



ANNUAL REPORT 2022-2023

**Bhutan Construction and Transport Authority
Ministry of Infrastructure & Transport**

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Foreword

The Bhutan Construction and Transport Authority was formed in December 2022 after the civil service reform and transformation exercise; merging the erstwhile Road Safety & Transport Authority and Construction Development Board. The Bhutan Construction and Transport Authority is both the Regulatory and Service Delivery agency that works towards ensuring the safety of road users & construction workers through strict compliance, monitoring and efficient public service delivery. The mandates of the organization are strongly guided by the core values of Integrity, Professionalism and Humility. The last financial year was indeed fulfilling and accomplishing one for the Authority with numerous achievements and systemic changes.

On the revenue front, the total revenue increased from Nu. 568.162 million (online and offline payment services-Transport & Construction) in 2021-2022 to Nu.850.747684 million (online and offline payment services) in 2022-2023. This is an increase by more than 33.2 percent.

Considering the importance of efficient public service delivery, the Authority instituted various initiatives to improve public service delivery. The opening of a CD account with the Bank of Bhutan for BCTA which will facilitate payment through QR scan (cashless transaction) is one of the best examples of such initiatives in addition to the several other initiatives already in place.

The Authority will continue to innovate and streamlining service delivery and setting higher standards for *safe, reliable and efficient* surface transport and quality construction in the country.

Director

Introduction

This is the first Annual Report (2023) after the formation of Bhutan Construction and Transport Authority (BCTA). BCTA was formed by merging the regulatory functions of the Department of Roads, Road Safety and Transport Authority and the Construction Development Board under the Ministry of Infrastructure and Transport (MoIT) on 30th December, 2022.

The report provides a summary of major achievements in the last fiscal year (FY 2022-2023). The progress and achievements in the report is supported by data and figures.

Vision

"To be a professional organization in saving lives and enhancing livelihoods through Safe, reliable, resilient and efficient construction and surface transport sector in the country"

Mission

Promotion and enhancement of safety, reliability and efficiency of the surface transport system in the country through enhanced professionalism and accountability.

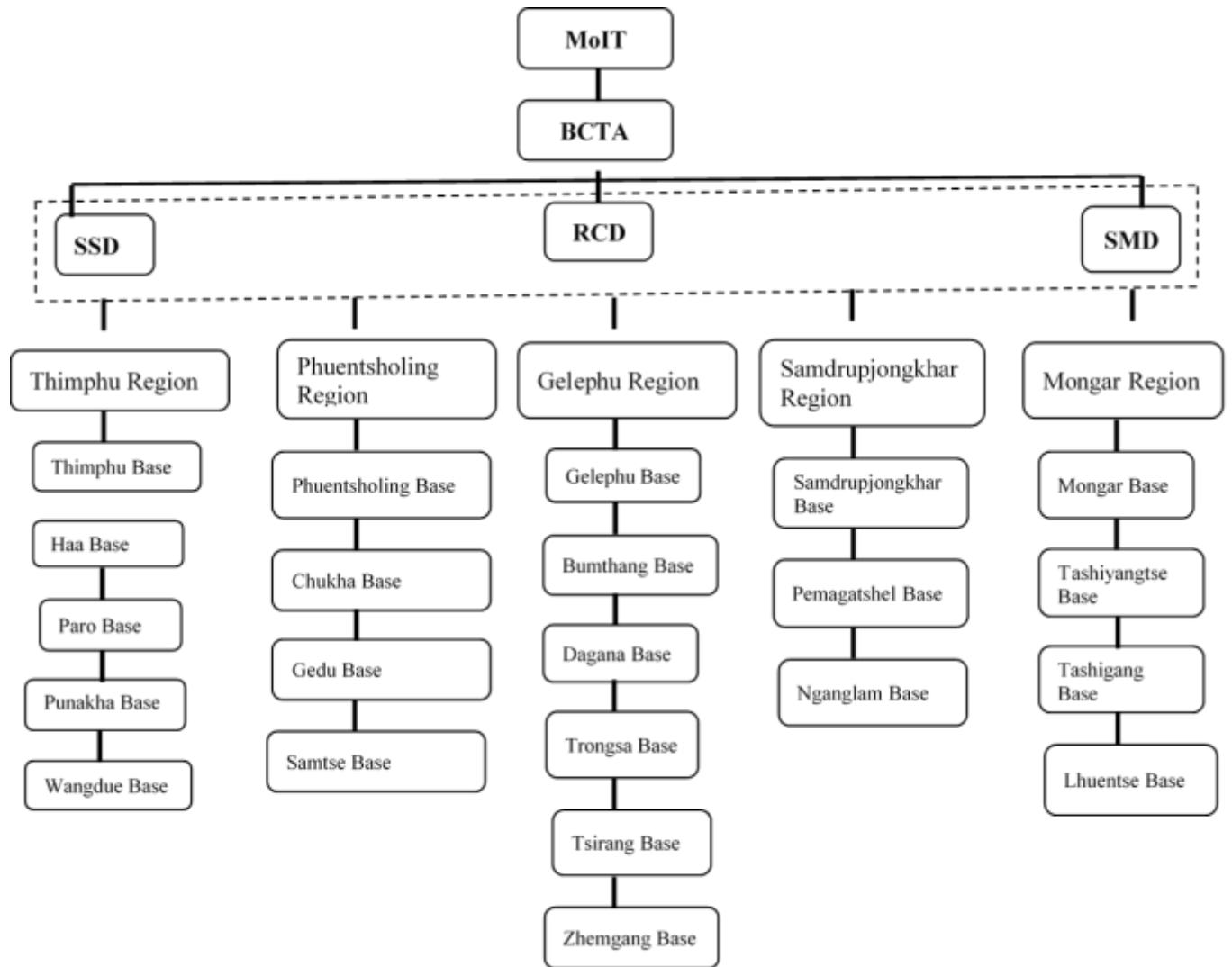
Development and promotion of a safe, efficient and resilient construction sector through effective regulation, enhanced professionalism and accountability.

