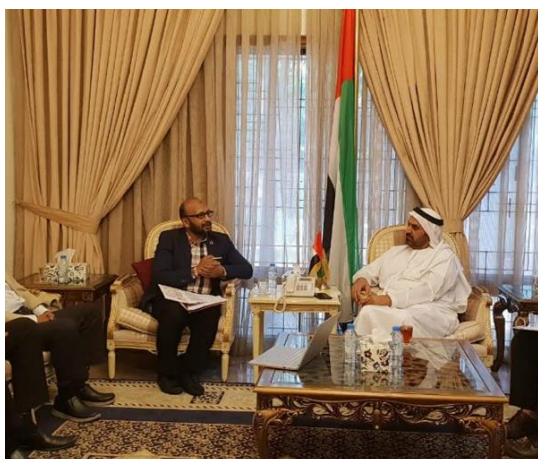
- To advance the scientific, technical and practical aspects of waste management to safeguard the environment including clean Technology, Energy Efficiency and climate change.

- To promote Research & Development activities relating power, energy, renewable energy, environment, climate change, green finance, green business and entrepreneurship development.

- To project an appropriate and progressive image of achievements in the field of renewable energy Industry, energy efficiency and green technology in Bangladesh and abroad.

- To promote innovative use of technology in conservation of energy, scarce materials and natural resources.

- To be an interface and facilitate dialogue among the various institutions and organizations along with the donor agencies & development partners in Bangladesh connected with Environment & Energy Management, Waste Management, Pollution Control, Climate Change Effects and rural development and work as Think Tank for the government to make the country green.





Programs:

- Seminars, Workshops and Exhibitions at National & International Levels.
- Publication of technical journals, reports and periodicals.
- Identification of potential areas of development.
- Research & Development activities including market research, surveys and analysis.
- Educational training courses for Capacity Building.
- Liaison and Representation with Government and Semi-Government bodies.
- Providing awards to recognize, reward and promote exceptional goals and all positive aspects in the field of Environment, Climate Change, Renewable Energy, Innovation, SDG'S & CSR.





GreenTech Foundation Bangladesh also involved in research, training, consultancy & advocacy programme through green banking, green business, green investment, green entrepreneurship development, green technology and carbon trading project that are directly or indirectly involved with environment, climate change, renewable energy and disaster management in the country to

achieve SDG goals.



GreenTech Foundation Bangladesh has MoUs with government departments, public and private universities, international agencies, NGOs, private sector and academic, training and research institutes with whom it considers itself to have significant working relationships and thus contributes towards achieving the national sustainability vision and world Sustainable Development Goals. These MoUs set out the overall framework of relationships and intend to stimulate more effective collaboration in agreed broad areas, while recognising the independence of each partner to pursue their own policies, priorities and approaches and to concentrate on their core competencies.



Our Activities:

ACTIVITIES WITH BANKS & FINANCIAL INSTITUTIONS:



▣ To inspire and monitor the banks and financial Institutions to follow and implement the Green Banking Policies of Bangladesh Bank related to renewable energy at remote customer level.

▣ To inspire Banks and Financial Institutions for using energy efficient products inside their banks like LED lights, Solar ATM booth, Solar in their remote & urban branch instead of generator, uses of less paper, more use of day light in their all branches, use Rain Water Harvesting Systems and Roof top gardening in the Bank.

▣ To inspire banks for providing loans/finance to Solar & Renewable Energy related products/industries and energy efficient products/industries and supervise the financial & technical feasibility on behalf of Bangladesh Bank for getting the Refinancing fund.

▣ Arrange the training programme for inspiring the personnel of Banks for better understanding of renewable energy products.

▣ Arrange Carbon Benefit Awards for the institutions who are using renewable energy products and provide finance to renewable energy & energy efficient products.



ACTIVITIES WITH UNIVERSITIES, SCHOOLS & EDUCATIONAL INSTITUTIONS:

▣ Motivate the authorities of the Universities, Collage & Schools for using renewable energy and energy efficient product in their institutions.



▣ Arrange talks and training programme for building awareness of the teachers & students for using renewable energy & energy efficient product and changing the life style.



▣ Affiliate various renewable energy courses with the foreign universities and arrange scholarship and job for the students.





Energy & Environmental Studies Program (EESP) at BUP has been launched on 22 August 2017 formally with a target to work with government & i-agencies on climate change, UN SDG's and renewable energy issues as a testing lab and consulting agency to lead among all institutes in this sector.



On 26 September 2017 we have organized a roundtable discussion program on capacity building and role of universities in presence of chairman UGC where BUP was in leading position. Representatives from many public and private organizations were present on that event.



ACTIVITIES WITH BUSINESS ENTREPRENEURS:



☐ Encourage the business owners and entrepreneurs to go for green business (product & services).

☐ Motivate for using renewable energy and energy efficient product in their business & industries.

☐ Arrange talks and training program for building awareness of the personals for using renewable energy & energy efficient product.





GreenTech Foundation Bangladesh is delighted to support the UN's Sustainable Development Goals (SDGs). These 17 goals set forth a challenge for humanity to decouple economic growth from climate change, poverty and inequality. We believe all initiatives taken by GreenTech Foundation may contribute towards meeting the Sustainable Development Goals in Bangladesh.

