

2020-21

Annual Report



DIRECTORATE OF URBAN LAND TRANSPORT

Urban Development Department,
Government of Karnataka



shaping the way cities move

Introduction

The Directorate of Urban Land Transport (DULT) has been set up by the Government of Karnataka (GoK) under the Urban Development Department (UDD) with the objective to coordinate planning and implementation of Urban Transport projects and programs. Karnataka is the only state in India to have an exclusive Directorate of Urban Land Transport (DULT). The Directorate has been set up in 2007 by the State Government close on the heels of the National Urban Transport Policy (NUTP) coming into force, to coordinate the urban transport matters in the State.

The Directorate is responsible for overseeing all the urban land transport initiatives in Urban/ Local Planning Areas of Karnataka and administering the State Urban Transport Fund (SUTF). For the first time qualified personnel trained in Urban Transport Policy were inducted into the government system.

Mandate

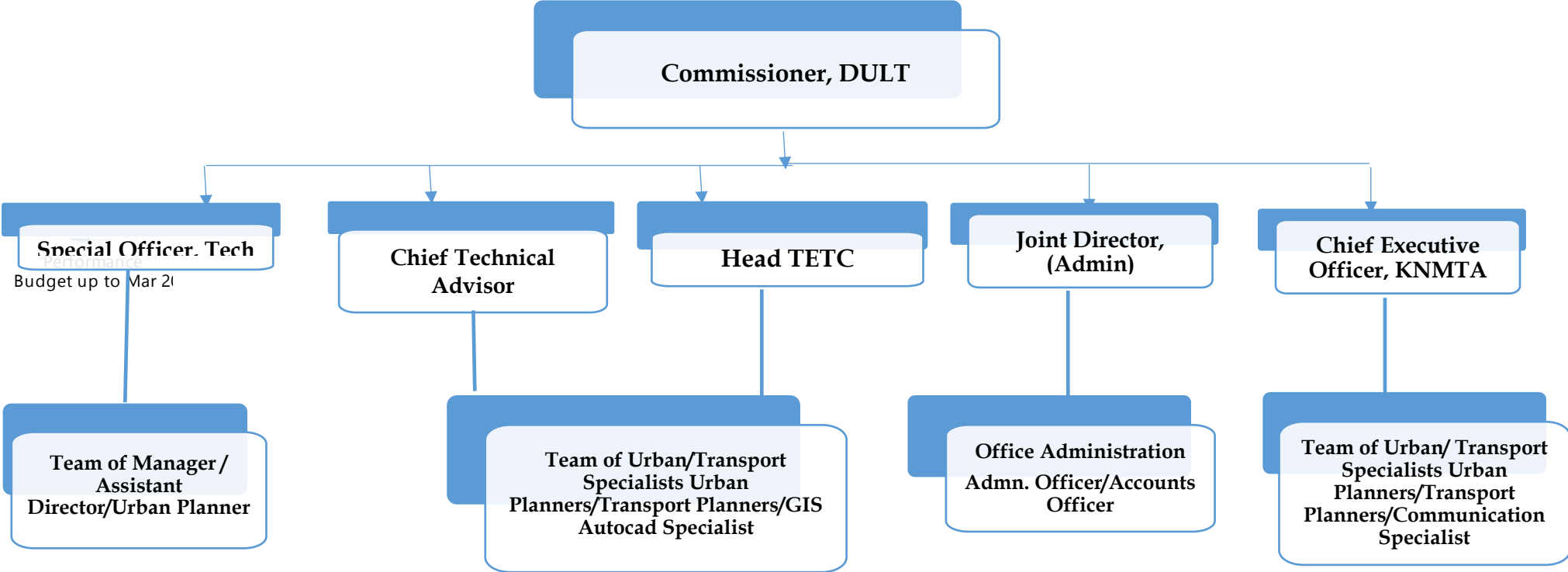
DULT has the following functions:

- Comprehensive planning through preparation of mobility plans.
- Providing technical assistance to agencies regarding traffic management etc.
- Planning and hand-holding the implementation of non-motorized transport (NMT) projects.
- Financial assistance under State Urban Transport Fund for popularizing pedestrian/ non-motorised NMT transports.
- Conduct of studies to evaluate Transportation Infrastructure facilities.
- To jointly work with various organisations such as Urban Transport Sector/ Educational Institution/concerned NGO's in the formulation of transport system projects.
- Capacity building through workshops etc.
- Policy formulation on urban transport issues.



