

TRAINING AND BACK TO OFFICE REPORT

- Date of Reporting** : 13th February, 2022
- Purpose of Mission / Visit(s)** : Conducting Awareness Training on "Climate Science, CReLIC and CRIMP" for Barishal Division
- Venue of Training** : LGED Regional Training Centre (RTC), Barishal
- Itinerary (incl. dates and places of Mission / Visit(s) and Mode of Travel(s))** : Duty travel from Dhaka to Barishal by Road using IDC Microbus on 19 January 2022;
Conducting Awareness Training on 20 January 2022 at LGED Regional Training Centre Barishal;
Return to Dhaka from Barishal LGED on 21 January 2022
- Report Prepared By¹** : Md. Banda Hafiz with support of IDC team visited Barishal for Training Purpose
- Team Composition** : Md. Banda Hafiz, Training Specialist, CReLIC
Faruque Biswas, Knowledge Management Specialist, CReLIC
Nazmul Hakim, ICT Specialist, CReLIC
M A Rouf Akhand, Training Specialist (Online Learning & facilitation), CReLIC
Munawar Sohel, Organizational Development Specialist (Urban Planning & Management), CReLIC

Distribution:

- Director CReLIC, LGED
- Project Director CRIM-Project, LGED
- Team Leader, IDC - CReLIC
- Subproject file(s)
- Personal file

Attachments:

- Annex 1 – List of People Met**
- Annex 2 – Programme of Mission**
- Annex 3 – List of relevant documents**
- Annex 4 – Photo collage**

¹ If the mission/field visit was done in a team, it is sufficient to submit only one (1) BTOR on behalf of the team. Individual activities, observations and suggestions from each team-member should be reflected and consolidated.

1. Introduction

The CReLIC awareness training program has been developed and is being implemented for all class-I staff of LGED to disseminate CReLIC's objectives and deliverables. An e-survey was conducted and the findings from the e-survey was used to find the gaps of LGED engineers in the knowledge of climate change. The awareness training is conducted to improve awareness and knowledge of LGED engineers with regard to effects of climate change on LGED infrastructure. Topics covered in this training are i) Overview of the Climate Resilient Infrastructure Mainstreaming Project (CRIMP) and Climate Resilient Local Infrastructure Centre (CReLIC), ii) Introduction to Climate Change Science and Practice iii) Findings from Baseline Survey on Climate Change Knowledge of LGED Engineers iv) Introduction to Knowledge Management System (KMS), v) Overview of LGED's Standards, Procedures & Guidelines and vi) Introduction to Mainstreaming Climate Resilience within the LGED Structure . The awareness training will be conducted in all 8(eight) divisions. This is the 1st of a total of 8 trainings in eight divisions. A further 16 trainings will be conducted after the first eight trainings.

2. Activities Undertaken

In regard to the awareness training following activities were undertaken:

- Supporting the Regional Superintending Engineer's Office in organizing and managing the training (Setting up multimedia projector, internet connection etc.)
- Facilitating and acting as resource person for the training
- Ensuring the operation of Zoom for the inaugural session of the training
- Oversee the distribution of bag and training materials such as training manual, pad, pen etc.
- Oversee the distribution of snacks and lunch

3.- Observations / Findings:

- Seating arrangements for participants were made without providing any desk or table
- There was no Video-conferencing system
- Internet facility was not up to the mark

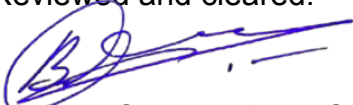
4.- Suggestions / Recommendations / Concluding Remarks:

- Uninterrupted internet facility should be ensured.
- Video conference system should be installed in RTC
- Seating arrangement should be made with desks/table
- The number of participants should be made 30 nos. so as to make training participatory and effective
- The capacity of multimedia projection system needs to be enhanced at least with three projectors and screens

Equipment to be procured by IDC:

- External 4G modems with SIMs – 2 Nos to ensure un -interrupted internet connection
- HDMI to VGA converter
- VGA Splitter 4 port
- HDMI Splitter 4 port
- Portable Webcam
- Portable wireless Speaker – 2 nos.
- Laser Pointer

Reviewed and cleared:



Bert van Ommen, TL IDC-CReLIC (13 February 2022)

Annex 1 – List of People Met:

Sl. No.	Name	Designation	Place(s) met	Date(s)	Remarks / Contact Details
1	Md. Abdur Rashid	SE, Barishal Region	SE Office Barishal Region	19-20 Jan 2022	01711333819
2	Bidhan Chandra Somadder	XEN, SE Office Barishal Region	SE Office Barishal Region	19-20 Jan 2022	01712739754
3	Md. Hafizur Rahman	SAE, XEN Office Barishal	SE Office Barishal Region	19-20 Jan 2022	

Photocopy of signed copy of list of participants is attached.

