

# Metro 3: all 17 TBMs lowered

## To start digging in November

STAFF REPORTER

MUMBAI

The Mumbai Metro Rail Corporation (MMRC) reached a major milestone on Monday as it lowered the tunnel boring machine (TBM) Tansa 2 at the Science Museum station. This was the last of the 17 TBMs, which will be used to complete the 33.5 km Metro 3 corridor, to be lowered.

The TBM will begin its initial drive in the second week of November and dig 2.1 km from the Science Museum to Worli.

“Tunnelling work is progressing satisfactorily, and with the last of the 17 TBMs in the underbelly of the city, we will work with more enthusiasm,” S.K. Gupta, di-

rector (projects), MMRC, said. The underground corridor will have 53.87 km of tunnels, of which 10.4 km have been built as of now.

On September 24, the MMRC achieved its first breakthrough after Vainganga 1 completed a 1.26-km tunnel from the Pali launching site at Marol Naka to Chhatrapati Shivaji Maharaj International Airport Terminal 2 station. The first TBM, lowered nearly a year ago at Naya Nagar in Mahim, has since dug a little over 2 km. The TBMs have been named after rivers in Maharashtra.

The corridor will connect Cuffe Parade to SEEPZ and will have 26 stations. The construction has been divided into seven packages.

**TBM  
timeline**

**17**

tunnel boring machines (TBMs)

**10.4  
km**

Total tunnelling completed

TBM name	Date of lowering	Location
Krishna 1	Sept. 18, 2017	Naya Nagar
Krishna 2	Oct. 18, 2017	Naya Nagar
Vaitarna 1	Oct. 30, 2017	CST
Godavari 1	Dec.12, 2017	Vidyanagari
Vainganga 1	Dec.14, 2017	Marol Naka
Vaitarna 2	Jan. 7, 2018	CST
Godavari 2	Jan. 12, 2018	Vidyanagari
Vainganga 3	March 1, 2018	Marol Naka
Krishna 3	June 19, 2018	Siddhivinayak
Tansa 1	June 21, 2018	Science Museum
Surya 1	June 22, 2018	Cuffe Parade
Tapi	July 31, 2018	T2 Terminal
Vainganga 2	July 31, 2018	Sariput Nagar
Godavari 3	August 4, 2018	BKC
Surya 2	August 13, 2018	Cuffe Parade
Godavari 4	Sept. 3, 2018	BKC
Tansa 2	Oct. 15, 2018	Science Museum