Since its inception, the Directorate has implemented several initiatives including service level bench marking in Bangalore; preparation of policies on parking; preparation of mobility plans for various cities in Karnataka; feasibility studies for mass transit systems etc. It is also working in tandem with BBMP, the city corporation of Bangalore and other city corporations on Non-motorized Transport (NMT) initiatives. The Directorate has also spearheaded the implementation of Bus Rapid Transit (BRT) system between the twin cities of Hubballi and Dharwad, Public Bicycle Sharing (PBS) System in Mysore and Bengaluru, Cycle Day Initiative across Bangalore City as part of its awareness and community outreach initiatives to promote sustainable transportation.

DULT – ORGANIZATION CHART



1. During the year 2020-21 and for the last three years the actual expenditure under the seven HoA's are detailed below. All these schemes are continued as ongoing schemes.

Details of expenditure during 2020-21 and in the last three years under schemes of DULT.

(Rs. In Crores)

Sl. No.	Head of Account	Actuals			2020-21	
		2017-18	2018-19	2019-20	R.E	Expenditure
1.	Directorate of Urban Land Transport 2217-80-001-1-05	7.67	7.61	5.02	8.40	5.62
2.	State Urban Transport Fund 4217-60-800-6-01	74.72	81.38	58.51	30.00	30.00
3.	State Urban Transport Fund 2217-05-800-0-06	1.00	0.996	0.53	1.00	0.43
4.	Hubli-Dharwad BRTS Project 4217-60-800-0-01	329.00	-	44.00	-	-
5.	Compensation for cash loss of Hubballi- Dharwad BRTS corridor operation 2217-05-800-0-14	-	-	-	20.00	20.00
6.	Public Bicycle Sharing System 4217-60-800-0-03	-	5.00	7.5	0.00	0.00
7.	Bengaluru Suburban Rail Project 4217-60-800-0-04	80.00	-	145.64	100.00	100.00
	Total	492.39	94.986	261.20	159.40	156.05

2. Hubli-Dharwad BRTS Project:

The Directorate is responsible for overall monitoring and supervision of Hubli-Dharwad, Bus Rapid Transit Project (HD-BRTS) which is the first BRTS in Karnataka.

The Bus Rapid Transit System (BRTS) is a dedicated public transport system implemented in the twin cities of Hubli & Dharwad. It is intended to provide high quality, low and high density passenger movement at a low cost urban mobility. The BRTS corridor length is 22.25 km which includes segregated bus ways with central bus lanes and median bus stops, trunk and feeder system; accessible and comfortable bus stations in the level boarding and external ticketing. This corridor is a closed system i.e no other vehicle except BRTS buses will be allowed in the corridor. Infra includes construction of 33 bus shelters, 3 bus depots, 1 workshop, 2 terminals and intelligent traffic system. 72.29 acres of land is acquired. 95% of the project has been completed and trail run of BRTS operation has started in October 2018 and has received good response from commuters travelling between this twin cities. A total number of 100 buses are operating in this route with a frequency of 3-4 minutes and around 85,000 commuters are travelling every day. Currently the fare of non A.C buses is adopted for BRTS AC buses. His Excellency Vice President, Government of India has dedicated the project to the nation on 02.02.2020.

The estimated total project cost is revised to 970.87 Crores of which assistance from World Bank is 344.00 Crores. Up-till now an amount of Rs. 929.00 Crores has been utilized. Additional fund requirement Rs. 41.87 crores based on revised project cost has been requested from State Government.



Combined View of MTL and BRT Lane at Uncal



Median Bus Stand



View of Navanagar Grade Separator Hubli end



Bus Depot

3. Public Bicycle Sharing (PBS) in Bengaluru

The bicycle sharing system in Bengaluru is a dock-less model, where multiple private bicycle sharing operators will offer their services in various parts of the city. The cycles can be located and unlocked using a mobile phone application provided by the service provider and the user will be charged based on the duration of usage.

In its first phase, DULT has identified over 271 bicycle parking locations in a closely spaced network across areas like HSR Layout, Koramangala, Indiranagar, CBD, Vidhana Soudha etc. and at all the Namma Metro stations (40 nos). Presently there are over 2300 cycles available to the public. The bicycles are provided and operated presently by M/s. Yulu. The system is being expanded to cover entire Bengaluru city.

The PBS will be handled by the newly formed society, called Karnataka Non-Motorized Transport Agency (KNMTA) The Government of Karnataka has initially allocated an amount of Rs. 80.18 crore for the implementation of the PBS system in Bengaluru. 50% of this amount will be met out from State Urban Transport Fund (SUTF) and the balance 50% of grants will be earmarked from the budget allocation. Grants of Rs. 12.50 Crores has been released from the State Budget and Rs. 17.38 crores are released under SUTF to KNMTA Society for implementation. B.B.M.P has awarded the contract for construction of 273 hubs. For the year 2020-21 no allocation has been provided in the R.E.