Government of The People's Republic of Bangladesh
Local Government Engineering Department
Climate Resilient Infrastructure Mainstreaming Project (CRIMP)
Climate Resilient Local Infrastructure Center (CRILIC)
Awareness Training on "Climate Science, CRIMP and CRILIC"

Venue : Barishal RTC

No. of Batch : 01

FY: 2021-2022

Date of Training: 20.01.2022

Category of Participant: Adl. CE, SE, XEN, Sr.AE, AE, UE and UAE

Attendance Sheet

Sl. No.	Name of Participants	Designation	Office Address	Mobile Number	Signature
1	Md. Nirul Huda	ACE Barishal Division	Barishal Division	01711666660	
2	Md. Abdur Rashid	SE, Barishal	Barishal Region	01711-333819	
3	Md. Anwar Hossain	SE, Patuakhali Region	Patuakhali Region Ltd	01711-317901	
4	Md. Ibrahim Khalil	XEN	Bhola	01749076743	
5	Skr. Anisul Islam	XEN	Barguna	01708123183	
6	Skr. Md. Zamar Uddin	XEN	Barishal	01211220530	
7	Md. Md. Rahmat-E-Khuda	XEN	Barishal Division	01716608086	
8	Md. Rahul Anon	XEN	Shalokathi	0121157538	
9	G. M. Shaha Buddia	XEN	patuakhali	01717750505	
10	Bidhan Chandra Somadger	XEN	Barishal Region	01712-73978	
11	Md. Zakaria Islam	XEN	Barishal Region	01714065648	
12	Md. Abdus Sattar	XEN	Peroospur	01715016810	
13	Supriya Mukherjee	XEN	Patuakhali region	01715256793	
14	MD Ali Imam Anika	AE (SSWRDP)	Barishal, XEN office	01729920168	
15	Md. Ziaul Islam	UE	Sadar, Barguna	01708161239	
16	Md. Raisul Islam	UE	Belagi, Barguna	01733790352	

Sl. No.	Name of Participants	Designation	Office Address	Mobile Number	Signature
17	MD. TANZILUR RAHMAN	UPazila Engineer	Muladi, Barishal	01887190082	
18	Chandan Kumar Choudhury	UPazila Engr.	Pathorghata, Barguna	01708161241	
19	Ahammad Ali	UE	Tattali, Barguna.	01708-161242	
20	Dipul Kumar Biswas	UE	Patharkhali Sadar	01729718840	
21	Md. Sultan Hossain	UE	Bauphal, Patharkhali	01711735081	
22	Md. Rashid Khan	Sr. AE	Bhola, L&ED	01711735103	
23	Md. Wajidur Rahman	UE	Gouramdi	01708161244	
24	Md. Mubtal Hossain	UE	Dashnama, Patharkhali	01716512661	
25	Md. Bari Amin	AE	Barishal XEN. Office	01715635830	
26	MIZANUR KHAN	UE	Rangabali, Patharkhali	01715043538	
27	MD. Nazim Uddin	UAE	Mehendiganj, Barishal	0152147829	
28	Md Nur Us Shams	Sr. AE.	Jhalokathi	01708161045	
29	Sukdev Biswas	UE	UPazila Engineering Office, Mita	01921075974	
30	Md. Zakir Hossain	UE	Nazirpur, Pirojpur.	01737979898	
31	Laila Mithun	UE	Indurkani, Pirojpur	01754-105895	
32	Mohammad Shaukat Hossain	AE	Office of AEE, Barisal	01715-521491	
33	MD. ARIFUL ISLAM	Sr. AE	Pirojpur	01716258020	
34	Azizur Rahman	Sr. AE	Patharkhali	01708-161048	
35	MD. Saiful Islam	UE	Bamna, Barisal.	01712253572	
36	Sheikh Ajir U. Rashid	UE	Uairpur	01718671646	
37	Md. Asiqueur Rahman	UE	Mirjaganj	01745706402	