Core Values

The Bhutan Construction and Transport Authority is driven by the following core values:

1. Integrity,
2. Professionalism, and
3. Humility

Organogram of BCTA



Mandate of the BCTA

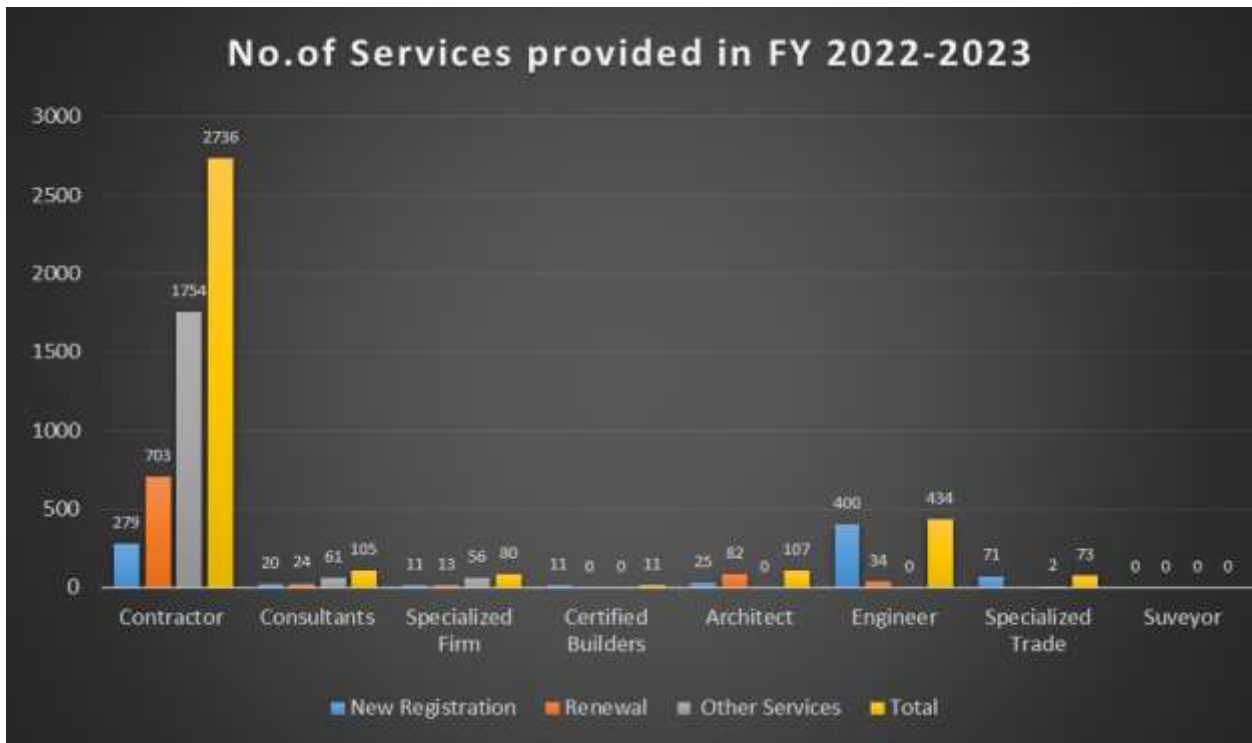
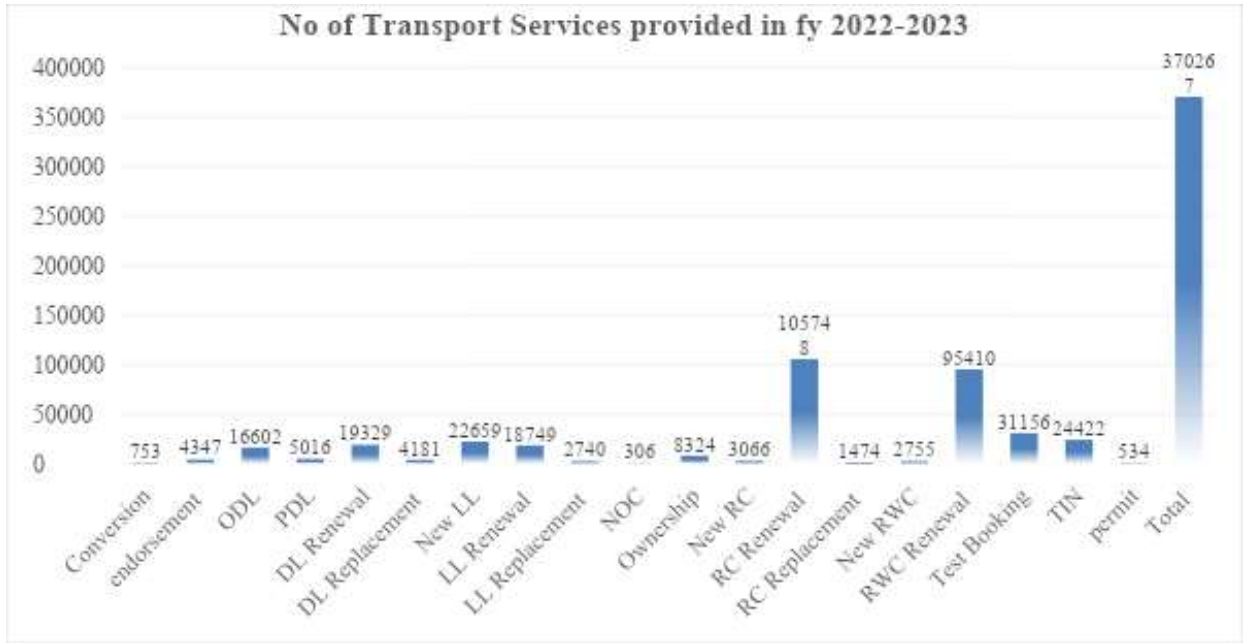
The BCTA performs following primary functions:

- Develop, review and update rules and regulations on matters concerning safety and public services of construction and surface transport sector;
- Regulate and enforce safety and professional standards in the construction and surface transport sector;
- Adopt guidelines and standard operating procedures relating to the safety of construction and surface transport sector;
- Improvement of service delivery and institutional coordination by strengthening institutional mechanisms;
- Undertake compliance auditing for safety and quality of construction and surface transport sector including spatial planning;
- Review and set fees, charges and fares as may be necessary for services provided by the Authority or other service providers;
- Develop specifications, safety and professional standards for construction and surface transport sector;
- Undertake research and development in construction and surface transport sector

Major achievements

Service Delivery

In total, BCTA provides 26 services, 18 services related to transport and 8 services related to construction. Of the total, 11 services related to transport can be availed online and all the services related to construction are available online. During the financial year 2022-2023, BCTA provided a total of 370267 services relating to transport. Of these services, 238599 were provided offline while 131668 services were provided online. While on the construction front, 7092 services were provided.



