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## **Mexican Consortium led by world-renowned architect Fernando Romero named winner of Hyperloop One Global Challenge**

**Los Angeles and Mexico City** (September 14, 2017)—A Mexican consortium led by Fernando Romero, co-designer of Mexico City’s New International Airport and architect of the Soumaya Museum, has been named a winner of the Hyperloop One Global Challenge, and will now partner with Hyperloop One to develop one of the world’s first Hyperloop corridors connecting Central Mexico’s major metropolises into a new ‘Megalopolis’.

- Over 2,600 entrants responded to open competition seeking the world’s most comprehensive commercial, transport, economic, and policy cases for hosting the first Hyperloop networks.
- Mexloop proposal would create a new ‘Megalopolis’ of 42 million—growing to 60 million by 2050—by linking four of Central Mexico’s major metropolises, including the capital and its two most populous cities, and el Bajío, its fastest growing region.
- Mexloop will further accelerate the region’s powerhouse economy and booming automobile, aeronautic, pharmaceutical, technology, and services industries, evolving its busiest supply chains and trade corridors and transforming its economy, spurring innovation and development, and creating job opportunities.
- A Mexloop Hyperloop corridor will help to alleviate traffic in the world’s most congested city and the surrounding megaregion, integrating with other transport modes and reducing travel times between Mexico City and Guadalajara to under 45 minutes at speeds of over 1,000 km/h / 600 mph.
- The proposal builds on recent next-generation transport design in Mexico, with stunning concepts for stations, lines, urban design, and public space, has attracted considerable public-sector support and received an endorsement from Cámara Mexicana de la Industria de la Construcción / Mexico Construction Industry Chamber’s (CMIC), including its inclusion in the Infrastructure 2030 Plan.

Mexloop’s winning corridor for the Hyperloop One Global Challenge provides an in-depth look at the potentials of developing a groundbreaking new transport system with state-of-the-art intermodal hubs and transit oriented development across central Mexico. Linking the country’s major population, cultural, industrial, and manufacturing centers, the proposal harnesses over 30% of its population and nearly 40% of its GDP, connecting Mexico City—the capital and most populous city—with the El Bajío cities of Queretaro, Leon and Guadalajara into a new ‘Megalopolis’ and reinforces its status as Mexico’s fastest growing and one of the most dynamic regions in Latin America. The proposal takes an approach to locating stations and leveraging development to further diversify and strengthen its array of manufacturing and technology industries, reinforce its network of top universities and R&D centers, and create radically new opportunities for people to live, work, and be anywhere, in minutes.

The system promises to enhance Mexico’s global transport and logistics performance and secure the country as a leader in autonomous mobility and other innovative transportation-related research and design, building on the recent pioneering design for Mexico City’s New International Airport—one of the largest and most sustainable in the world, and the country’s nearly \$600 billion in public infrastructure development.



In naming the consortium's proposal a winner, Hyperloop One lauded Mexloop for its comprehensive team structure and public-sector engagement, and exceptional quality of design thinking that conceptualized an urban approach to station-area design, an array of terminal typologies, the route's infrastructure, and inspired problem-solving approach to details such as pod design and passenger and cargo loading and unloading. The effort was paired with a strategy to build even further on its proposal to catalyze a strategic, high-technology hub in the Bajío region, centered around next-generation transportation industries such as aerospace engineering, autonomous software, and advanced and precision manufacturing to create a new Hyperloop industry, and identifying opportunities to build and develop an Hyperloop knowledge ecosystem through university partnerships, training and certification programs, and professional development. Combined, these would form the basis of a thriving new transport technology industry and supply chain, and a platform for Hyperloop One to test, create, manufacture, develop, and export its revolutionary new technology to the rest of the world by partnering with Mexico's industry leaders.

### MEXLOOP CORRIDOR FAST FACTS

- **Mexloop Route Cities:** Mexico City-Santiago de Querétaro-León-Guadalajara
- **Route Length:** 532 km / 330 miles
- **Travel Times:** 45 minutes, full route\
- **Total Route Population:** 41.8 million; projected 2050 population: 60 million
- **ROWS:** Mexloop proposal harnesses prior studies and ROWs from the unrealized Mexico City – Queretaro HSR line and existing ROWs to fast track the corridor's first leg.
- **Phase 2:** Exploring potential to extend east and west to the Ports of Manzanillo and Veracruz, and northward to Monterrey and Nuevo Laredo / Laredo at the Mexico-US Border.
- **Next steps:** feasibility study, business model, technical solution, and certification process.
- **Potential Costs:** Early estimates suggest a Hyperloop would cost approximately 2/3 the cost or less of a typical High-Speed-Rail (HSR) project. The cost of a trip on proposed Hyperloop One corridors around the world is highly competitive, generally in line with that of a bus ticket, car trip, or low-cost airline ticket.

