

**GOVERNMENT OF INDIA
URBAN DEVELOPMENT
LOK SABHA**

UNSTARRED QUESTION NO:278

ANSWERED ON:09.07.2014

METRO RAIL PROJECTS

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Will the Minister of URBAN DEVELOPMENT be pleased to state:

- (a) the current status of ongoing metro rail projects in the country including Pune and Kochi and the time schedule for their completion, project-wise;
- (b) whether some of the projects are facing delay and if so, the details of such projects and the reasons therefor;
- (c) whether some of these metro rail projects are causing traffic snarls and congestion and if so, the details thereof and the corrective action taken/being taken by the Government; and
- (d) the details of financial assistance, both national and international provided to these projects during the last three years and current year, project and year-wise?

Answer

THE MINISTER OF URBAN DEVELOPMENT
(SHRI M. VENKAIAH NAIDU)

(a): Central Government has not approved Pune Metro Rail Project. The details of ongoing metro rail projects, their current status and the time schedule for their completion, project-wise in the country are given below:-

S.No.	State	Name of the Metro Rail Projects (in km)	Length	Current Status	Targeted Date of completion
1	Delhi & National Capital Region (NCR)	Delhi MRTS Phase III Mukundpur- Yamuna Vihar Corridor (Gokuipuri) of civil works	55.697	The progress as on 31.5.2014	By March, 2016
		Kalindikunj	9.37	is 47.64%	
		Central Secretariat -Kashmere Gate	9.37	and the overall progress	
		Jahangirpuri - Badli Extension to Faridlabad (Haryana)	4.489	is 34.46%	
		Extension of Mukundpur- Yamuna Vihar Corridor to Shiv Vihar	11.182		
		Extension from Mundka to Bahadurgarh	4.295		
		Connection to Najafgarh From Dwarka to Najafgarh	42.3		By end of 2015
2	Karnataka	Bangalore Metro Rail Project Phase-I	72.10		By the year 2019.
3	West Bengal	Kolkata East - West Metro	14.67	33.25 %	December, 2017
4	Rajasthan	Jaipur Metro Rail Project Phase-1 A from Mansarovar to Chandpole. Jaipur Metro Rail Project Phase-1 B from Chandpole to Badi Choupef.	9.718	Work is nearing	By the end of 2014.
		Jaipur Metro Rail Project Phase-1 B from Chandpole to Badi Choupef.	2.349	The work has been started.	By March, 2018.
5	Tamil Nadu	Chennai Metro Rail Project in process for Stage 1. Research and	45.046	Test run is Elevated and Underground	2015 and 2016

Designs and respectively.
Standards
Organization
(RDSO)

Testing has
been completed
for Stage 1
in June, 2014.

6 Kerala Kochi Metro 25.612 Almost 45% By 2016

of the
foundation
work has been
completed.

7 Maharashtra Mumbai Metro 31.87 - @

Line-2 (PPP)
Charkop-Bandra-
Mankurd

Mumbai Metro 32.50 # December,
Line-3 (Govt. 2019

of India and
Govt. of
Maharashtra)
Colaba-Bandra-
SEEPZ

8 Andhra Hyderabad Metro 72 Works are June

Pradesh Rail Project going 2017

(PPP) on at a brisk

pace as per
schedule. One
Depot is at
93% and the
second Depot
is at 80%
progress.

Eastern section of 6.7 km and the Northern section of 10.3 km have commenced commercial operations on 20.10.2011 and 1.3.2014 respectively. The Physical Progress as on 31.05.2014 is 85%. The Financial Progress as on 31.05.2014 is 83%. Preliminary works like land acquisition, soil investigations, designs of structures have been started. Geo technical surveys have been completed.

Project has been transferred to the Ministry of Railways (MoR).

Subject to finalization of alignment, availability of land and funds in time.

The project has not yet started, because the Concessionaire, Mumbai Metro Transport Pvt. Ltd (MMTPL) expressed inability to start the work due to critical conditions of Coastal Regulation Zone (CRZ) clearance laid down by Ministry of Environment & Forest (MoEF).

The physical work is to start in the 1st Quarter of 2015.