The 17 Sustainable Development Goals (SDGs), with their 169 targets, form the core of the 2030 Agenda. They balance the economic, social and ecological dimensions of sustainable development, and place the fight against poverty and sustainable development on the same agenda for the first time.

We aim to accelerate joint learning and promote integrated approaches that address the interconnected economic, social, and environmental challenges confronting the world. GreenTech Foundation Bangladesh works closely with partner organization United Nations agencies, multilateral financing institutions, the private sector, and civil society. The organization and governance of GreenTech Foundation aims to enable a large number of leaders from difference diverse backgrounds to participate in the development of the network.



The SDGs are to be achieved around the world, and by all UN member states, by 2030. This means that all states are called upon equally to play their part in finding shared solutions to the world's urgent challenges. Bangladesh is also required to implement the Goals on a national basis. In addition, incentives are to be created to encourage non-governmental actors to make an increasingly active contribution to sustainable development.



GreenTech Foundation supports its member institutions (universities, research institutes, civil society organizations, and other knowledge centers) around the country to play a leading role in sustainable development in four ways:

- (1) As research center;
- (2) As key partner in advocacy together with government, business, & civil society;
- (3) As educators; and
- (4) As social entrepreneurs in solution initiatives.



SUPPORTING & COOPERATING TO ACHIEVE THE SUSTAINABLE GOALS

ONLINE EPISODES FOR EACH SDG TO BUILD AWARENESS



GreenTech Foundation has created live online contents (YouTube and Facebook) for each SDG to educate people and create local and global awareness.

Among the SDGs, GreenTech Foundation is focusing on those goals that are mostly technology based. The following goals are more emphasized.



GreenTech Foundation in consortium with local & international partners is a provider of consulting, engineering and technical services, procurement of Renewable Energy projects ranging from solar irrigation system, solar micro-grid and mini-grid system in off grid areas, small wind, hydro kinetic, hybrid solutions, as well as on-grid Rooftop PV installations.

GreenTech Foundation is trying to promote renewable energy solutions, carbon emission reduction, and environmental solutions in this region.

GreenTech Foundation is possessing on diversified training & consultation units, addressing on design, installation, and troubleshooting of Solar application, i.e. Solar Home System, Solar Mini-grid, Irrigation, Cold storage, Net Metering, and Industrial & Commercial Rooftop system.



GreenTech Foundation's team consists of commercial and technical professionals with proven skills in project development, financial control and asset management. We support projects from initial scoping and authorization through to installation and long-term maintenance; in short, a genuine turnkey service.



projects addressing Renewable Energy and Energy efficiency applications.

Energy Consulting



We encourage the use of solar energy as we believe passionately in renewable energy technologies as a key solution to global warming, GreenTech Foundation and its delivery partners maintain a realistic commercial outlook, focusing on maximum profitability for our customers and investors. GreenTech Foundation has also managed several Research and development

GreenTech Foundation provides consulting services including feasibility studies, basic and detail engineering, construction, commissioning and operation of projects in Energy sector and clean energy mechanisms, as well as technical advisory services for renewable energy projects.

This includes **Energy Audit, Energy Management, Rational**

use of Energy, Energy Conservation, Power Generation, Transmission and Distribution, Renewable Energy Sources, Emerging technologies, and Energy Policy.



Research, Development and Training



GreenTech Foundation has established memorandum of understanding with some of the renowned Universities and Institutes in Bangladesh like Institute of Energy, University of Dhaka, Energy Centre, BUET, Bangladesh University for Professionals (BUP), Bangladesh Institute of Bank Management (BIBM), Sustainable & Renewable

Energy Authority (SREDA). Results of collaborative with academic entities include the development of a Wind Turbine, Prototype, Hydrokinetic Pico turbines prototypes (Eco Cinetic, France) for the Exploitation of Renewable Energy from Rivers and Estuaries, and Net Zero Energy Campus prototypes are mentionable. GreenTech Foundation possess one of the most diversified training units, addressing hands-on training in design, installation, and troubleshooting of Solar, Bio Gas and Green Building application.

20th National Renewable Energy Conference & Green Expo

University of Dhaka & GreenTech Foundation Bangladesh jointly organizes National Renewable Energy Conference & Green Expo every year. This is the 20th year and this year the title of the conference will be “Sustainable Energy for Climate Actions: Bangladesh Perspective during Covid-19 pandemic”. It is dedicated to Mujib 100 Years and it was rescheduled to be held on 24-25 June 2020.

Unfortunately, we were not able to organize a physical conference as originally planned, due to the ongoing COVID-19 epidemic situation. Nevertheless, we arranged the Conference to take place virtually and were able to successfully complete it.



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Practical ACTION CONSULTING
QRC

Association Partner
SREDA
Sustainable and renewable
Energy Development Authority

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Outcome

This conference was successful in participation and in result. It had 6 sessions held in 2 days, covering 6 important topics related to SDGs, ranging from Clean Energy, to Climate actions to technology and IT. We invited many key persons related to field in terms of expertise, knowledge or policy changing capacity covering technical fields to policy makers. All the sessions were broadcasted live in YouTube and Facebook and later on we made summaries of prominent speakers that supports SDGs that was sent to news and review medias.

