

# THE FUTURE OF TRANSPORTATION



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# TRANSPORTATION REVOLUTIONS CHANGE THE WORLD

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# Turning metro cities into metro stops



San Francisco



Las Vegas



Los Angeles

Urban Area Today  
1-hour radius

# Turning metro cities into metro stops





# **HYPERLOOP: A PROPOSITION FOR THE 21ST CENTURY**

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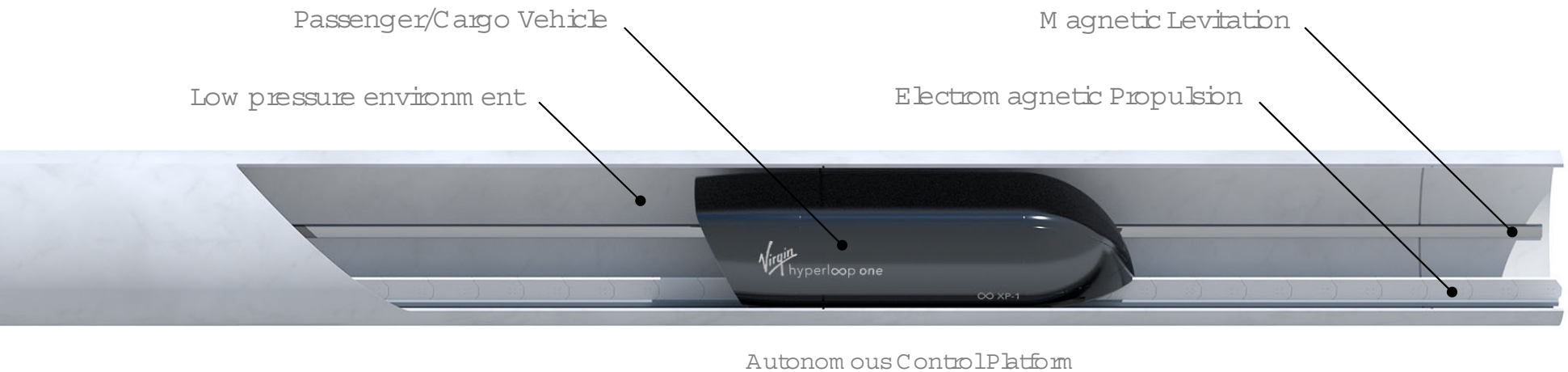
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# The first new mode of mass transportation in 100 years

Hyperloop is a new mode of transportation designed to eliminate the barriers of distance and time for both people and freight. Hyperloop can safely carry tens of thousands of passengers per hour to their destinations at speeds greater than 600 mph, with no direct emissions, at any time that fits their schedule.



# Hyperloop technology at a glance.



# Meets energy and consumer demands of coming century

- ✓ On-demand, direct, autonomous
- ✓ 100% electric
- ✓ Zero direct emissions
- ✓ Up to 10x more energy efficient than air travel
- ✓ Reduces congestion & emissions
- ✓ Efficient land use, minimal noise

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# Inherently Safe

- ✓ No at-grade crossings
- ✓ Fully autonomous
- ✓ Operates in enclosed environment
- ✓ Proprietary high-speed switching architecture eliminates traditional failure point
- ✓ No wheel-on-rail wear and tear
- ✓ Gradual acceleration, no turbulence

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DELIVERING RESULTS IN YEARS,  
NOT DECADES





## Visionary local leadership



## WASHINGTON

WSDOT is studying hyperloop as a rapid speed ground transportation option to connect Vancouver, Seattle, and Portland

## MIDWEST

Partnered with Mid-Ohio Regional Planning Commission (MORPC) on an environmental study and a feasibility study for a Chicago-Columbus-Pittsburgh hyperloop

## PENNSYLVANIA

Pennsylvania Turnpike Commission has awarded a \$2 million contract for a feasibility study on a cross-state hyperloop

## COLORADO

Partnered with Colorado Department of Transportation to study a state-wide hyperloop network connecting to Denver International Airport

## MISSOURI

Completed feasibility study with Black & Veatch for St. Louis-Kansas City corridor; Lt. Governor chairing Blue Ribbon Panel on Hyperloop to look at funding and next steps

## NORTH CAROLINA

Partnering with the Regional Transportation Alliance to explore hyperloop for a route connecting Raleigh, Durham, Chapel Hill, and RDU International Airport near the Research Triangle Park.

