



Construction Development Board
join the Nation in wishing His
Majesty The Fourth Druk Gyalpo
Jigme Singye Wangchuck a
heartfelt 'Tashi Delek' on
receiving the 2022 Blue Planet



>>> Picture courtesy: The Asahi Glass Foundation

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Did You Know?

There are 2690 active Construction firms,
88 Consultants firms and 54 Specialized
firms as of June 30, 2022.

There are 215 active private Architects,
941 private Engineers, 8 private
surveyors and 272 specialized trade as
of June 30, 2022.



Employability Skills for Engineers

The Construction Development Board (CDB) in coordination with MoLHR & DNP funded through SDP, MoLHR intended to induct engineers to the construction industry with the primary objective to address and ensure construction quality and at the same time generate employment. The change in the evaluation criteria for procurement of work which will come into effect from 1st July 2022 requires the contractors to employ graduate engineers trained and certified in CIRR, e-GP, CMS and OHS for the large works. The contractors who employ graduate engineers certified in the aforementioned training will score additional points in the technical stage of evaluation.

The training on “Employability Skills for Engineers” comprises of 4 modules as follows:

1. Construction Industry Rules and Regulations (CIRR);
2. Electronic Government Procurement (e-GP);
3. Construction Manager Software (CMS);
4. Occupational Health & Safety (OHS) and
5. First Aid by JDWRH.



Thimphu - 16th – 20th April
Male 29 and Female 16
Total 45

Gelephu – 19th – 23rd April
Male 15 and Female 7
Total 22

Thimphu - 25th – 26th April
Male 28 and Female 8
Total 36

Thimphu – 3rd – 7th May
Male 21 and Female 6
Total 27

Mongar - 16th – 20th May
Male 6 and Female 6
Total 12

Thimphu – 9th – 24th June
Male 49 and Female 18
Total 67

Female 79 Male 173

Total 252 Engineers
Trained

Construction Safety Supervisor Training



In an effort to develop capacity in the Construction Industry in terms of Occupational Health and Safety, the Construction Safety Supervisor training was developed.

The training will aim to generate competent Construction Safety Supervisors, who will be expected to implement basic safety measures at the site at a supervisory capacity.