UNITED NATIONS SIDE EVENT 2020



GREENTECH
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Bangladesh

Mapping the Renewable Energy Sector to the UN Sustainable Development Goals: Showcase Bangladesh

Date: 30-09-2020 Time: 03:30 PM (BD Time)

To Watch the Session



GreenBiz TV



GreenTechFoundationBD

ASSOCIATED WITH



SREDA
Sustainable and renewable
Energy Development Authority

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Dr. Tawfiq-e-Elahi Chowdhury
Adviser to Honorable Prime Minister
Power, Energy and Mineral
Resources Affairs



President of the Session
Mr. Nasrul Hamid MP
Hon'ble State Minister Ministry of
Power, Energy & Mineral Resources



Dr. Sultan Ahmed (TBD)
Secretary, Power Division,
Ministry of Power,
Energy & Mineral Resources



Prof. Dr. Saiful Huque
Director,
Institute of Energy,
University of Dhaka



Md. Mahmood Malik
CEO, Infrastructure
Development Company
Limited (IDCOL)



Mr. Arif Mohammad Faisal
Programme Specialist at
United Nations Development
Programme (UNDP)



Al Mudabbir Bin Anam
Program Coordinator, Deutsche
Gesellschaft für Internationale
Zusammenarbeit (GIZ)



Engr. Mohd Rezaul Hoq
Director, Sustainable
Renewable Energy Development
Authority (SREDA)



Welcome Speech
Mr. Siddique Zobayer
Energy Specialist & Advisor,
GreenTech Foundation Bangladesh



Moderator:
Lutfur Rahman
Executive Director GreenTech
Foundation Bangladesh

8 DECENT WORK AND ECONOMIC GROWTH



Online Seminars to Discuss Economic Recovery Plans in Covid-19

GreenTech Foundation Bangladesh had arranged 6 online seminars on Covid-19 Economic Rescue Plan and Green Economy in the perspective of Bangladesh. Here policy-influencing several key persons were invited including individuals from the ministry of planning and the ministry of finance.

Outcome

Policy briefs were sent to all policy makers (members of parliament). Following our guidelines, there were positive changes in the policy level.

GREENTECH
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Bangladesh



WEBINAR ON:

POLICY APPROACH FOR GREEN & RESILIENT COVID 19 ECONOMIC RECOVERY

Tuesday

09 June 2020 @ 11:00am BDT
Live on Facebook @ YouTube

**PRE-BUDGET
DISCUSSION 2020**



Dr. Atiur Rahman

Ex-Governor, Bangladesh Bank
Founder, Unnoyon Somonnoy



Dr. Atiq Rahman

Executive Director
Bangladesh Center for advanced
Studies (BCAS)



Dr. A.K.M. Saiful Majid

Chairman, Grameen Bank
Vice Chairman, Green Tech
Foundation Bangladesh

KEYNOTE SPEAKER



Dr. Shah Ahsan Habib

Professor & Director
Bangladesh Institute of Bank
Management (BIBM)

MODERATOR



Lutfur Rahman

Executive Director
Green Tech Foundation
Bangladesh

WEBINAR ON:

GREEN RECOVERY APPROACH OF ISLAMIC BANKS IN COVID-19 REGIME

Date: 29 July 2020 at 8:00 pm



Keynote Speaker:

Prof. Dr. Shah Md. Ahsan Habib
Renowned Researcher on Green Financing
Director Training, Bangladesh Institute of
Bank Management (BIBM)



Moderator:

Lutfur Rahman
Executive Director GreenTech
Foundation Bangladesh

Discussant:



Dr. Mohammad Akhtaruzzaman
Director General, Bangladesh Institute of
Bank Management (BIBM)



Muhammad Farid Uddin Ahmed
Chairman, Shariah Supervisory Committee
ICB Islamic Bank Limited



Prof. Dr. Mohammad Gias Uddin Talukder
Chairman, Shariah Supervisory Committee,
Islamic Bank Bangladesh Limited
Department of Arabic, University of Chittagong



Professor Dr. M. Kabir Hassan
Professor of Finance, Department of
Economics and Finance
University of New Orleans, USA



Mr. Muhammed Shahidul Islam
Managing Director
Shahjalal Islamic Bank Limited



Mr. Abu Zafare Md. Saleh
Managing Director & CEO
Islamic Finance and Investment Limited

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9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Green buildings are smart buildings, these buildings drive its inhabitants to a sustainable future on its own. Worldwide green buildings are considered as symbol of trust, elegance, futuristic and responsible. As buildings account for around 40% of a nation's total energy consumption, it's not possible to ensure secured energy for future without planned and eco-friendly urbanization with green commercial buildings.

One of the GreenTech Foundation's member built the Cityscape Tower that has achieved first LEED Platinum certification from United State

Green Building Council (USGBC) as Commercial Project in Bangladesh.





