Industry Aspects on Hyperloop
WELCOME TO THE WORLD OF HYPERLOOP
IN 2050...

...WE TRAVEL OVER A CONTINENT BY HYPERLOOP AS IF YOU WOULD TRAVEL THROUGH A CITY...

AND...

...THE CONTINENTAL SUPPLY CHAINS ARE CONNECTED WITHIN SEVERAL HOURS
Current consensus:

hyperloop is a mode of land transportation capable of high speed and driverless operations, which a vehicle is guided through a low-pressure tube or system of tubes, for passengers and/or cargo.
JOINT TECHNICAL COMMITTEE (JTC20): OFFICIAL EUROPEAN STANDARDIZATION PROCEDURE
ROADMAP

How to accelerate the development of hyperloop?

HYPERLOOP ALPHA + FIRST STARTUPS
HYPERLOOP COMPETITION
PROOF OF CONCEPT
EUROPEAN HYPERLOOP CENTER GRONINGEN
CARGO PILOT ROUTE
CARGO NETWORK
PASSENGER HIGH-SPEED
PASSENGER PILOT ROUTE
PASSENGER NETWORK

HYPERLOOP DEVELOPMENT PROGRAM

2013 2015 2017 2021 2023 2026 2030+
**GOAL**

Develop and test hyperloop together with private and public partners

**Ministry of Economics**

Ministry of Infrastructure

Province Groningen

€4.5 M

€3 M

Total program

€30 M

**Hyperloop Development Program**

€22.5 M
Working Groups, Themes & Benefits

**Working Groups**
- Working Group Cargo
- Working Group EHC
- Working Group Future Prospects
- Working Group Passengers

**Benefits & Themes**
- Hyperloop for Cargo system demonstration at the European Hyperloop Center (TRL-7) by 2023, proving its technical feasibility and safety.
- European Hyperloop Center in Groningen implemented based on requirements and design from Working Group Cargo.
- The future prospects and opportunities for industry and stakeholders identified.
- Passenger hyperloop system concept established and verified based on the needs of identified stakeholders (TRL-3 & SRL-5) by 2023.

**Consolidated Benefit**
- Investment decision for a commercial cargo route.
- Investment decision for full-size passenger test facility.