➤➤➤ 16th – 20th May Trongsa
Total 21

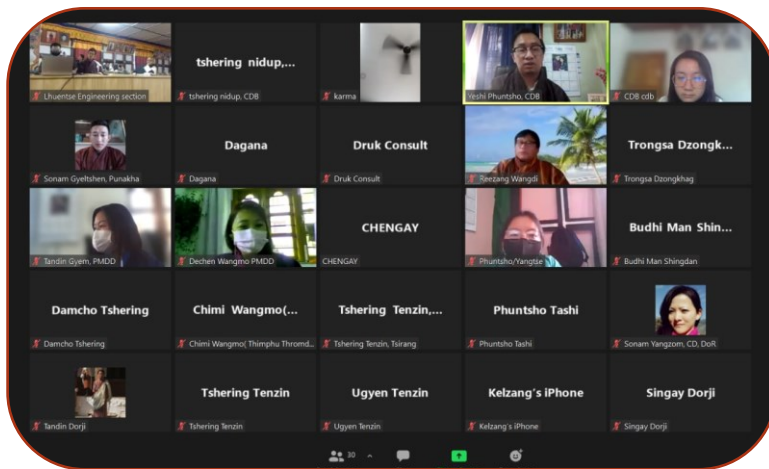
20th – 25th May Tsirang
Total 24

22nd – 26th May Mongar
Total 24

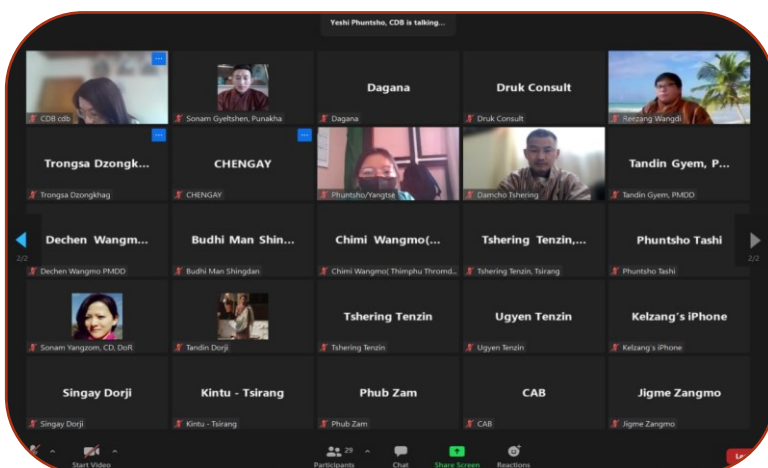
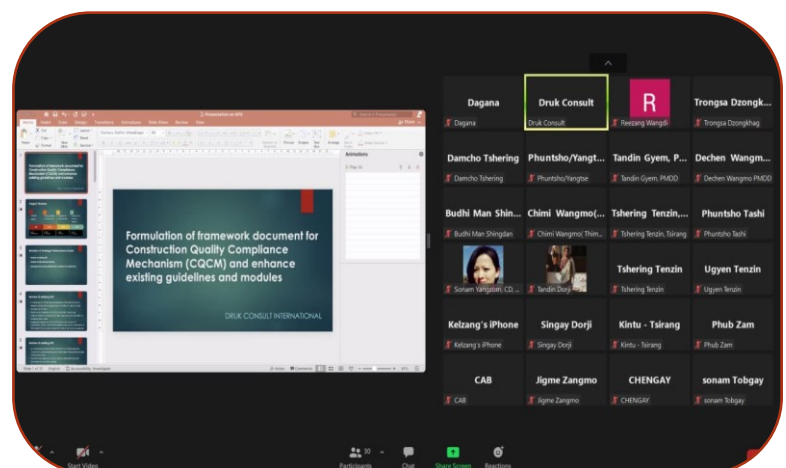
➤➤➤ 28th May – 1st June Trashigang
Total 21

6th – 10th June
Total 24

Virtual Consultative workshop on Construction Quality Compliance Mechanism



The Construction Development Board (CDB) with funding from the World Bank hired a consultant “Druk Consult International” to draft a framework of Construction Quality Compliance Mechanism (CQCM) in Construction Industry.



The CQCM is a comprehensive document drafted with an objective to ensure that the construction projects meet specified quality standards, guide stakeholders and parties on their roles and responsibilities in project quality documentation and process. Additionally, to enhance monitoring and integration of quality audit in the construction processes and set rules and regulations for the compliance to the mechanism in the Construction Bill.

Virtual Refresher Course for Contractors

The Construction Development Board in pursuit of enhancing professionalism in construction industry conducted virtual mandatory training (pegged with renewal of CDB Registration Certificate) for contractors.

The training is a 3-day program for large and medium class contractors and 2-day program for small class contractors.

25th – 27th April

Large & Medium Class – 30

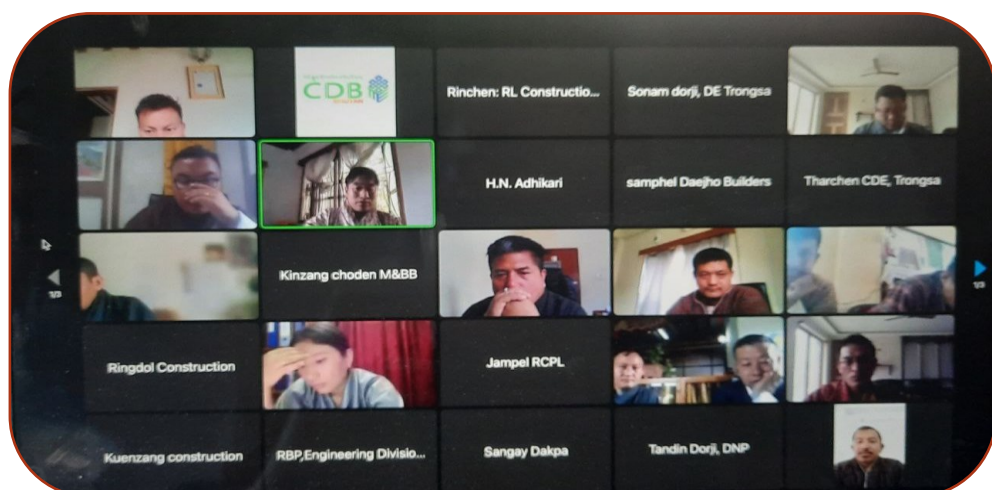
28th – 29th April

Small Class – 65

3rd – 4th May

Small Class - 66

Virtual stakeholder consultation for draft CDA Rules and Regulations



The Construction Development Authority Rules and Regulations was drafted as delegated legislation for Construction Bill (Act) by M/s U.C Associates: Bhutan Law Office (Consultant) with funding from the World Bank. The draft brings together all guidelines and legal instruments under implementation by CDB thus far.