Further, to promote cashless transactions and to improve convenience of the service avaielaers, the authority introduced QR Code scan payment facilities in all the Regional and Base Transport Offices of BCTA.

In effort to take the services to the people, BTCA also carried out service camps at various places where there are no BCTA Offices as follows:

1. Thimphu Regional Office- for Gasa, Phobjikha & Sombaykha Drungkhag.

2. Phuentsholing Regional office-for Gomtu & LhamoiDzingkha
3. Gelephu Regional office-for Panbang Drungkha.
4. Samdrupjongkhar Regional-for Samdrupcholing and Jomotshangkha Drungkhas.
5. Mongar regional- for Merak & Warmrong.



Service camp at Merak



Service camp at Gasa |



Service camp at LhamoiDzingkha



Sevice camp at Samdrupcholing

Public Transport Services

Public transport service is one of the key mobility options for the general public. As of June 30, 2023, there were 318 heavy and 54 medium buses registered with the authority. Of the total registered buses, 165 are scheduled passenger transport service buses.



In the financial year 2022-2023, a total of 34 new passenger transport routes were awarded and 6 bus route extension were approved by the Authority as in the table below:

SI #	Transport Service Name	Operator name	Route	
			From	To
1	JD Transport	Jigme Dakpa	Mongar	Sjongkhar (Via Nganglam)
2	SP Transport	Sangay Penjore	Toedtso (Tyangtse)	Thimphu
3	Tiger Transport	Kinzang Chophel	Lhuentse	Thimphu
4	SP Transport	Sangay Penjore	Wamrong	Thimphu
5	Migmar Transport	Migmar Dorji	Lhuentse	Thimphu
6	Norbu Transport	Norbu Wangdi	Mongar	Thimphu
7		Migmar Dorji	Lhuentse	Pling
8	Gakeling Transport	Gawa Chogyel	Tshenkharla (Tyangtse)	Thimphu
9		Rinzin Choda	Mongar	Thimphu
10	Bhutan Transport	Sonam Gyeltshen	Gelephu	Samdrupcholing
11		Sonam Gyeltshen	Gelephu	Jomtshangkha
12	Druk Dragon Transport	Damcho Tshering	Umling	Thimphu
13	Lotey Transport	Changala	Dagapela	Phuentsholing via L/zingkha
14	M.B Transport	Mon Bdr. Mongar	Tsirang	Phuentsholing Via L/Zingkha
15	Tamang Transport		Dagapela	Phuentsholing via L/zingkha
16	Khorlo Transport	Dophu	Samdrup Jongkhar	Thimphu via Pling
17	Pema Jamtsho Transport	Pema Jamtsho	Samdrup Jongkhar	Pemathang (Samdrupcholing)
18	Pema Jamtsho Transport	Pema Jamtsho	Samdrup Jongkhar	Gelephu

19	Pema Jamtsho Transport	Pema Jamtsho	Samdrup Choling(Bhangtar)	Phuentsholing via Samdrup Jongkhar
20	Tamang Transport	Kul Bahadur Tamang	Thimphu	Dagana(Nimtola)
21	Khorlo Transport	Dophu	Thimphu	Samdrup Jongkhar
22	Khorlo Transport	Dophu	Nganglam	Thimphu
23	Zhongar Transport	Thinley Mo	Thimphu	Lhuentse
24	Tobgyel Transport	Tobgyel	Thimphu	Trashigang(Wamrong)
25	Sangay Penjor Transport	Sangay Penjor	Thimphu	Trashigang(Wamrong)
26	Druk Dragon Transport	Damcho Tshering	Thimphu	Zhemgang
27	Pelyab Transport	Sangay Dorji	Thimphu	Paro
28	Rinzin Transport	Rinzin Sherpa	Thimphu	Dagana (Karmaling)
29	Bumpa Transport	Doti	Thimphu	Samdrup Jongkhar(Jomotshangkha)
30	Bumthang Transport	Gaylay Namgay	Thimphu	Pemagatshel
31	Ama Transport	Bijay Kumar	Dagana(LhamoiDzingkha)	Dagana(Dzongda Dara)
32	Norphel Transport	Yeshe Chogyel	Thimphu	Lhuentse(Autsho)
33	Karmaling Transport	Rinzin Sherpa	Phuentsholing	Karmaling
34	Bumpa Transport	Doti	Phuentsholing	Jomotshangkha

List of route extension approval for the FY 2022-2023

SI #	Transport Name	Operator name	Route		Remarks
			From	To	
1	Norphel Transport Service	Yeshe Chogyel	Thimphu	Trashigang (Phongmey)	Extension of existing Thimphu-Tashigang bus service till Phomey
2	Druk Dragon Transport	Damcho Tshering	Thimphu	Zhemgang(Khom sar)	Extension of existing Thimphu-Buli bus service till Khomshar
3	Seryna Transport Service	Wangdi Dorji	Thimphu	Trongsa(Samcholing)	Extension of existing Thimphu-Kuengarabten bus service till Samcholing
4	Norphel Transport Service	Yeshe Chogyel	Thimphu	Tashigang(Bartsham)	Extension of existing Thimphu-Khaling bus service till Bartsham via Bidung
5	Metto Transport Service	Karma Nidup	Thimphu	Trashiyangtse (Tshenkharla)	Extension of existing Thimphu-Trashiyangtse bus service till Tshenkharla via Doksum
6	Khorlo Transport Service	Dophu	Thimphu	Trashigang(Phomey)	Extension of existing Thimphu-Trashigang bus service till Phongmey

During the financial year 2022-2023, passenger transport services carried over 0.7 million passengers which increased from 0.267 million in the previous financial year.

Public Transport Infrastructure

1. Haa Bus Terminal

The bus terminal at Haa Dzongkhag was operationalized with effect from 27th February, 2023. It was constructed by the Haa Dzongkhag Administration under the Common Minimum Infrastructure (CMI) Scheme of the 12th FYP and handed over to BCTA.



