

महा मेट्रो



PUNE METRO

**World Environment Day, 2017,
Pune Metro to plant 7000 Trees**

Pune June 5, 2017: Pune Metro to plant 7000 trees as part of their green initiatives, announced, Dr. Brijesh Dixit, Managing Director, MAHA-Metro at the tree plantation drive held by MAHA Metro to celebrate the World Environment Day.

MAHA Metro began the drive by planting 25 saplings on the 5-acre land near Akurdi railway station. Most of the saplings are indigenous. Along with Dr Dixit, Mr. Satish Khadake, CEO, Pimpri Chinchwad New Township Development Authority (PCNTA), Mr. Shashikant Limaye, Advisory Consultant, MAHA-Metro, Mr. Ramnath Subramaniam, Executive Director, Strategic Planning for MAHA Metro were present for the occasion. The event also saw an active participation from the residents. MAHA-Metro has planned to develop into a garden for public use. The authority will also use recycled water, Bio-composters and Bio-digesters to cater to the fertilisation and water needs of the plants.

According to the Development Project Report (DPR) 685 trees are likely to be cut in the process of construction of the Pune Metro. It is a statutory requirement to plant 5



trees for every tree cut. MAHA-Metro has decided to plant 10 trees instead. "The trees that we will plant across Pune and Pimpri-Chinchwad will bring down the emission of carbon dioxide by 137 tons per year. We are committed to protect our environment and provide citizens with the most sustainable transport solution," said Dr. Dixit.

MAHA-Metro also displayed SolarPulse One, a battery-operated vehicle. It is an indicative of MAHA-Metro's pledge to the environment. Such electric vehicles that will be used for the feeder service to connect between important stops and points to metro stations. Their batteries can be charged using solar power. "Adopting and integrating solar energy generation from project planning and design stage is our motto. In the phase one we will generate 17-megawatt (MW) energy through solar. The Pune Metro will become one of the very few metros in the world to get 65% of the required power from renewable energy mainly from Solar," said Dr. Dixit.



The Environment Day event also saw a presentation of the Environment Assessment Survey of Metro alignment passing through Mutha River (1.7 km) by Dr Sanjay Jadhav, Executive Vice President, Environment, Management, and Engineering division, MITCON. The second presentation elaborated the Environment Impact Assessment of both the corridors. It was presented by B V Mallikarjuna Rao, Group General Manager, Urban Transport and Urban Engineering, RITES Ltd. Both the surveys laid down the framework to be followed by MAHA-Metro for environmental protection.

"Using solar energy for power generation, rain-water harvesting at every depot, using recycled water for construction and usage of noise and vibration barriers to reduce the noise pollution are the highlights of our green initiatives. We have considered these solutions from the design stage itself and they will be in place as the construction progresses," explained Dr. Dixit.

The Pune Metro will be constructed in two corridors. Corridor one is the route between Pimpri Chinchwad Municipal Corporation (PCMC) to Swargate. The second corridor is between Vanaz to Ramwadi. The phase one will cover the total distance of 31.2 Kms and the total budget of the project is estimated to be INR 11,420 Crore. The work on the corridor one has begun at Nashik Phata. The entire project is expected to complete by the year 2021.

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