To harmonize the draft with Construction Bill, regulatory and developmental mandates/functions are revised in keeping with latest developments in construction industry,

MONITORING



Monitoring of ongoing construction sites in Thimphu to check the deployment of committed resources and other construction managerial requirements at the construction sites.



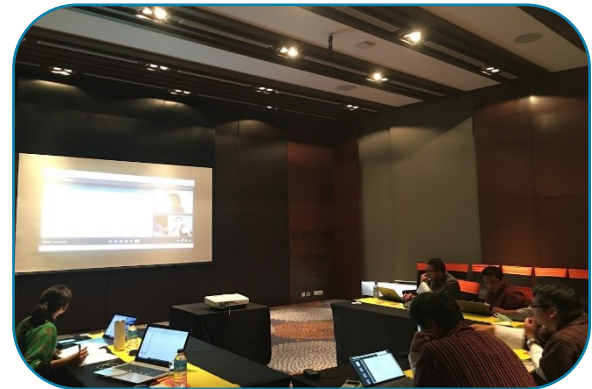
Registration of Certified Builders

The institutionalization of Certified Builders is being developed by a multi-agency taskforce under the Chairmanship of the Hon'ble Zhabtog Lyonpo.

The Certified builders is to cater to the private Buildings construction works to bring about specialization, mechanization and resource optimization in construction activities and finally achieving the objective of affordable housing in the future.

Multi-sectoral taskforce composition:

1. Hon'ble Zhabtog Lyonpo
2. Sonam Yangdhen, Chief Engineer, MoWHS
3. Dechen Norbu, Chief Engineer, MoWHS
4. Tashi Phuntsho, Chief Engineer, Thimphu Thromde
5. Wangda Dorji, Dy. Chief Urban Planner, MoWHS
6. Tshering Nidup, Engineer, CDB
7. Pema Rabgay, SPO, MoWHS
8. Tshering Lhamo, SPO, MoWHS



CDB Bids Farewell

CDB bid farewell to **Mr. Yeshey Lotay**, Chief CSD on his voluntary resignation from Civil Service.

The CDB family wishes him success in his future endeavors and convey our sincere gratitude to him for rendering 16 years of service with utmost dedication and sincerity to the Tsa-Wa-Sum.



Statistics of CDB Services

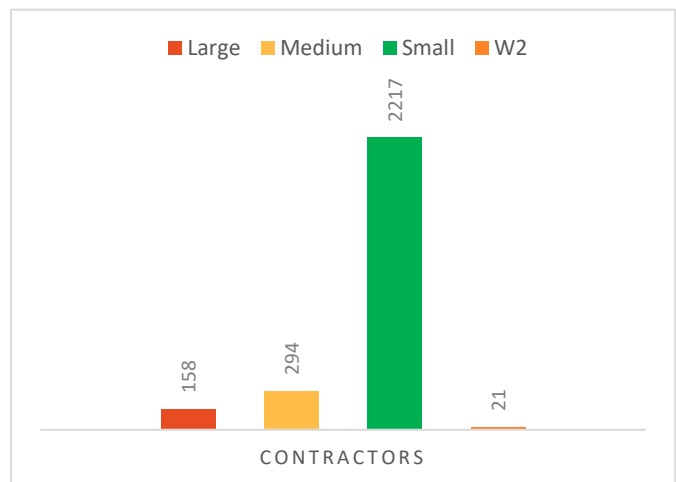
Revenue Collection:

April ~ Nu. 17,58,000.00

May ~ Nu. 17,14,400.00

June ~ Nu. 5,92,100.00

Total: 40,64,500.00



**Total Bhutanese Construction firms
(Large/Medium/small) incorporated as companies**

174

De-Registered Construction Firms

March -

19

April -

15

May -

-13

Specialized Firms

54

Architects

303

Consultants Firms

88

Engineers

1058

Specialized Trade

272

Non- Bhutanese Construction firms

13

Note: the above data are as of June 30, 2022

Consultancy Firms

Minimum mandatory Human Resources required

Architectural Services

Description	A1	A2	A3
Architect (Degree & above)	1*	1*	1*
Total	1	1	1

Civil Engineering Services

Description	C1	C2	C3	C4	C5	C6	C7
Degree Engineer (Civil)	1*	-	-	1*	-	-	1
Degree Engineer (Geo Tech)	-	1	-	-	-	-	-
Degree (SS/Env.)	-	-	1	-	-	-	-
Diploma (Civil)	-	-	-	-	1*	1*	-
Total	1	1	1	1	1	1	1