Haa Base Office |

2. Tsirang Bus Terminal

The bus terminal at Tsirang was operationalized with effect from 12th May, 2023. It was constructed by the Tsirang Dzongkhag Administration under the Common Minimum Infrastructure (CMI) Scheme of the 12th FYP and handed over to BCTA.



Tsirang Base Office

Road Safety Awareness and Education

To enhance & promote road safety among the road users and general public, the authority undertook the theme-based awareness campaign on following themes:

1. The dangers of *Drink-driving*
2. *Unlicensed driving* and its negative effects.
3. *Speed driving* is fatal.
4. *Use of mobile phones while driving* is a risky behavior.
5. *Use of substance abuse while driving* is a fatal mistake.

A total of 8667 people were covered under the above programs in different regions as detailed below:

Region	No. of candidates
Thimphu	2503
Phuentsholing	2097
Gelephu	2042
Samdrupjongkhar	1774
Mongar	251
Total	8667



Officials carrying out Theme Based Highway Inspection as well as advocacy

Induction and Refresher course for Contractors

To promote a robust and vibrant construction industry, a mandatory Refresher Course and Induction Course for new aspiring contractors were conducted. This program is targeted in enhancing the professional capacity of contractors, in pursuit of promoting an efficient, effective, quality-based construction industry, contributing to healthy and competitive growth. The Induction Course for aspiring contractors is a one-day program. The mandatory Refresher Course is a three days program for large and medium class Contractors and two days program for small class contractors. In the year 2022-2023, a total of 504 new Contractors were oriented in construction related subjects. Of the total participants, 164 Contractors attended the program virtually as indicated in the table below:

Period	Target Participants	Nos. of participants	Venue
28 th November 2022 to 2 nd December 2022.	New Contractors	340	Thimphu
4 th April 2023	New Contractors	164	Virtual



Induction course at Thimphu, NRDCL Conference Hall

Mandatory Refresher course

The mandatory refresher course for construction firms was conducted in the month of September, 2022. A total of 132 participants attended the three day virtual program.

Period	Target Participants.	No.of Participants
19th September-22nd September 2022.	Large, Medium and Small	132

Drug Test

1. Ad-hoc drug test

The total number of ad-hoc drug test conducted by respective regional offices for the professional driving license holders are tabulated below:

Region	No. of candidates
Thimphu	265
Phuentsholing	80
Gelephu	394
Samdrupjongkhar	369
Mongar	212
Total	1320

2. Nationwide drug test in collaboration with the PEMA Secretariat and Royal Bhutan Police

Road Traffic Accidents (RTAs)

The reduction of annual road crashes remains a major challenge for the Authority. Despite concerted efforts of the authority to reduce the number of road traffic accidents, there has been an increase in the number of road traffic accidents, death and injury during the financial year 2022-2023 compared to the preceding year. The road crash fatality rate for the financial year 2022-2023 stood at 6.3 persons per 10,000 vehicles.

Procurement of Road Safety Equipment

To enhance the enforcement capacity of the authority, following road safety equipment were procured and utilized. .

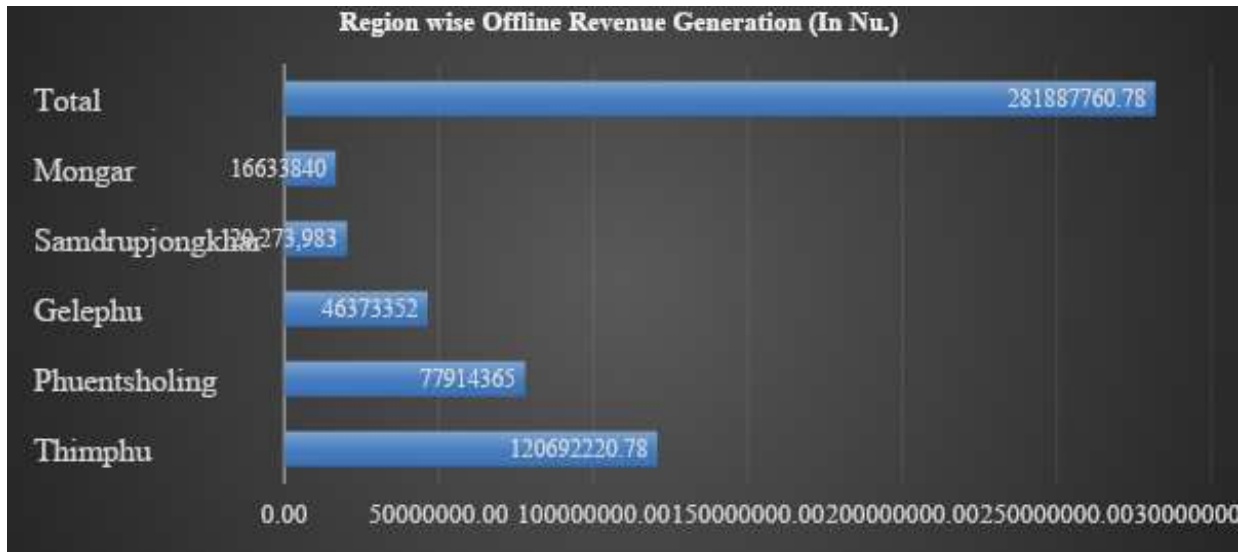
Sl#	Item
1	Speed Radar Display Board
2	Speed Radar Gun
3	Alcohol Testing Machine with printer
4	Traffic Cone with Base
5	Reflective Jacket
6	CCTV Camera
7	Headlight Aligner
8	Digital Window Tint Meter
9	Brake Fluid Tester with Printer
10	Quick Alcohol Testing Machine with printer
11	Communication Handsets
12	Portable Emission Testing Machine (Petrol)
13	Portable Emission Testing Machine (Diesel)
14	Vehicle Noise Measurement Device

Statistical overview

Revenue Generation

As part of our efficient public services to the general public, the Bhutan Construction and Transport Authority has collected 850.747684 million during the financial year from the various services that it provides in the surface transport and construction sector through offline & online services.

Transport sector in specific has generated a sum of Nu. 281.8877608 million from the various services that it provides in the surface transport sector through offline services. The highest revenue was generated by the Thimphu regional office with Nu.120.692 Million while the least was recorded with the Mongar regional office with 16.63 million.