4. Bengaluru Suburban Rail Project

The Directorate is coordinating for the development of Suburban Rail Network connecting in Bangalore.

- I. GoK has accorded approval for phase- wise implementation of Bengaluru Suburban Rail System on a joint venture with Ministry of Railways at a cost of Rs. 345 crores. Memorandum of Understanding (MoU) was signed by the State Government with Ministry of Railways on 16.01.2017 to take up conversion of 15 pairs of conventional trains to MEMU services and augmenting MEMU maintenance facilities at Banaswadi on 80:20 cost sharing pattern between Government of Karnataka and Ministry of Railways respectively. So far 27 units of MEMU rakes are procured and converted 12 pair of sub-urban trains, besides augmentation of maintenance facility also has been completed at Banaswadi. An amount of Rs.245.64 crores released to SWR towards GoK share.
- II. South Western Railways had identified priority projects that are to be implemented through Special Purpose Vehicle (SPV). Accordingly, GoK has sanctioned the identified projects worth Rs.1745 Crores of Doubling, Electrification, Automatic Signaling and Procurement of Rakes to be implemented by SPV. Execution of two doubling of track works at Baiyappanahalli-Hosur (48 kms) and Yeshwanthpur – Channasandra (21.7 kms.) have been commenced at a revised cost of Rs. 812.83 Crores on 50:50 cost sharing between GoK and MoR.
- III. In order to increase the mode share of public transport, more than one viable public transport option has to be provided. In this background, Government of Karnataka vide its G.O. No. UDD 27 PRJ 2020 Bengaluru Dated 07.07.2020 approved the implementation of sub urban rail project for Bengaluru with an estimated completion cost of Rs. 15,767 Crores to be executed through a Special Purpose Vehicle.

The salient features of the Bengaluru Suburban project are as follows: The project covers 4 corridors with a total route length of 148.17 Kms. and 62 no. of stations. Details are as follows:

- i. Corridor -1: Bengaluru – Devanahalli, length is 41.40 Kms and 15 stations.
- ii. Corridor-2: Baiyyappanahalli - Chikkabanavara length is 25.01 Kms and 14 no. of stations.
- iii. Corridor-3: Kengeri-Whitefield, length is 35.52 Kms and 14 no. of stations.
- iv. Corridor -4: Heelalige-Rajanakunte, length is 46.24 Kms and 19 no. of stations.

- v. Rail Infrastructure Development Corporation- Karnataka (K-RIDE) which is State Joint Venture Company of MoR and GoK, will be implementing the Bengaluru Sub-Urban Rail Project.
- IV. GoI has accorded approval on 07.10.2020 for the above project to be implemented through joint venture company K-RIDE. During the year 2020-21 a revised allocation of Rs. 100 Crores is provided in the budget for the implementation of Bengaluru Sub-Urban Rail Project. The entire amount of Rs. 100.00 Crores has been released to K-RIDE by GoK.

5. State Urban Transport Fund:

The State Urban Transport Fund has been leveraged to promote DULT's mandate. It includes assistance provided for introduction of Public Transport System in cities of Karnataka, assistance for construction of Transit Infrastructure in cities, implementation of Cycle Tracks in the neighbourhoods of Bangalore, passenger information for TTMCs in Bangalore etc. During the year 2020-21, 43 ongoing projects/schemes are in progress, of which 13 new projects for providing assistance are approved and 14 projects are completed, which include projects on augmentation of buses, construction of bus infrastructure facilities, footpath improvements, cycling infrastructures, etc. Entire allocation of Rs. 30.00 crores are utilized for providing financial assistance to various urban transport projects. Details of fund utilization during 2020-21 are given in the table below.