SMART GREEN VILLAGE INITIATIVE AT MOHESHPUR, JHENAIDAH:

Under the leadership of an eminent personality, Major General Salahuddin Miaji, Vice Chancellor of Bangladesh University of Professionals (BUP) recently, GreenTech Foundation Bangladesh along with the Department of Environmental Studies of BUP has taken an initiative for SMART village. A village named “Porapara” under Swaruppur Union Thana: Maheshpur, Dist: Jhenaidah has been selected for the pilot project of model SMART Green Village. Maheshpur

Upazila is a part of Jhenaidah District in the Khulna Division of Bangladesh. The reason why we chose this village was [that] if we can solve the problem here then we can set a model that can be used anywhere in the country.

For us, a smart green village is a human, hi-tech and happy village which ensures an enhanced quality of life that contributes to the harmony, happiness and well-being of all the villagers. A smart green village would have the required basic physical and social infrastructure with a layer of



smart information and communication embedded in the infrastructure to improve governance and delivery of services, livelihood and economic opportunities. Our



focus is on creating a sustainable and inclusive development model that can be easily replicated. This model is based on the convergence of resources and effort by the GreenTech Foundation Bangladesh, Bangladesh University of Professionals (BUP), EDAS and enlightened villagers of the Porapara Village, of Moheshpur, Jhenaidah.

In the first phase, we are concentrating on providing:

(i) Basic amenities i.e. regular electricity supply through clean energy (solar home system), sanitation and solid waste management, clean fuel (biogas) for cooking through biogas plant, organic fertilizer, sustainable mobility and housing;

(ii) Integrated healthcare at affordable prices through the setting up of e-Doctor Clinics and Smart Green Village wellness centres;



(iii) Education and skill development through quality enhancement of education in schools and setting up of smart village training centres in this village for continuous up-gradation of skills based on the needs of the village and by creating a skill development hub;

WASTE MANAGEMENT:

Several initiatives have been taken jointly with Practical Action Bangladesh to build connection between all stakeholders for harnessing the private sector to improve sustainable waste management and to open up the dialogue on how they can move and work more collaborate way thus to mutual support each other's endeavour. It was showcased the private sector's engagement including potentiality, learning opportunities, and challenges or good practices in waste management business that helps financial organization to cock out the present flow in waste management business.



Online Consultation Meetings

Later in the Covid-19 era, GreenTech Foundation has been very active in this area. It has arranged 5 consultation meetings online “to ensure the access of sustainable financing for root level waste and recycling business” by communicating with many relevant groups and individuals such as financial institutions, non-banking financial institutions, related govt. wings and individuals, local governments, municipalities, city corporations, NGOs and agencies such as Practical Action, Karmojibi Nari and invited them, coordinated their participations and strengths. Since there are policy level challenges and where there are policy level supporting directions, financial institutions still show strong reluctance to fund this sector and/or exploit policy level ambiguity where possible. That is why it is crucial higher-level awareness is created among all the stakeholders and more of their support is ensured, including policy level changes. Since this is not about an individual sector and a handful of entrepreneurs and root level workers, But this is related to the future welfare of all of us and our country. For these reasons, GreenTech Foundation Bangladesh has put in the efforts. These practical activities were supported by European Union.



Outcome

Such hard work paid off well. There was increased awareness among all the stakeholders involved. They thought about the solutions and expressed ways of how they can participate to improve the conditions. The rigidity of financial institutions to fund the waste management sector was changing. Pilot projects were named. A consultation paper was published named “Strategies for Access to Subsidized Finance by Micro, Small and Medium Entrepreneurs involved in Waste Collection, Processing and Recycling” by Dr. Shah Md Ahsan Habib, Director, Training, Bangladesh Institute of Bank Management (BIBM). There were successful policy level changes and we are hopeful of the potentials for more positive policy changes in the future.

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Achieving economic growth and sustainable development requires that we urgently reduce our ecological footprint by changing the way we produce and consume goods and resources. Agriculture is the biggest user of water worldwide, and irrigation now claims close to 70 percent of all freshwater for human use.

The efficient management of our shared natural resources, and the way we dispose of toxic waste and pollutants, are important targets to achieve this goal. Encouraging industries, businesses and consumers to recycle and reduce waste is equally important, as is supporting developing countries

to move towards more sustainable patterns of consumption by 2030.

Experience in Energy Efficiency & Energy Audit:

GreenTech Foundation has implemented numerous assignments related to Energy Efficiency for buildings and industries, Energy Audits including assessment of energy efficiency measures, energy monitoring, pre-feasibility and feasibility studies and projects appraisal. In addition, GreenTech Foundation has customised and delivered specialised training courses for engineers and energy managers focusing exclusively on energy efficiency and auditing.

GreenTech Foundation offers the most advanced services in assessment, design, costing, supervision and management of all kinds of building and Infrastructure projects.





Climate change adaptation and mitigation is a core area of activity at GreenTech Foundation, because Bangladesh is recognized as a country most vulnerable to climate change. Natural hazards such as floods, increased rainfall, rising sea levels, and tropical cyclones are expected to increase which may seriously affect agriculture, water & food security, human health and shelter. GreenTech Foundation has achieved specialization in this area throughout the years by conducting research with sophisticated in-house technology, building awareness, designing advocacy campaigns, publications and collaborating with development partners at national and international levels.