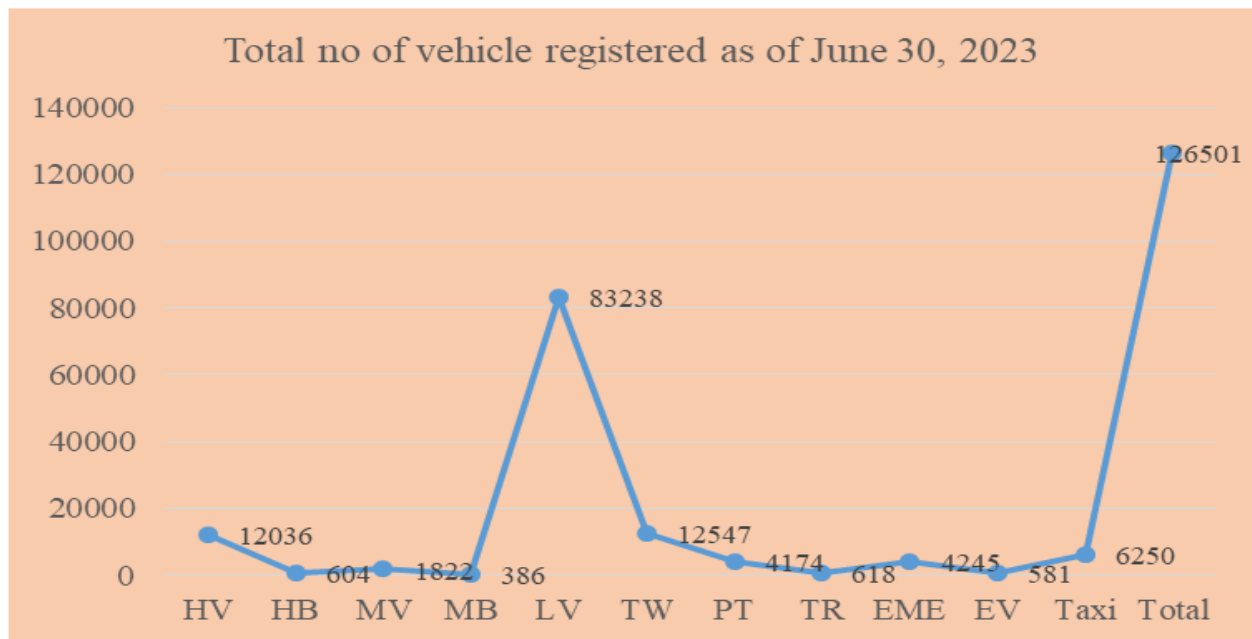


In addition to the normal offline services, the Authority emphasized on improving the efficiency of online services through the introduction of QR Scan payment system in collaboration with Royal Monetary Authority, G2C services and financial institutions. The Authority has generated Nu. 277.2615119 million through online payment services compared to the total amount of Nu. 158.735 million in the last financial year. Of the total online revenue, Nu. 559.1492727 million and Nu. 14.3369 million is collected from the transport and construction sector respectively.



Motor Vehicle Statistics

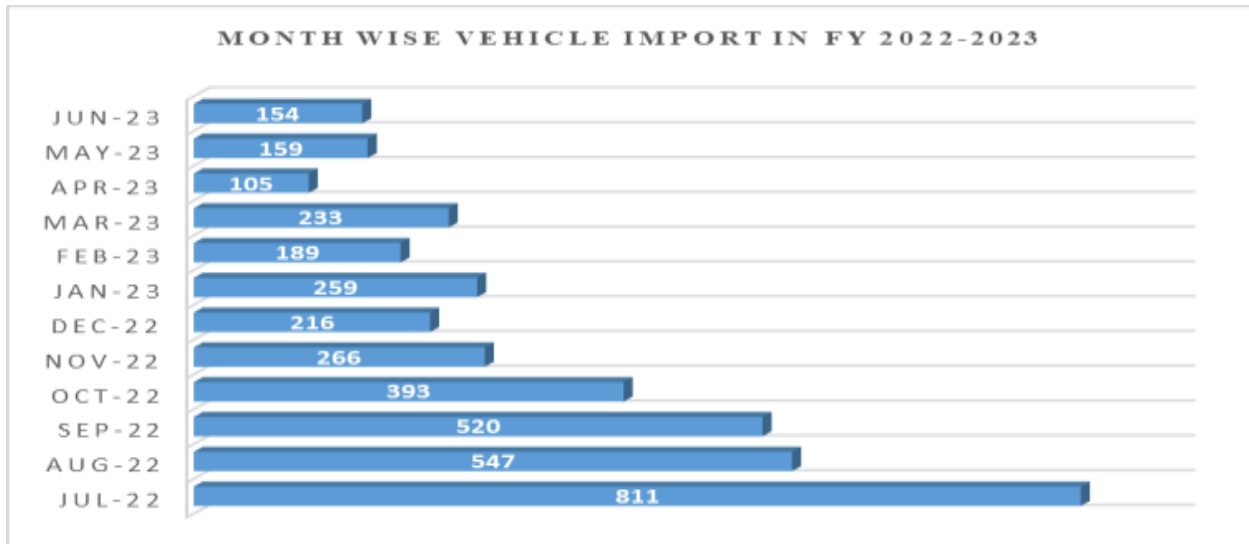
There are a total of 126,501 registered motor vehicles in Bhutan as of June 30, 2023. Out of the total registered vehicles, 65.8% constitute light vehicles followed by 9.7% of heavy vehicles and 1.4% of medium vehicles. The distribution of vehicles registered by type is indicated in the graph below.