(b): The pace of progress of work of the Metro Rail Projects namely, Delhi Metro Rail Project Phase-III and Hyderabad Metro Flail Project is satisfactory. The problems facing by other Metro Rail Projects are given below:-

Bangalore Metro Rail Corporation Ltd. (BMRCL) has informed that the completion of Phase-1 of the Project was 31st December, 2013. The reasons for delay are as under:

Some of the litigations in respect of land acquisition resulted in protracted Court Cases resulting in delays.

There was a delay of about 2 years by the Railways in respect of transfer of Railway land.

The tenders in respect of Underground Section and Majestic Station got delayed on account of unbundling of the main package into smaller packages and retendering resulting in delay by about 1 year.

Shifting of utilities took more time than expected.

Chennai Metro Rail Ltd. has informed following reasons for the delay in the Project:

Delay in Penalisation of alignment over Kathipara Flyover System in consultation with National Highway Authority of India (NHAI). Finally, it was agreed to adopt balanced cantilever design for the elevated viaduct to avoid any interference to the Road traffic over the flyover. Consequently the delay caused in Stage-1 implementation.

Delay in design finalisation of Elevated Corridor over Railway Tracks near Guindy due to objections from Southern Railway. Finally Steel Girder spans were agreed to be provided as desired by Southern Railway and Scheme had to be approved by CMRS before M/s. Larsen & Toubro was asked to design and execute (affected Stage IA).

Alignment and levels of OTA-Airport stretch had to be modified after a series of consultations with Airport Authorities. Finally cut and cover stretch of about % km had to be introduced (affected Stage 1 A).

Delay in communication of approvals for road diversions.

Kochi Metro Rail Ltd. has informed that they have acquired 83% of the total land required for the Project. The delay in acquiring the balance 17% of the land is due to the introduction of new Land Acquisition Act. Jaipur Metro Rail Corporation Ltd has informed that Phase-1A Project (Mansarovar to Chandpole) is facing a delay of about 6 months in completion due to interim ban orders on mining of sand, lack of specialized labour, price escalation of building materials etc. Mumbai Metropolitan Region Development Authority has informed that for Metro Line-3 Project, the transformation of MMRC into a Joint Venture / Special Purpose Vehicle of Government of India and Government of Maharashtra (GoM) is in progress and approval awaited from GoM.

(c): Metro Rail Corporations have informed that at metro construction sites located on busy roads, traffic diversion plan is prepared in consultation with the Traffic Police. Traffic signs are properly placed at diversion points, widening interior city roads, repositioning of bus stops, formation of alternate roads and traffic marshals are deputed to guide the motorists.

(d): The details of the financial assistance, both national and international, provided to the Metro Rail Projects during the last three years and current year, project-wise and year-wise i.e. 2011-12, 2012-13, 2013-14 and 2014-15 are given below:-

(Rupees in crores)

s.No.	Name of the Projects	Funds released by the Central Government	2011-12	2012-13	2013-14	2014-15
		(upto June, 2014)				
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1.	Delhi Metro Rail Project		2840.27	671.00	2972.77	583.00
2.	Bangalore Metro Rail Project Phase-I		711.00	771.00	717.12	255.53
	Bangalore Metro Rail Project Phase-I I		0.00	0.00	0.00	4.50
3.	Kolkata East - West Metro		134.50	161.00	130.00	139.02
4.	Jaipur Metro Rail Project Phase-1 A		0.00	0.00	0.00	0.00
	Jaipur Metro Rail Project Phase-1 B		0.00	0.00	0.00	0.00
5.	Chennai Metro Rail Project		623.00	1290.00	1104.00	721.83
6.	Kochi Metro		0.00	0.00	22.80	0.00
					125.00	0.00
7.	Mumbai Metro Line-1 (PPP)		0.00	0.00	0.00	0.00
	Mumbai Metro Line-2 (PPP)		0.00	0.00	0.00	0.00
	Mumbai Metro Line-3		0.00	0.00	0.00	0.00
8.	Hyderabad Metro Rail Project (PPP)		0.00	0.00	0.00	0.00

National - includes Equity, Subordinate Debt and Grant.

@ International - includes Pass Through Assistance from JICA and ADB.

Financial assistance of three years of Rs.471 crore under Viability Gap Funding (VGF) has been received as a Central assistance. VGF is released by Ministry of Finance.