Approach

GREENTECH FOUNDATION addresses this area with the following activities:

- Conducting research by assessing impacts, vulnerabilities, adaptation and mitigation potential
- Promoting clean development mechanisms
- Raising awareness and building capacity
- Formulating policy for institutional development
- Designing advocacy campaigns at local, regional and global levels



Outcomes



- To published a number of books, working papers and scientific articles on climate change impacts on development, poverty, disaster risk reduction and helps to build capacity of various actors like government departments, NGOs, community and development partners in Bangladesh.

- To organized a number of seminar and dialogues on climate change, causes, impacts, mitigation.

- To organized orientation workshops aimed to increase understanding and awareness about climate change impacts on development, poverty alleviation, food and water security.

- To provided orientation to partner organizations on climate change, development, poverty alleviation and livelihood.

20th National Renewable Energy Conference & Green Expo

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Unfortunately, we were not able to organize a physical conference as originally planned, due to the ongoing COVID-19 epidemic situation. Nevertheless, we arranged the Conference to take place virtually and were able to successfully complete it.

INSTITUTE OF ENERGY UNIVERSITY OF DHAKA

GREENTECH Foundation Bangladesh

VIRTUAL CONFERENCE
SUSTAINABLE ENERGY FOR CLIMATE ACTIONS:
BANGLADESH PERSPECTIVE DURING COVID-19 PANDEMIC
24 - 25 June 2020

20th NATIONAL RENEWABLE ENERGY GREEN EXPO-2020

To Watch The Conference Visit

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BANGLADESH PERSPECTIVE DURING COVID-19 PANDEMIC

24 June 2020

20th NATIONAL RENEWABLE ENERGY GREEN EXPO-2020

INAUGURAL SESSION:
(10:00am – 11:30am)

Chief Guest:
Mr. Salman F. Rahman
Private Sector Industry & Investment Advisor to Honorable Prime Minister

Chair:
Prof. Dr. Akhtaruzaman
Vice Chancellor, University of Dhaka

Key Note:
Dr. Atiq Rahman
Champions of the Earth 2008, Executive Director, Bangladesh Centre for Advanced Studies

Special Guests:
Ms. Zuena Aziz
Principal Coordinator, SDG's Affairs PMO

Dr. Sultan Ahmed
Secretary, Power Division, Ministry of Power, Energy & Mineral Resources (SREDA)

Mr. Mohammad Alauddin
Chairman, Sustainable & Renewable Energy Development Authority (SREDA)

Md. Mahmood Malik
CEO, Infrastructure Development Company Limited (IDCOL)

Dr. Shawkat A. Begum
Bangladesh Director, Practical Action

Dr. Muhammad Abdul Mazid
Advisor, GreenTech Foundation Bangladesh

Welcome Address:
Prof. Dr. Saiful Huque
Director, Institute of Energy, University of Dhaka

Vote of Thanks:
Lutfur Rahman
Executive Director & CEO, GreenTech Foundation Bangladesh

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24 June 2020

The Book Launching: of the poor People's Energy Outlook Series (PPEO)
(11:30 am – 11:59 am)

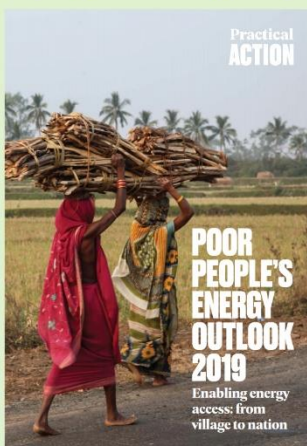
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24 June 2020

SESSION 1: ENERGY SUSTAINABILITY: IMPACT OF GREEN FINANCING & ENERGY EFFICIENCY ON COVID-19 RECOVERY (12:15 pm – 02:00pm)



Chair:
Dr. Atiur Rahman
Ex- Governor,
Bangladesh Bank



Discussant:
Mr. Siddique Zobair
Former Member & Additional
Secretary, SREDA, Ministry of Power,
Energy & Mineral Resources



Mr. Morshed Millat
GM of Sustainable Finance
Division, Bangladesh Bank



Md. Mokhter Ahmaed
Director,
Climate Change Trust Fund



Prof. Dr. Shah Md. Ahsan Habib
Director Training,
Bangladesh Institute
of Bank Management



Al Mudabbir Bin Anam
Program Coordinator, GIZ



Mr. Fazlul Huque
Ex-President, BKMEA &
Managing Director,
Plummy Fashion



Vote of Thanks:
Dr. Muhammad Abdul Mazid
Advisor, GreenTech
Foundation Bangladesh

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24 June 2020

SESSION 2: OPPORTUNITIES & CHALLENGES OF RENEWABLE ENERGY DURING COVID 19 PENDAMIC (02:30 PM – 04:00PM)



Chief Guest:
Saber Hossain Chowdhury MP
President of the Inter-
Parliamentary Union



Discussant:
Dr. AKM Rafique Ahammed
Director General, Department
of Environment & Climate Change



Mr. Enamul Haque Pavel
Head of Renewable
Energy, IDCOL



Mr. Dipal Chandra Barua
President, Bangladesh Solar &
Renewable Energy Association