New vehicle registration

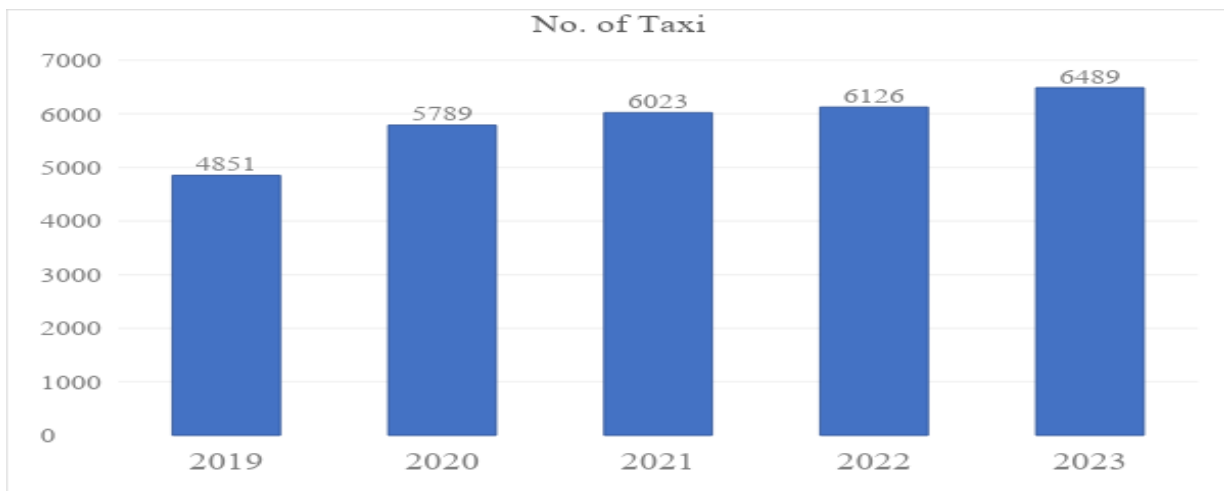
A total of 3,852 new vehicles were registered by the Authority in the financial year 2022-2023 which was a decrease by around 58.7 percent from the total new registration of 9,331 vehicles in the year 2021-22. The

decrease in vehicle import may be attributed to the vehicle moratorium put in place by the government since 19 August 2022.



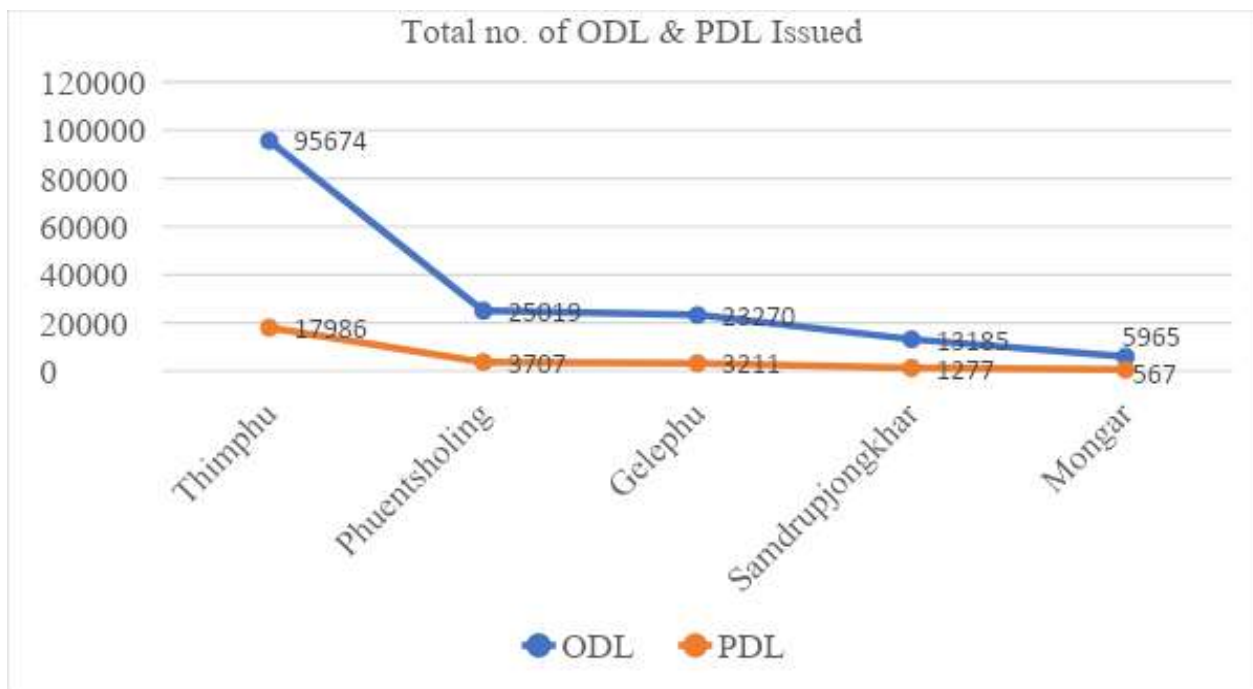
Taxi Registration

The number of taxis in the country has been on a constant rise. Starting in 2019, the total number of taxis in the country is recorded at 6489 as of June, 2023.



Driving License Statistics

There are 189861 driving license holders in the country as of June 2023. Of the total, 26748 are professional driving license holders and 163113 are ordinary driving license holders.



Contractor Registration Trends



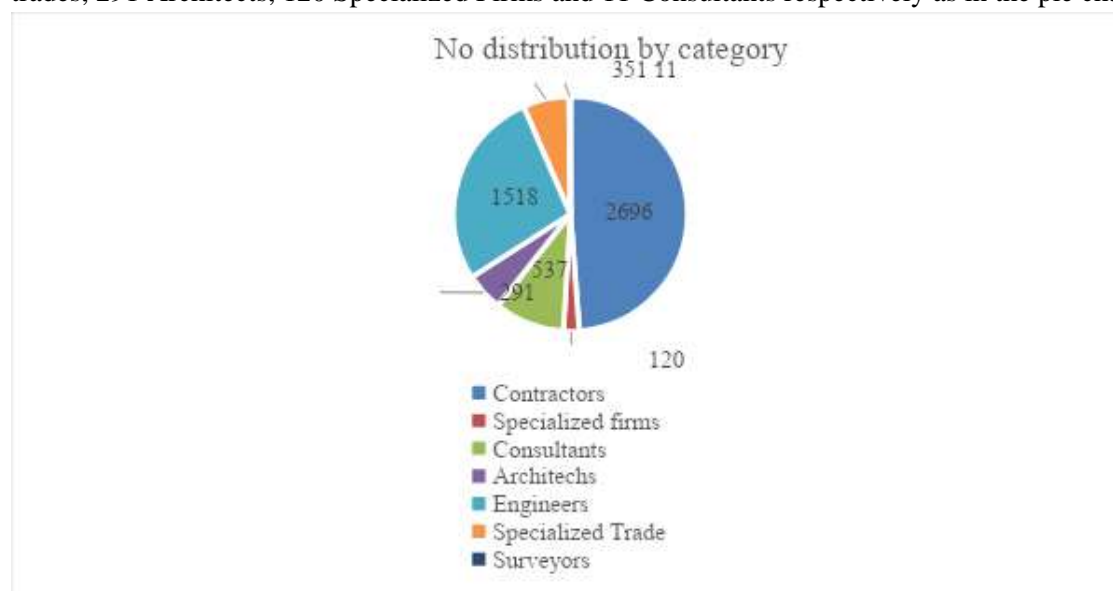
The financial year witnessed an increase in the contractors registration. A total of 2696 contractors have been registered in that particular financial year compared to 2690 in the previous year. The highest registration was recorded in Thimphu Dzongkhag with a total registration of 424 contractors followed by Chukha Dzongkhag with 226 registration. The least was registered in Gasa with a record of 38 contractors only (*refer table below*).