### ABOUT MEXLOOP [www.mexloop.net](http://www.mexloop.net)

Led by world-renowned architect **FR-EE / Fernando Romero Enterprise**, designers of Mexico City's New International Airport, the Mexloop consortium is a comprehensive team of experts from the top names in infrastructure development:

- **Arup**, one of the world's top multidisciplinary engineering, planning and design practices, specialists in transport and lead engineers on the Mexico City New International Airport;
- **Sener**, the engineering and technology group currently delivering the Toluca-Observatorio HSR line as well as dozens of infrastructure projects across Mexico and hundreds globally;
- **Thornton Tomasetti's** Weidlinger Protective Design group, one of the top security practices in the world;
- **Baker McKenzie**, the 2<sup>nd</sup> largest international law firm in the world and experts in infrastructure;
- **IMEXDI**, the Mexican Institute of Infrastructure Development;
- **McKinsey & Company**, global management consultants;
- **JLL**, global commercial real estate services and Investment management;
- **Voyage Control**, transportation and construction logistics experts
- **Integralis Consulting Group**, management and 'conscious culture' consulting
- **Bruce Mau Design**, the award-winning branding and graphic design practice



## ABOUT HYPERLOOP ONE [www.hyperloop-one.com](http://www.hyperloop-one.com)

- Hyperloop is the first new major mode of transportation in 100 years. It's designed to be safe, energy efficient, and reliable. It will take you directly to your destination at speeds of up to 700 mph, above land or underground.
- Hyperloop One is reinventing transportation by developing the world's first Hyperloop, an integrated structure to move passengers and cargo between two points immediately, safely, efficiently, and sustainably.
- The Hyperloop One team has the world's leading experts in engineering, technology, and transport project delivery, working in tandem with global partners and investors to make Hyperloop a reality, now. Headquartered in Los Angeles, the company is led by CEO Rob Lloyd and co-founded by Executive Chairman Shervin Pishevar and President of Engineering Josh Giegel.
- Hyperloop One recently made history with the world's first successful Hyperloop full systems test, followed just a few months later with the world's first autonomous pod successfully completing its inaugural test run. These two groundbreaking efforts successfully deliver upon Hyperloop One's Proof of Concept ahead of schedule, and set the stage for proof of operations testing by 2020

## HYPERLOOP GLOBAL CHALLENGE OVERVIEW [www.hyperloop-one.com/global-challenge](http://www.hyperloop-one.com/global-challenge)

The Hyperloop One Global Challenge is a worldwide challenge sponsored by Hyperloop One to find the strongest Hyperloop routes. The Challenge was kicked off in May 2016 as an open call to individuals, universities, companies and governments to develop comprehensive proposals for using Hyperloop One's disruptive transport technology in their region. More than 100 countries submitted applications, and the field was narrowed down to 35 semi-finalist routes from every continent (except Antarctica) in January 2016. Hyperloop One met with these teams over the past nine months, and today are announcing 10 winners.

### ANNOUNCEMENT FAST FACTS

- 10 routes, 5 countries, 3 continents
- 4 US, 2 India, 2 UK, Mexico and Canada
- Hyperloop One Global Challenge winning routes can connect 53 urban centers and 148 million people in US, India, UK, Mexico, and Canada. The winning routes span 6,685 km (4,157 miles).

### ROUTES

- **Mexico Mexico City-Guadalajara | Team: Mexloop**
- US Chicago-Columbus-Pittsburgh | Team: Midwest Connect
- US Dallas-Laredo-Houston | Team: Texas Triangle
- US Cheyenne-Denver-Pueblo | Team: Rocky Mountain Hyperloop
- US Miami-Orlando | Team: Florida Hyperloop
- India Bengaluru-Chennai | Team: AECOM India
- India Mumbai-Chennai | Team: Hyperloop India
- UK Edinburgh-London | Team: HypED
- UK Glasgow-Liverpool | Team: Northern Arc
- Canada Toronto-Montreal | Team: HyperCan

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