Sl. No.	Name of Participants	Designation	Office Address	Mobile Number	Signature
38	ଅରାଧିତ ମହାପାତ୍ର	UE,	Pirojpur-Sadar	01735048756	
39	ବିନୟ କୁମାର ମହାପାତ୍ର	UE	Barishal - ୨	01708161213	
40	କେଶବ ମୋ: ପାଟଣାପୁର	Sn. AE	LGED, Barishal	01711219515	
41	ଅନୁଭବ ମହାପାତ୍ର	UE	Bamanipara	01752726272	
42	କିମ୍ବିନ୍ଦୁ କୁମାର	UE	Agailshava	01708161209	
43	ଆଶୁତୋଷ କୁମାର	UE	Bakerganj	01716053594	
44	ମୋ: ମୋନାଲ ମହାପାତ୍ର	UE	Razapur	01732775320	
45	ଏମ. ଜାହାଙ୍ଗିର ଆମୀନ	UE	Dumki, Patuakhali	01715-697481	
46	ଶ୍ରୀ.ମୋ: ବନଜାକାନ୍ତ	UE	Nalcity Jhalokati	01711288362	
47	ଆଶୁତୋଷ କୁମାର ମହାପାତ୍ର	UE	Ambali Barguna	01756585295	
48	କେଶବ ମୋ: ପାଟଣାପୁର	UE,	ପାଟଣାପୁର (ଅଫି: ୧୨)	01711219515	
49	ମହମ୍ମଦ ରାଜା	AE	ମୋକ୍ଷମୁଖ	01534953326	
50	କାଜି ଅନୁ କୁମାର ମୋ: ସୁଧାକର	UE	Northbania	01708161232	
51	କାଜି ଅନୁ କୁମାର ମୋ: ସୁଧାକର	AE	Barguna	01833082625	
52	ସୁଧୀର କୁମାର	AE	Jhalokathi	01829761769	
53	ଅରାଧିତ କୁମାର ମହାପାତ୍ର	AE	Bhda	01521442108	
54	କୋ: କେଶବ କୁମାର	AE	Patuakhali	01722160029	
55	ମୋ: ଅନୁ କୁମାର ମହାପାତ୍ର	UE	kawkhali, Pirojpur	01518390031	
56	ମୋ: ଅନୁ କୁମାର	UE	Bhandaria/ Pirojpur	01712118475	
57	ଅନୁ କୁମାର ମହାପାତ୍ର	UAE	Bamanipara Barishal	01728366305	
58	ମୋ: ଅନୁ କୁମାର	AE	Barisal xen office	01717270071	

Sl. No.	Name of Participants	Designation	Office Address	Mobile Number	Signature
59	MD. RAZU ALAM	AE	XEN OFFICE, BARISHAL	01614316022	
60	SAMIRAN MONDAL	AE	SE office Pahakhali	01743648433	
61	Md Istiak Hasan	AE	XEN office Jhalokathi	01744620810	
62	Md. Moidul Islam Khan	UE	Daulat Khan Bhola	01711423678	
63	Suman Moushi	AE	L&ED, Bhola	01716263063	
64	Subrata Roy	UE	Bhola Sadar Bhola	01751939901	
65	Shyamal Kumar Gain	UE	Borhanuddin Bhola	01710228845	
66	Md. Huznaie Ahmed	UE (Ad.ch)	Tejumuddin, Bhola	01878048134	
67	Kamruzzaman	AE (ACE office) IUIDP-2	Barisal	01717306082	
68	M.D. Roman Bwily	A.E (IPCP)	SE office Barishal	01733661920	
69	Nearj Moushed	AE (CADRIC)	SE office Barishal	01706882564	
70	Md. Jahangir Kazi	AE (SSSWRP)	XEN-office Jhalokathi	01720-648986	

Annex 2 – Programme of Mission

The IDC resource person team moved to the Barishal Regional Training Centre with the following mission to:

- Oversee and assist with the arrangement of training class
- Oversee, check and assist the Superintending Engineer's office Barishal for proper setting up of multimedia and projection system in the class room
- Act as a resource person for the training program
- Distribute the trainee-evaluation sheet among the participants and receive the completed form.
- Discuss with Executive Engineer, SE office regarding the status of different tasks in connection with the training and providing necessary support

Annex 3 – List of relevant documents

The lists of relevant documents are given below:

- Awareness training manual
- List of resource person
- List of participants
- Evaluation sheet
- Attendance sheet
- Six nos. of power point presentations for respective session
- Training program

Annex 4 – Photo Collage: Awareness training in RTC Barishal



Honourable Chief Engineer LGED, Sk. Md. Mohsin, Delivering the inaugural Speech as Chief Guest, Inaugurated the Awareness Training virtually on Zoom



Additional Chief Engineer LGED and Director CReLIC A.K.M Luthfur Rahman, Delivering speech as Special Guest in the inaugural session.