Dzongkhag wise Contractor Classification (new registration)

Dzongkhag	Large	Medium	Small	Registered	Total
Bumthang	2	9	55	0	66
Chukha	19	30	177	0	226
Dagana	1	3	125	0	129

Gasa	0	1	37	0	38
Haa	1	7	64	0	72
Lhuentse	2	9	60	1	72
Mongar	2	24	110	1	137
Paro	12	23	124	2	161
Pemagatshel	4	13	76	1	94
Punakha	4	14	79	1	98
Samdrup Jongkhar	5	15	105	0	125
Samtse	5	13	145	0	163
Sarpang	13	20	134	0	167
Thimphu	66	63	286	9	424
Trashigang	11	23	174	5	213
Trashiyangtse	5	14	100	1	120
Trongsa	1	7	79	0	87
Tsirang	2	4	87	0	93
Wangduephodrang	4	16	80	3	103
Zhemgang	3	8	96	1	108
Total	162	316	2193	25	2696

As per the distribution by category, 2696 are Contractors, while 1518 consist of Engineers, 351 specialized trades, 291 Architects, 120 Specialized Firms and 11 Consultants respectively as in the pie chart below.



Monitoring

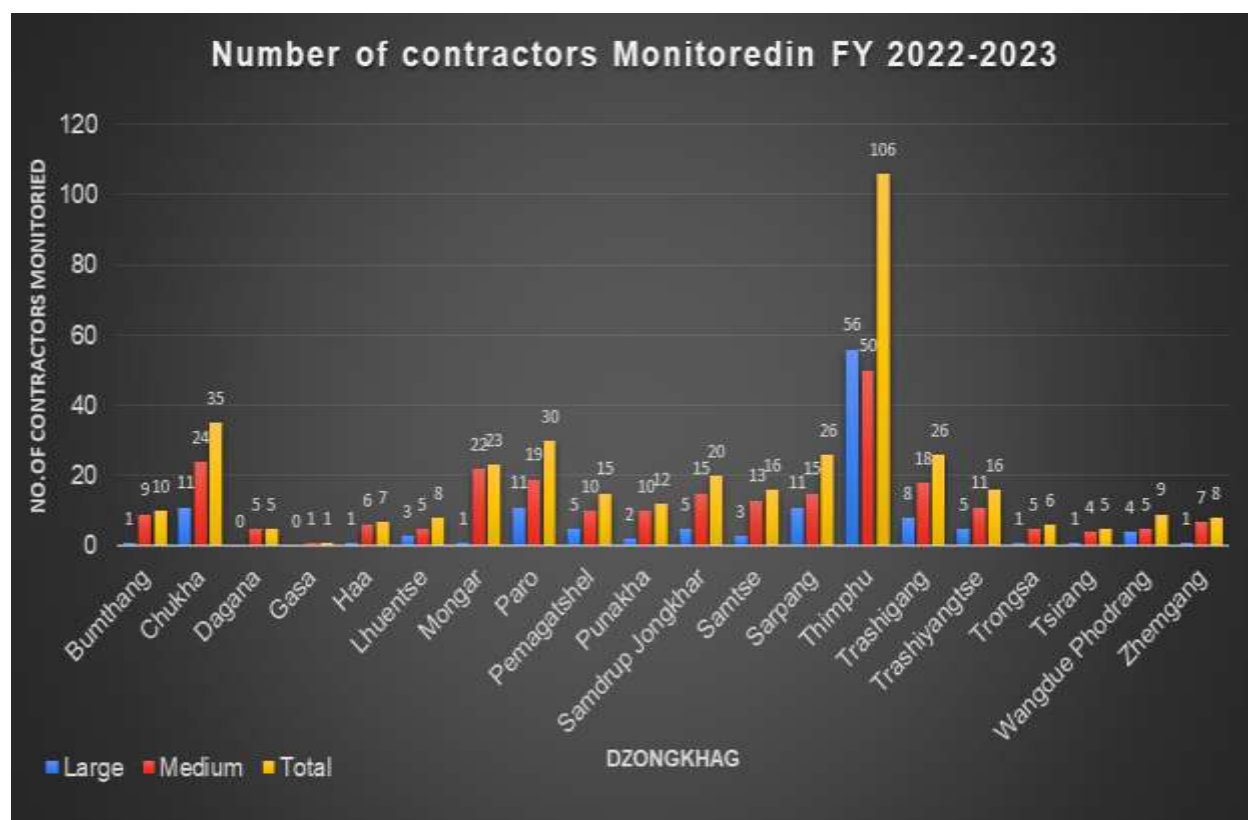
As an overseer of the construction industry, a key area for the development of construction is through CDB's mandate to regulate the construction industry through compliance monitoring. Compliance monitoring ensures that construction firms are professional and conduct their commitments to projects and

client’s requirements as well as fulfill minimum requirements according to class and category. Construction firms are strategically and regularly monitored for the compliance of registration commitments.

Depending on the category and class of contractors, the requirements are cross checked and verified. In case of defaulters, relevant actions including downgrading, suspension and other regulatory measures are taken according to the monitoring guidelines and the decision of the monitoring committee, Construction Development Board.