Electrical Services

Description	E1	E2	E3	E4	E5	E6	E7
Degree Engineer (Civil)	1*	1*	-	-	-	-	-
Degree Engineer (Electrical)	1*	1*	1 ²	1 ²	1 ³	1 ³	-
Degree Engineer (Mechanical)	1*	1*	-	-	-	-	-
Degree (Hydrologist)	1*	1*	-	-	-	-	-
Diploma (Civil)	-	-	1*	1*	1 ²	1 ²	-
Diploma (Electrical)	-	-	-	-	-	-	1
Total	4	4	2	2	2	2	1

Surveying Services

Description	S1	S2	S3	S4	S5	S6	S7
Professional (specialization)	-	-	-	1*	1*	1*	-
Diploma (Cadastral Surveyor)	2	-	-	-	-	-	-
Diploma (specialization)	-	1*	1*	-	-	-	1
Certificate (specialization)	-	1*	1*	-	-	-	-
Total	2	2	2	1	1	1	1

Minimum Mandatory Equipment & Facilities Required

Description	S1	S2	S3	S4	S5	S6	S7
Total Station (3 sec or better)	1*	-	-	-	-	-	-
Total Station (5 sec or better)	-	1	-	-	-	-	-
GNSS/RTK: 1 set	1*	1	-	-	-	-	-
Levelling instrument	-	1	-	-	-	-	-
Bathymetric Survey Instrument	-	-	1	-	-	-	-
Survey Grade GNSS	-	-	-	4	-	-	-
Precision Levelling instrument	-	-	-	1	-	-	-
Licensed GNSS Data Processing & adjustment Software	-	-	-	1	-	-	-
DPWS	-	-	-	-	1	-	-
Licensed Photogrammetric software	-	-	-	-	1	-	-
Established collimator	-	-	-	-	-	-	1
Total	1	3	1	6	2	0	1

Note: *minimum only

Specialized Firms

Description	NC3	NC2
SF1 - Masonry	1	1
SF2 - Construction Carpentry	1	2
SF3 - Plumbing	1	1
SF4 - Electrical	1	1
SF5 - Welding & Fabrication	-	2
SF6 - Painting	Certificate from relevant institutions or similar work experience certificate	

Contractor Firms

Minimum mandatory Human Resources required: LARGE CLASS

Description	W1	W2	W3	W4
Manager	1*	1*	1*	1*
Degree Engineer	1 (C)*	-	1 (C)*	1 (E)*
Diploma Engineer	2 (C)*	-	2 (C)*	1 (E)*
Accountant	1*	-	1*	1*
Site Supervisor	2*	-	2*	2
Total	7	1	7	6

Minimum mandatory Equipment's required: LARGE CLASS

Description	W1	W2	W3	W4
Excavator/Payloader	1	-	1	1
Road roller	1	-	-	-
Truck	1	-	1	1
Air Compressor	1	-	1	1
¹ Survey equipment's	1*	-	1*	1*
Concrete mixer	-	-	1	1
Vibrator	-	-	1	1
Crane Truck	-	-	-	1
Steel Shuttering set (sft)	-	-	5000	-
Water pump/multi-meter	-	-	-	1
Meggar	-	-	-	1
Max puller	-	-	-	1

Minimum mandatory Human Resources required: MEDIUM CLASS

Description	W1	W2	W3	W4
Manager	1*	1*	1*	1*
Diploma Engineer	1 (C)*	-	1 (C)*	-
Site Supervisor	1*	-	1*	1*
Total	3	1	3	2

Minimum mandatory Equipment's required: MEDIUM CLASS

Description	W1	W2	W3	W4
Truck	1*	-	1*	1*
² Survey equipment's	1*	-	1*	1*
Concrete mixer	1*	-	1*	-
Vibrator	1*	-	1*	-
Steel Shuttering set (sft)	-	-	2000	-
Water pump/multi-meter	-	-	-	1
Meggar	-	-	-	1

Minimum mandatory Human Resources required: SMALL CLASS

Description	W1	W2	W3	W4
Site Supervisor	1*	1*	1*	1*
Total	1	1	1	1

Note: C-Civil E-Electrical *minimum only ¹Total Station ²Leveling machine

