Enhancing Urban Mobility: India's Metro Rail Transformation

The swift urbanization and growing population densities in Indian cities have presented numerous challenges, such as significant traffic congestion and environmental pollution. However, the metro rail system has emerged as a promising solution for countless urban residents, providing them with a dependable, efficient, and environmentally conscious means of travel. Prior to 2014, a mere five cities in India boasted a modest 229 kilometres of metro rail networks. As of April 2023, a staggering 860 kilometres of metro lines are operational across 20 cities. Moreover, the pace of progress has soared, as the country witnessed a remarkable shift from a monthly average of 0.68 kilometres of commissioned metro lines before May 2014 to an impressive 5.6 kilometres per month (as on April 2023).

To address the imperative for an extensive metro network across India, the Metro Rail Policy was instituted in 2017, serving as a blueprint for the nationwide expansion and modernization of metro networks. The emphasis on domestic manufacturing of metro coaches under the "Make in India" initiative has also yielded manifold advantages. Not only has it bolstered the domestic manufacturing sector, but it has also fostered self-reliance and diminished the country's dependence on foreign imports.

Further Reading:

- Metro Rail – India’s Solution for Clean Urban Mobility
- Metro rail sector

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