(Rs. In Crores)

Sl. No.	Agency	Total number of the projects	Cost of projects	Amount sanctioned under SUTF	Amount released till date
1.	KSRTC	13	205.06	72.40	18.44
2.	NWKRTC	13	93.44	47.57	30.90
3.	NEKRTC	9	85.54	39.89	20.78
4.	BMTC	5	185.15	82.95	75.84
5.	HDBRTS CITY LEVEL FUND	-	3.50	3.50	3.50
6.	SCHEME FUNDS (GREEN LINKS + PBS BANG+ SuMA)	3	130.18	90.09	80.38
	TOTAL	43	702.87	336.40	229.84



City Bus Terminal Ballari



City Bus Terminal at Bidar



City Bus Terminal at Hubballi



Bus Depot at Sindhanoor

6. Green Links Programme of NMT Projects in District Headquarters:

Directorate of Urban Land Transport has formulated “Green Links” programme to take up non-motorised transport projects and District Headquarters in the State for planning, design, funding and implementation in collaboration with the local ULBs. Under this program, at the start of every financial year, KNMTA shall invite proposals from ULB’s, Government Agencies/Statutory Bodies for availing financial assistance for development of NMT infrastructure in ULBs. The activities would involve improvement of pedestrian and cycling infrastructure in important areas of central business area or active commercial corridors. Full pedestrianization of locations around heritage monuments, city core areas, market street etc., will also be taken up.

Guidelines for identification of projects under this programme is finalized. Proposals are invited from concerned ULB’s to propose stretches of road up to 5 km that meets the guidelines framed for the programme. Accordingly, proposals from Urban Local Bodies of Bellary, Tumkur, Hassan and Gadag-Betageri are received for development of footpaths/cycle path in the respective City Business Divisions. Based on these proposals and the guidelines of the programme, concept reports were prepared by DULT and handed over to these Urban Local Bodies for preparation and submission of

Detailed Project Reports. The actual implementation of the projects is likely to commence from April 2021. In the meantime proposals are invited from other Urban Local Bodies to avail the financial assistance under this programme.

7. SUSTAINABLE MOBILITY ACCORDS (SuMA) 2020-2021

DULT is implementing Cycle Day 2.0 in a revised format called SuMA by engaging the community in achieving certain outcomes for the neighborhood in a specified timeframe. This engagement is proposed to be achieved through 'sustainable Mobility Accords (SuMA)' with communities and it is to be implemented through Karnataka Non-Motorized Transport Agency (KNMTA), a State Government Society registered under DULT.

SuMA is envisioned to achieve the following objectives:

1. To engage the community through residential associations, prominent community leaders, people's representatives at the neighbourhood level to further spread awareness on the benefits of sustainable modes of transport like walking, cycling and public transport.
2. To support community to formulate specific goals and action plans for transforming itself into a sustainable neighborhood, by providing necessary support in the form of capacity building, assistance for improving safe access to schools, safe walking routes in the neighborhood, improvement of public spaces; support for community bicycle sharing projects and bicycle clinics and learning centres/ kiosks, and implementation of certain tactical interventions including but not limited to installation of cycle stands, setting up pop up of bicycle lanes etc.,

DULT has invited applications for this competition from the registered RWAs/Societies/Trusts/ Section 8 Companies in September 2020. Out of the 20 applicants from different neighbourhoods across the Bangalore, nine RWAs/ NGOs (SuMA Partners) were chosen by a panel consisting of officials from DULT, IISc, WRI etc.

8. Development of Projects:

The following development of projects have been taken up by Directorate of Urban Land Transport during 2020-21.

1. Preparation of designs for IMTH at 3 locations in Bengaluru.
2. Preparation of zonal Area Parking Plans for Bengaluru
3. Design of Bus Priority Lanes on Outer Ring Road and selected stretches of N.H Roads in Bengaluru
4. Design of Bus Priority Lanes in Kalburgi and Vijayapura.

5. Design development & technical assistance for implementation of cycle lanes on ORR, Bengaluru
6. Design for Redevelopment of Gandhi Bazaar road as a pedestrian only road.

9. BMLTA

DULT has formulated draft Bangalore Metropolitan Land Transport Authority (BMLTA) Bill. BMLTA will function as an umbrella organization to co-ordinate planning and implementation of urban transport programmes and projects and provide an integrated management structure.

Benefits from setting up of BMLTA:

- Facilitate integrated planning and management of urban transport.
- Facilitate multi-modal integration of transport services.
- Facilitate co-ordinate land transport matters in metropolitan region.
- Facilitate rational fare structures.
- Function as empowered committee for all Urban Transportation Projects.
- Facilitate research, studies and awareness.



Key Urban Transport Functions:

- Preparation of CMP, integration with land use plan, common ticketing, multimodal integration etc.
- Lack of unified and comprehensive planning because of multiplicity of transport agencies.
- Existing functions of agencies like route planning, fare fixation, licensing etc. will be regularised / rationalised by UMTA to ensure integration & co-ordination of transport project.

Status of BMLTA Bill:

- Draft BMLTA Bill is forwarded to Government in Urban Development Department and is now being vetted by Department of Parliamentary Affairs & Legislation.