Presentation by Md. Jasim Uddin, PD CRIMP



Additional Chief Engineer LGED and Director CRILIC A.K.M Luthfur Rahman, is taking a class as a Resource Person



A view of the Participants attending the Awareness Training



Presentation on KMS

Annex 5- Details of the Training

- i. Venue of the Training:** LGED Regional Training Centre of Bashal was the venue of the training course.
- ii. Date of Training:** 20 January.
- iii. No. of participants invited:** 70 (Seventy Participants were invited to attend the awareness training course).

- iv. **No. of participant attended:** Total 70 (Seventy) participants attended the training course. The percentage of participants attended the training course is 100%
- v. **Number of Trainee-Days achieved:** The number of trainee-days achieved is 70
- vi. **Category of participants attended the training course:**

SLN	Designation	No. of Participants Attended
1	Additional Chief Engineer (Division)	1
2	Superintending Engineer (Region)	2
3	Executive Engineer (District)	6
4	Executive Engineer (Adl. CE office, Barishal Division)	1
5	Executive Engineer (Regional SE office)	3
6	Senior Assistant Engineer (Sr. AE)	5
7	Assistant Engineer (Adl. CE office, Barishal Division)	1
8	Assistant Engineer (Regional SE office)	1
9	Assistant Engineer (District XEN Office)	10
10	Upazila Engineer (UE)	33
11	Upazila Assistant Engineer (UAE)	2
12	Assistant Engineer, Project (Adl. CE, Regional SE and District XEN office)	5
Total		70

vii. **Budget:** 303442 BDT (Three Lac Three Thousand Four Hundred FortyTwo only)

viii. **Trainee Evaluation:** Just after completion of the training the reaction of the participants about the management, facilities and course contents were taken providing a trainee evaluation sheet to all participants. The responses received from the participants are delineated below:

A. Do you think that this training has improved your understanding on CRIMP, CReLIC and climate change issues?

- 67 participants opined that this training has improved their understanding on CRIMP, CRELIC and climate change issues
- 3 participants did not respond against this question

B. Please, provide your comments on the following aspects: (please tick)

Areas for Comments	Excellent	Very Good	Good	Average	Poor
Content of the Training Course	28	26	13	0	0
Time allocated for different topics	18	26	16	5	1
Trainers	34	17	12	3	0
Quality of presentation	21	25	16	5	0
Class room arrangement	32	21	7	5	2
Food and snacks	21	19	20	6	1

C. Provide below if you have any suggestion(s) for the improvement of the awareness training course.

- 13 (Thirteen) participants recommended to increase training duration and days without mentioning any specific duration and days
- 6 (Six) participants suggested to provide more relevant pictures in the presentation
- 5 (Five) participants opined that training should have two-way communication and more interaction
- 3 (Three) participants suggested to show video-clips on climate issues, construction materials and effect on infrastructure
- 10 (Ten) participants suggested to deliver more focused, specific and informative presentation
- 2 (Two) participants recommended for training on “Climate Proofing and Tools”
- 3 (three) Participants opined to provide real and practical example during discussion
- 4 (Four) participants suggested for engaging subject-matter experts in training
- 4 (Four) participants recommended for providing case study and group study in the training

D. Write the name of any further training(s) on the climate change issues which are needed to perform your job functions effectively and efficiently.

The participants of the awareness training propose the following trainings to enhance their capacity in the area of climate change and to perform their job effectively and efficiently.

Proposed Training Areas	No. of Respondent
Climate Resilient Design, Construction, Supervision, Maintenance	16
Climate change impact to global, infrastructure, hotspot & project level)	7
Climate data, information, features for field-use	5
Climate-friendly construction materials	4
Climate Change adaptation and mitigation tools	4
Bio-engineering and slope protection	3
Hands-on field visit and implementation course	3
Quality control/management, use of checklist	3
Vulnerability and/or Impact assessment	3
Knowledge management, use of system, apps	3
Climate change related rules, guidelines, procedures	3
Green Road and Building	3
Stakeholder management, Communication, Data collection	2
Climate change research and development	1
Causes of failure of infrastructures	1
Website presentation	1
Tender documentation preparation	1
Call center support	1
Mainstreaming of climate resilience in LGED	1
Climate change construction manual	1
Foreign Training	1