## TEXAS

Partnered with North Central Texas Council of Governments (NCTCOG) to study hyperloop in Tier 2 EIS study between Dallas and Ft. Worth and a feasibility study for Ft. Worth to Laredo

# Projects in the United States

Building a high-speed national network for the 21<sup>st</sup> century

# INDIA

Mumbai → Pune

 25 mins

 2.5+ hrs

- 150 million passenger journeys annually
- 1.8 million direct and indirect jobs
- \$36 billion in socio-economic benefits
- Largest private infrastructure investment in the State



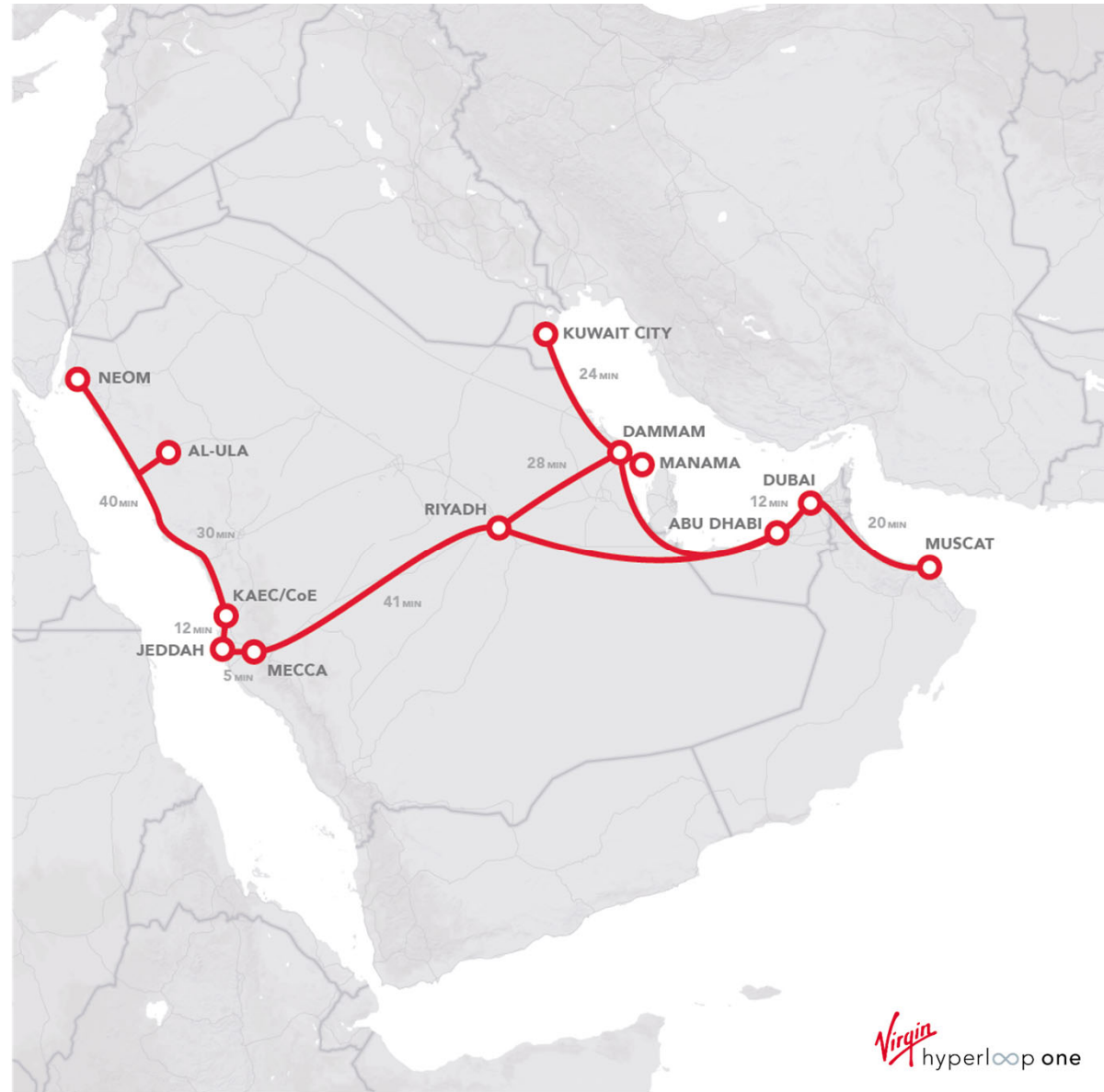
# MIDDLE EAST

Dubai → Abu Dhabi

 12 mins

 1.5+ hrs

- Study commissioned to build the world's first extended test and certification hyperloop track in the Kingdom of Saudi Arabia
  - \$4 billion increase in Saudi GDP
  - 124,000 high-tech localized jobs by 2030





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