

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 3061
TO BE ANSWERED ON 19.03.2025**

RESEARCH AND DEVELOPMENT IN AIR MOBILITY SOLUTION

3061. DR. NISHIKANT DUBEY:

Will the Minister of RAILWAYS be pleased to state:

- (a) the details of the funding provided by the Government for the research and development in Air Mobility solution;**
- (b) the estimated timeline for the completion of the proposed 11.5-km Hyperloop track;**
- (c) the expected benefits of Hyperloop technology in terms of speed, energy efficiency, and environmental impact;**
- (d) whether the Government plans to scale up Hyperloop technology for commercial transportation; and**
- (e) if so, the details thereof?**

ANSWER

**MINISTER OF RAILWAYS, INFORMATION & BROADCASTING AND
ELECTRONICS & INFORMATION TECHNOLOGY**

(SHRI ASHWINI VAISHNAW)

(a) to (e): Hyperloop is an emerging technology and is at nascent stage of development. The technical and safety parameters of Hyperloop are yet to be framed worldwide. Hyperloop is expected to be faster, more energy efficient and sustainable than other transportation modes. As an initiative, Research Designs and Standards Organisation (RDSO), a unit under Ministry of Railways,

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has signed Memorandum of Understanding (MoU) with IIT/Madras with a funding of Rs.20.89 crores for setting up a Centre of Excellence for Hyperloop technology with the objective of development of sub scale model of Pod, Test Track & Vacuum Tube facility of the futuristic full scale Hyperloop at IIT/Madras for validation of this technology.
