

Hyperloop's dream will be completed by the end of 2017 in Eastern Europe

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Last Wednesday, **Hyperloop Transportation Technologies** signed a " *exploration contract* " with Brno city in the Czech Republic. The contract mentions a hyperloop system linking Brno with the capital Bratislava, Slovakia and the company Hyperloop Transportation Technologies - HHT is also working with the government. This 128km stretch will be shortened from 90 minutes by train to only 10 minutes.

" *This world is ready to receive the Hyperloop system* ," said CEO of Hyperloop Transportation Technologies, Dirk Ahborn.



Abstract concept of Hyperloop

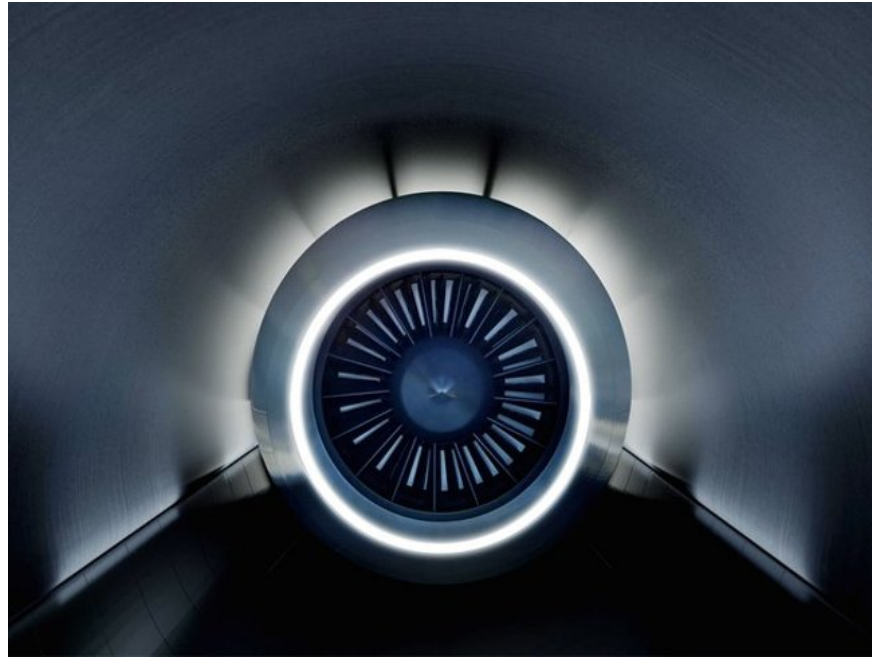
If you haven't heard anything about Hyperloop, please read the following concepts carefully: Hyperloop is a high-speed traffic system, first introduced by billionaire Elon Musk - founder of SpaceX and co-lit setting up Tesla Motors and PayPal. Inside the low-pressure pipeline, the super-fast vessel propelled by the air cushion created by the compressor helps reduce friction. The Hyperloop high-speed train system can take passengers from Los Angeles to San Francisco with a distance of 610km with a 30-minute time, half the time of flying.

The main part of the train system will be the long vacuum tube connecting the two locations, placed on high to avoid weather disasters and natural disasters. Passengers will sit on single cocoons or sit in groups. Hyperloop will take them on a " rail " powered by magnets that create magnetic fields.

Although there are contracts, signatures and ambitions to revolutionize the telecom industry, we still need to see what this company can do. Hyperloop Transportation Technologies - Ahlborn's HTT is one of the companies confronting **Hyperloop One** in developing the teleportation technology of the future. In it, there is an agreement to study the feasibility of a route from Dubai city center to Abu Dhabi. (*Besides, Hyperloop Transportation Technologies also has an agreement to do some research in Abu Dhabi*).



Hyperloop Transportation Technologies has a total of 30 full-time employees, most of the system development work is done by 800 engineers with the main job at big companies like SpaceX, NASA or Boeing. They spend their free time turning HTT's crazy but potentially great ideas in particular and the Hyperloop high-speed train system in general becoming a reality.



In the past two years, the company has acquired certain relationships to help implement the Hyperloop project. HHT has acquired the Oerlikon Leybold Vacuum pump, which has contributed to the large particle accelerator of CERN. In addition, they were assisted by global design company Aecom, Atkins infrastructure and Carbures material supplier. Furthermore, Hyperloop Transportation Technologies - HTT also acquired flight technology from the Lawrence Livermore National Laboratory.



CEO Ahlborn insists that the engineers have achieved extremely impressive results: " *We have solved all technical issues.*" They were able to make the ship's hyperloop cocoon fly up, maintain a standard air pressure in the vacuum tube, especially the ability to run and stop. Although no test has been made public, but HTT has announced the film back to test clearly as an affirmation: "*They have created a super speed train system Hyperloop*".

Ahlborn also said: "The test system in California or in Slovakia will be officially completed later this year".



Of course, Hyperloop technology as a barrier includes many other technologies combined. However, in reality it does not make it impossible, but vice versa, although it is difficult, but these technologies are fully functional. The Hyperloop high-speed train system is based on a clever blend of maglev magnet-powered technology that is twice as fast as supercar and oil industry. " *It's not a technological challenge* ," Ahlborn said. If Hyperloop is officially launched and wants to make a profit, it must prove that it is a more reliable and efficient system than what is often compared to trains or aircraft.



Not only are technology or economic worries, the dream system Hyperloop also needs government help. " *You are building a completely new transportation system. You need to create new rules and new safety standards. Therefore, you need government help in these terms.* " , Ahlborn said.

Currently, the government of both the Czech Republic and Slovakia has a move to work with Hyperloop Transportation Technologies, let us see this Eastern Europe region can give us the first Hyperloop system on the world or not!

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