Cost effective Metro rails

Why in news?

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Foreign investment has been invited for metro rail projects and 50 cities in India are ready to implement metro rail projects.

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What is the need for metro rail?

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- For faster connectivity of the nodal points in the cities.
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- To Reduce the traffic drastically.
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- To provide safer public transports.
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- To make public transport more environment friendly.
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What are the real-time advantages of metro rails?

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- Metro rails are efficient in high traffic routes.
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- Metro rails can make use of underground routes.
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- Reduced pollution when compared to bus trips.
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- The metro rails are long lasting.
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What are the cost factors of metro rails?

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- Metro rails are hugely expensive to build.
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- A kilometre of metro rail requires an investment of around Rs.200 crores.
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- Buses, which require under 5 per cent of the investment needed for metro rail can carry 40 per cent more passengers.
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How metro rails can be made cost effective?

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- Connectivity to the metro rail stations need to be planned properly.
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- The low occupancy should go up and cost per passenger trip should go down.
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- For cost of a metro rail to slowly become affordable, it should keep growing.
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- Funding should be drawn from foreign and indigenous agencs.
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- Metro rails need not remain a high tech, but can be made cost effective and reliable.
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- The success of metro rail lies on involvement of multi modes of transport.
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Source: Business Line

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