Mr. Arif Mohammad Faisal
Programme Specialist
at UNDP



Mr. Munawar Misbah Moin
Managing Director,
Rahimafroz Solar



Mr. Nurul Akter
CEO & Director,
Energypac Limited



Mr. Mesbah Uddin Ahmed
Head of Corporate Division
IDLC Finance Limited



Vote of Thanks:
Mr. Anwarul Islam Sikder
Advisor, GreenTech
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25 June 2020

**SESSION 1: Biogas Based Power Generation for Smart and Healthy City
(10:00 am – 11:30am)**



Chair:
Mr. Zahangir Alam
Mayor,
Gazipur City Corporation



Keynote Speaker:
Mr. M A Matin
Ex-Director General,
Rural Development Academy
(RDA), Bogra



Discussant:
Shawkat A Bagum
Bangladesh Country
Director Practical Action



Md. Helal Uddin
Additional Secretary
Ministry Of Power,
Ex-chairman, (Sreda)



Ms. Salima Jahan
Member, Sustainable &
Renewable Energy
Development Authority
(SREDA)



Dr. SAMIR KUMAR SARKAR
Director, Training Division
RDA, Bogura



Dr. Abdul Gofran
Chairman, Bangladesh
Biogas Development
Foundation



Dr. Ahmedul Hye Chowdhury
Senior Vice President &
Environmental Specialist,
IDCOL



Engr. Uttam Kumar Saha
Strategic Lead Urban & Energy
Practical Action Bangladesh



Mr. Abdus Shaheen
Country Programme Manager,
Water & Sanitation for the
Urban Poor (WSUP)



Vote of Thanks:
Maj Gen.(Retd.) Salahuddin Miaji
Advisor, GreenTech
Foundation Bangladesh

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25 June 2020

**SESSION 2: ICT FOR SUSTAINABLE ENERGY & CLIMATE ACTION
(12:00 pm – 01:30pm)**



Chair:
Mr. Zunaid Ahmed Palak
State Minister, ICT Division



Discussant:
Anir Chowdhury
Policy Advisor, a2i



Mr. Syed Almas Kabir
President, Bangladesh
Association of Software &
Information Service (BASIS)



Mr. Shameem Ahsan
Chairman, E-Generation
Limited and Director,
FBCCI



Amzad Hossain
Director FBCCI



Dr. Sebastian Groh
Managing Director,
SOLShare Limited



Engr. Mamunur Rahman
Managing Director,
iMind Limited



Dewan Kanon
Director & CEO,
SEBL (National Distributor
of Xiaomi)



Vote of Thanks:
Brig.Gen.(Retd.) Akhtaruzzaman
Advisor, GreenTech
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 BANGLADESH PERSPECTIVE DURING COVID-19 PANDEMIC



**20th NATIONAL
 RENEWABLE ENERGY
 GREEN EXPO-2020**

25 June 2020

**CLOSING SESSION:
 (02:30pm – 04:00pm)**



Chief Guest:
Mr. Nasrul Hamid MP
 State Minister for Power,
 Energy & Mineral Resources



Chair:
Prof. Dr. Akhtaruzaman
 Vice Chancellor,
 University of Dhaka



Special Guests:
Mr. Nahim Razzaq MP
 Country Head,
 Climate Parliament



Special Guests:
Dr. A.K.M. Saiful Majid
 Professor, IBA (University of Dhaka)
 Chairman, Grameen Bank Vice Chairman,
 Green Tech Foundation Bangladesh



N K A Mobin FCA, FCS
 Sr. Vice President
 Dhaka Chamber of
 Commerce & Industry



Engr. Md. Mojibor Rahman
 President, Solar Mini-
 Grid Association Bangladesh



Arun Karmaker
 Chairman,
 Forum For Energy
 Reporters Bangladesh



Welcome Address:
Prof. Dr. Saiful Huque
 Director, Institute of Energy,
 University of Dhaka



Vote of Thanks:
Dr. Nasif Shams
 Associate Professor, Institute of Energy,
 University of Dhaka



Vote of Thanks:
Lutfur Rahman
 Executive Director & CEO,
 GreenTech Foundation
 Bangladesh

To Watch The Conference Visit



GreenTechFoundationBD



GreenTech Foundation

Association Partner :



Knowledge Partner :

Outcome

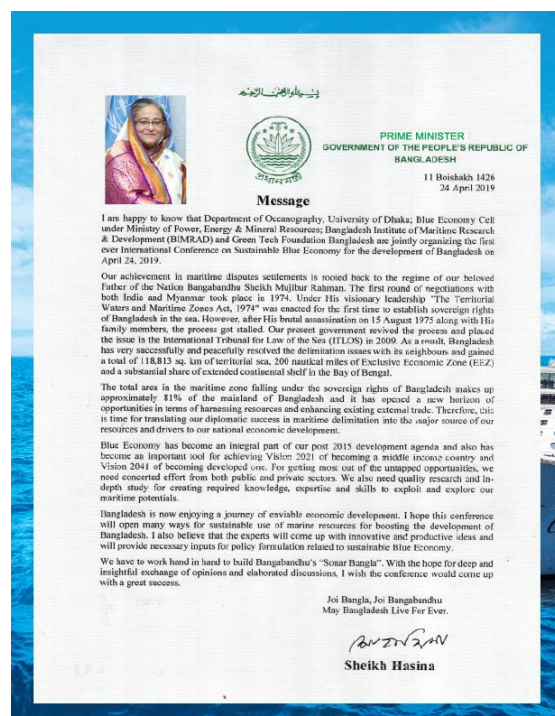
This conference was successful in participation and in result. It had 6 sessions held in 2 days, covering 6 important topics related to SDGs, ranging from Clean Energy, to Climate actions to technology and IT. We invited many key persons related to field in terms of expertise, knowledge or policy changing capacity covering technical fields to policy makers. All the sessions were broadcasted live in YouTube and Facebook and later on we made summaries of prominent speakers that supports SDGs that was sent to news and review medias.