Office Establishment Monitoring of the Contractors

Office Establishment Monitoring comprises monitoring of contractor’s office set-up, human resources and registration requirements. All large and medium class contractors are obligated to maintain office setup in their registered Dzongkhags and employ human resources as committed during registration/renewal. Administrative actions including downgrading to lower class/category and suspension are taken upon non-compliance. In the last financial year, BCTA has monitored 130 Large and 254 Medium Class Contractor Offices. Based on the monitoring result, 24 & 29 contractors have been downgraded and suspended respectively.

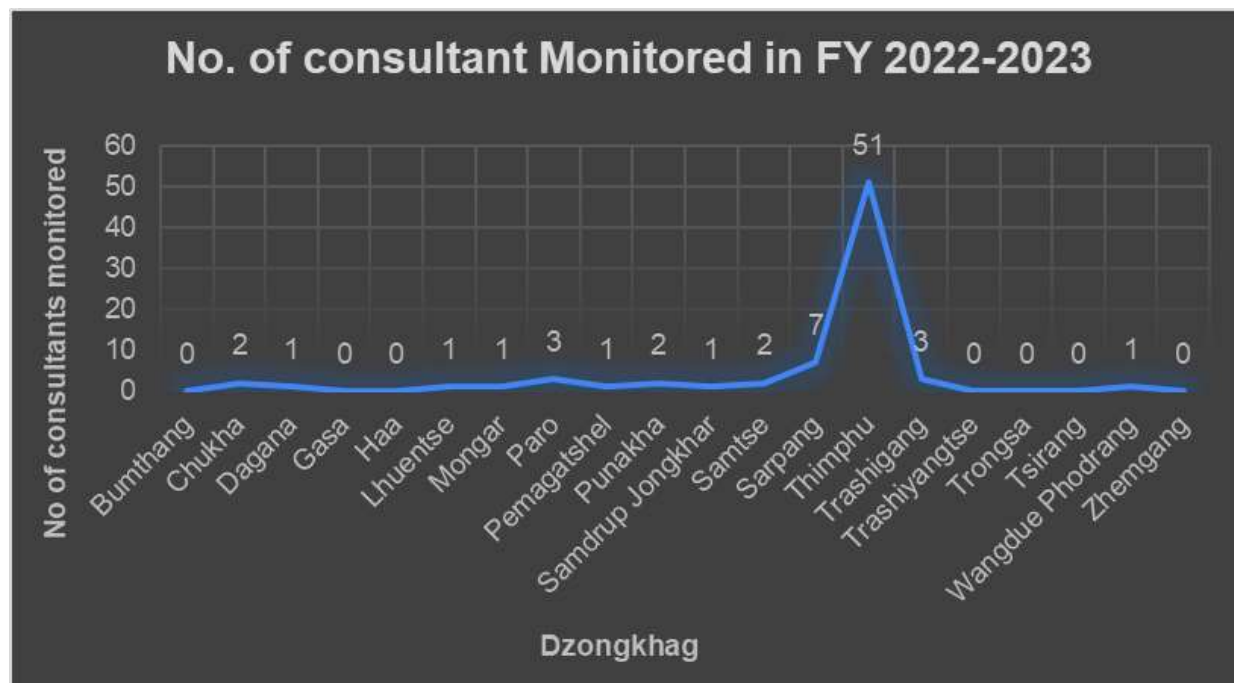


Administrative actions taken as per Monitoring Guideline 2020.

Description	Downgraded	Suspension
No of Contractors	24	29
Total	53	

Consultant Monitoring

Similarly, consultants have also been monitored and action taken thereto. A total of three consultant service has been cancelled while 10 has been suspended for non-compliance.



Administrative actions taken as per Monitoring Guideline 2020.

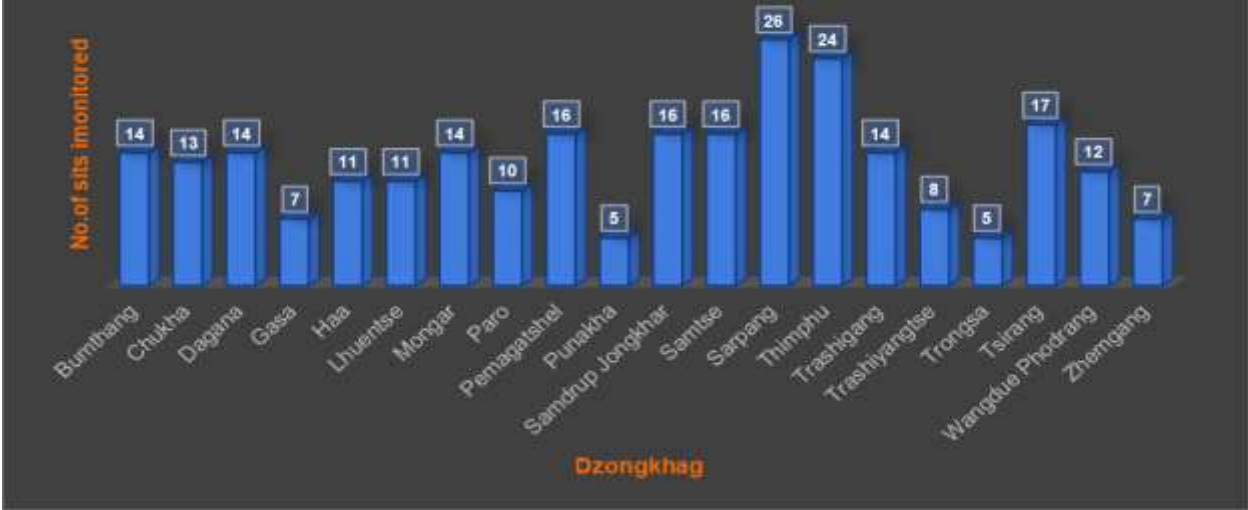
Description	Service Cancelled	Suspension
No of Consultant	3	10
Total	13	

Ongoing Site Monitoring

The Bhutan Construction & Transport Authority, in its effort to strive to achieve professionalism of construction firms and due diligence in the construction project management process, carry out annual monitoring of ongoing Construction sites across the country.

With the current human resource, the monitoring team has monitored 260 ongoing sites out of works awarded through e-Tool. The 260 sites in different parts of the country are indicated in the graph below.

NO OF ONGOING SITES MONITORED IN FY 2022-2023



Ongoing Sites monitoring

Tashi Delek.