Oceans, seas and marine resources are central to the delivery of the 2030 Agenda for Sustainable Development, including the Sustainable Development Goals (SDGs). Sustainability of the Ocean's resources is a global priority. The challenges of the blue economy are global and will require global solutions framed within national and regional priorities. Oceans, seas and lakes support human well-being and livelihoods and underpin poverty eradication, food security, employment, industry, innovation, sustainable communities, health, tourism and protection from natural disasters, and counteract the impacts of climate change as

carbon reservoirs. However, human activities continue to threaten oceans and seas and marine resources with detrimental long-term impacts for humanity and the planet.

GreenTech Foundation Bangladesh along with Blue Economy Cell, Energy & Mineral Resources Division Ministry of Power, Energy and Mineral Resources and Department of Oceanography, University of Dhaka are planning to organize an International Conference on "Sustainable Blue Economy for the Development of Bangladesh" at University of Dhaka.



The blue economy offers unlimited prospects via: sea ports, navigation, fishing, marine plants, oil and gas, mineral resources, new land and islands surfacing in the waters, sea tourism, and other possibilities for growth and employment.

GreenTech Foundation Bangladesh is proving consultancy and advisory services to the Government & Private sectors to develop the Blue Economy projects for the sustainable development in Bangladesh.

GreenTech Foundation is providing consultancy services to help shape the national vision of the blue economy and its governance framework; raise awareness of the holistic, cross-sectoral approach of the blue economy among different levels of Government, private sector and other stakeholders: academics, investors, traders, professionals, coastal communities; provide support for the identification and development of drivers for sustainable growth from the oceans, seas and coasts in the framework of the "Blue Growth".

Providing to the Blue Economy Cell of the Bangladesh Government in order to obtain:

- Encouraged broad stakeholder inclusion, including private sector, academia and media.
- Organized seminars, workshops, and training sessions on appropriate topics, particularly to identify a pilot project in the framework of the Green Growth; as well as trainings/thematic workshops.





Pre-budget discussion on Blue Economy was held on 14 May 2019 at Blue Economy Cell, Dhaka. The program was organized by GreenTech Foundation with the support of Blue Economy Cell, Ministry of Energy & Mineral Resources.

Program was Chaired by Dr. AKM Saiful Majid, Professor & Former Director, IBA, University of Dhaka and the Key Note Speaker was Dr. A. Atiq Rahman, Executive Director, Bangladesh Center for Advanced

Studies and Advisor of GreenTech Foundation Bangladesh. Mr. Lutfor Rahman, Executive Director & CEO, GreenTech Foundation has moderated the discussion. Dr. Golam Shafiuddin, Additional Secretary, Ministry of Energy & Mineral Resources, Blue Economy Cell, Mr. Jobaer Alam, Chairman, Department of Oceanography, University of Dhaka were the Guest speaker.



Representatives from the concern Ministries, Divisions and Organizations, Regional Economic and Financial Institutions, Private Sectors, Local & International Specialized Agencies and Journalists from different print & electronics media was join in the discussion program.

UN SIDE EVENT 2020



A Sustainable Ocean Economy to achieve UN SDGs : Opportunities and Challenges

GREENTECH
Foundation
Bangladesh



5 October 2020 (Monday) at 7:00 pm (BD Time)
Virtual Platform





GreenTech Foundation works with societies, corporates and institutions to provide waste management & recycling solution. We offer consultancy and implementation for waste management. We provide a strong focus to segregation at source, therefore dry or recyclable material can be sent for recycling directly.

Our team comprises of professionals from different backgrounds who have worked closely with waste management and the environment. We offer an easy, affordable and efficient solid waste management implementation process.

Our passion and commitment for innovation is evident in our approach to developing new systems, processes and the ability to uncover new markets for recyclables. Working with numerous industry regulators, suppliers and consumer groups in Bangladesh.



Our goal is to make Dhaka a Waste Free city and our target audience includes waste generators such as societies and corporates. The GreenTechFoundation not only creates awareness about the cause but also follows through with end-to-end and holistic implementation

through standardized procedures, an implementation manual, videos, charts, workshops and more.

GreenTech Foundation not only creates awareness through training workshops and presentations, but also assists with end-to-end implementation of waste management. We follow a standard operating procedure and an implementation manual including segregation workshops



inclusive of a segregation kit for residents and house staff, waste audits, training for housekeeping staff, capacity calculation for composting cages, uses of compost and linkage with vendors.



COLLABORATIONS AND PARTNERSHIP

NATIONAL COLLABORATION:



INTERNATIONAL COLLABORATION:



ACADEMIC & RESEARCH COLLABORATION:



UNIVERSITY OF DHAKA
ESTABLISHED: 1921



Bangladesh Institute of Bank Management
বাংলাদেশ ইনস্টিটিউট অব ব্যাংক ম্যানেজমেন্ট



GREENTECH FOUNDATION TEAM:



Lutfor Rahman Ph.D. (Fellow)
Executive Director & CEO

Founder & Chief Executive Officer of GreenTech Foundation Bangladesh. Researcher on Sustainable Financing, Energy Sustainability and Renewable Energy, pursuing Ph.D. in International University of Malaya-Wales (Malaysia).



Dr. Muhammad Abdul Mazid
Chairman, Executive Committee
Former Chairman, NBR



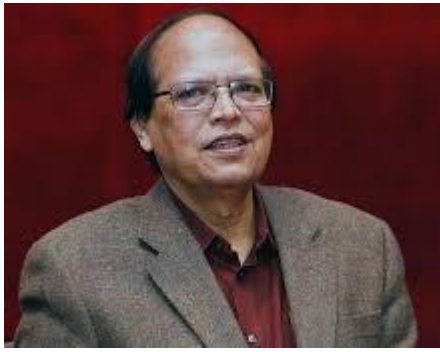
Mr. AKM Khorshed Alam
Chairman, Working Committee
President, BARMOA



Prof. Dr. Saiful Huque
Vice Chairman, Executive Committee
Director, Institute of Energy
University of Dhaka



Prof. Dr. AKM Saiful Majid
Vice Chairman, Executive Committee
Director, Institute of Business
Administration (IBA), DU



Dr. Atiur Rahman
Advisor
Former Governor, Bangladesh Bank



Dr. Atiq Rahman
Advisor
Executive Director
Bangladesh Center for Advanced Studies



Maj. Gen. (Rtrd.) Salahuddin Miaji
Advisor
Ex Vice Chancellor, BUP
Executive Director, Orion Group



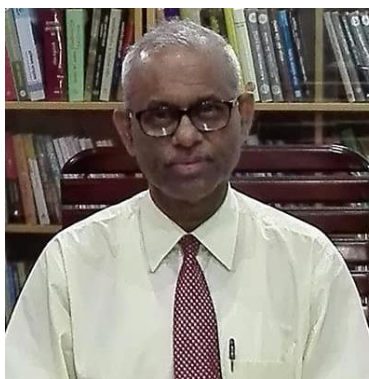
Mr. Pradip Kumar Dutta
Vice Chairman
Executive Committee
Former Managing Director, SBL



Air Cdre M. Abdus Samad Azad
Advisor
Ex-Treasurer, Bangladesh University of
Professionals (BUP)



Brig Gen Akhtaruzzaman Siddique
Advisor
Ex Dean, Bangladesh University of
Professionals (BUP)



Anowarul Islam Sikder
Advisor
Ex-Secretary GoB& Chairman, SREDA



Prof. Dr. Shah Ahsan Habib
Advisor
Director (Training), BIBM



Nahid Sarwar
Advisor
Managing Director
Cityscape International Limited



Engr. DM Majibar Rahman
Advisor
Chairman
Solar Electro Bangladesh Ltd



Dr. Engr. Shafiqur Rahman
Advisor
Vice President
Australian Academy of Business Leaders



Prof. Dr. Md. Ruhul Amin
Member
Vice-Principal & Professor, SUMC



Dr. Mahtab Hossain
Advisor
GreenTech Foundation Bangladesh



Mr. Imrul Karim Romel
Treasurer
GreenTech Foundation Bangladesh



Mohammad Robiullah
Member
Director, GreenBiz Bangladesh



Ibrahim Lodi
Member
Managing Director, Pacific Solar Limited



GREENTECH
Foundation
BANGLADESH

CITYSCAPE TOWER
(LEED Platinum Green Commercial Building)
53 Gulshan Avenue, Gulshan Circle 1
Dhaka-1212, Bangladesh

What We Do



SDG GOAL

We are supporting to achieve Sustainable Development Goals.



GREEN TECHNOLOGY & IT AUDIT

We provide Bio Energy, Solar Energy, Wind Energy & Wave Energy Support



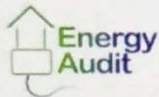
SUSTAINABLE FINANCING

We are working to develop sustainable financing in Bangladesh.



GREEN BUILDING & INDUSTRY

We try to ensure green building & Industry development



ENERGY AUDITING

we do energy auditing to make you energy efficient



NET ZERO ENERGY

We are taking net zero campus initiatives



WASTE MANAGEMENT

Waste management is important to save our environment



CLIMATE CHANGE

We are taking steps to control the climate change



EDUCATION & TRAINING

We do education & training program to save our world



RESEARCH

We inspire and do research on different environmental issues.



CONSULTANCY

We are providing consultancy services to save the environment



CERTIFICATION & AWARD

We provide certificate & award to the green-loving people