



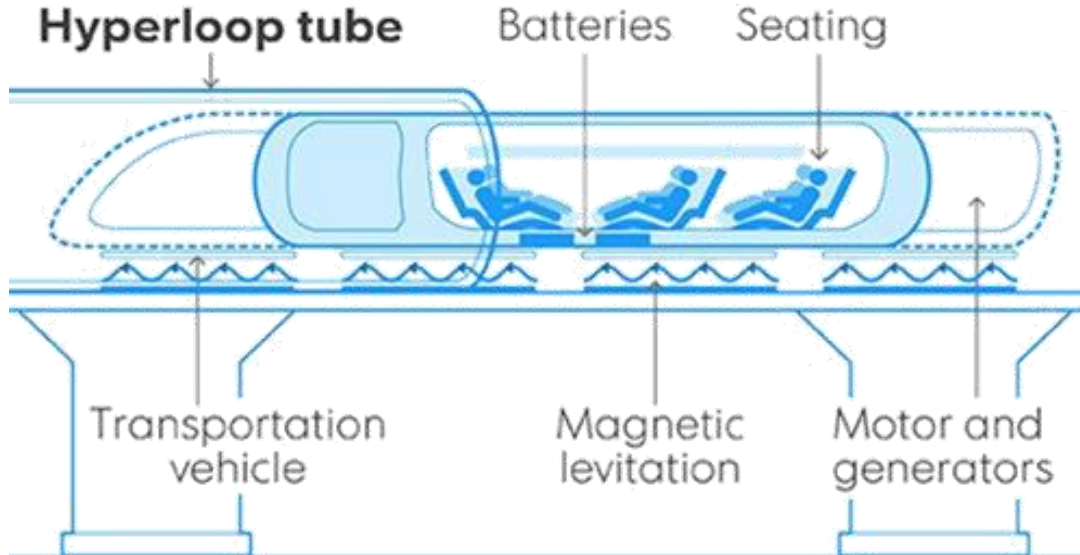
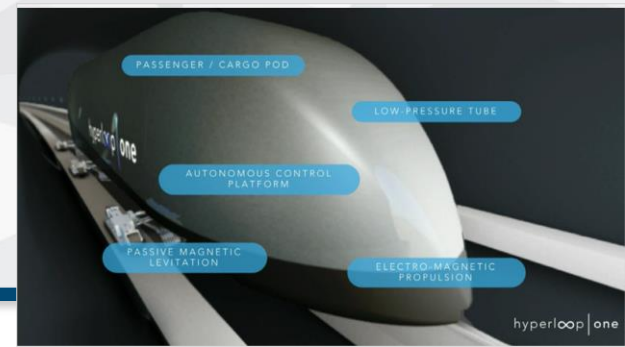
PACIFIC
HYPERLOOP

Seattle to Portland in 15 mins



What is Hyperloop ?

Next Generation of Intercity Transport



A SUITE OF PASSENGER & CARGO SOLUTIONS



Shipping Containers



Passengers, Containers & Pallets



Packages, Components & Courier

hyperloop | one



A sleek, white hyperloop pod is shown on a track. The pod has a rounded, aerodynamic shape and is positioned on a track with visible support structures. The background is dark, making the white pod stand out. Several blue callout boxes with white text are overlaid on the image, pointing to various parts of the pod and track. The 'hyperloop one' logo is visible on the side of the pod.

PASSENGER / CARGO POD

LOW-PRESSURE TUBE

AUTONOMOUS CONTROL
PLATFORM

PASSIVE MAGNETIC
LEVITATION

ELECTRO-MAGNETIC
PROPULSION

hyperloop | one

A SUITE OF PASSENGER & CARGO SOLUTIONS



Shipping Containers



Passengers, Containers
& Pallets



Packages, Components
& Courier

An aerial photograph of a city, likely Copenhagen, showing a dense urban landscape with various buildings and green spaces. A prominent feature is a modern, elevated hyperloop track that curves through the city. The track is supported by a series of parallel concrete pillars. In the center, there is a circular, glass-enclosed station or hub. The sky is overcast with soft, diffused light. Three blue, rounded rectangular callouts are overlaid on the image, containing white text. The overall scene is a blend of urban architecture and futuristic transportation infrastructure.

ON DEMAND DEPARTURES
EVERY MINUTE

DIRECT TO DESTINATION





CONNECTS TO EXISTING
MODES OF TRANSPORT

hyperloop | one

Hyperloop

Next-generation Intercity Transport



<u>Speed</u>	<u>Capacity</u>	<u>Terminal Size</u>	<u>Technology</u>
 550 mph 17 mins	On Demand, Direct	Medium	Passive Maglev
 300 mph 1:21 mins	Stops, At Capacity	Medium	Active Maglev
 600 mph 30 mins	Destination Direct	Large	Jet Fuel
 70 mph 3:30 mins	On Demand	Small	Conventional combustion



Pacific Hyperloop

Where would you build it?

- **Phased approach**
 - Parcel & Cargo First : Logistics centers, Seaport to Seaport
 - Passenger : City Centers, Airports, Capitols
 - North Extension : Vancouver, BC
Bellingham Airport
- **Infrastructure Cost Opportunities**
 - Partner with existing Right of Way
 - Co-align with utilities



Pacific Hyperloop

How does the community benefit?

- Today's Average Commute : ~28 mins
 - Access 6x commutable range
 - Balance housing costs
 - Alleviate traffic congestion
- New user cases
 - Access to medical services
 - Perishable goods & high-value inventory



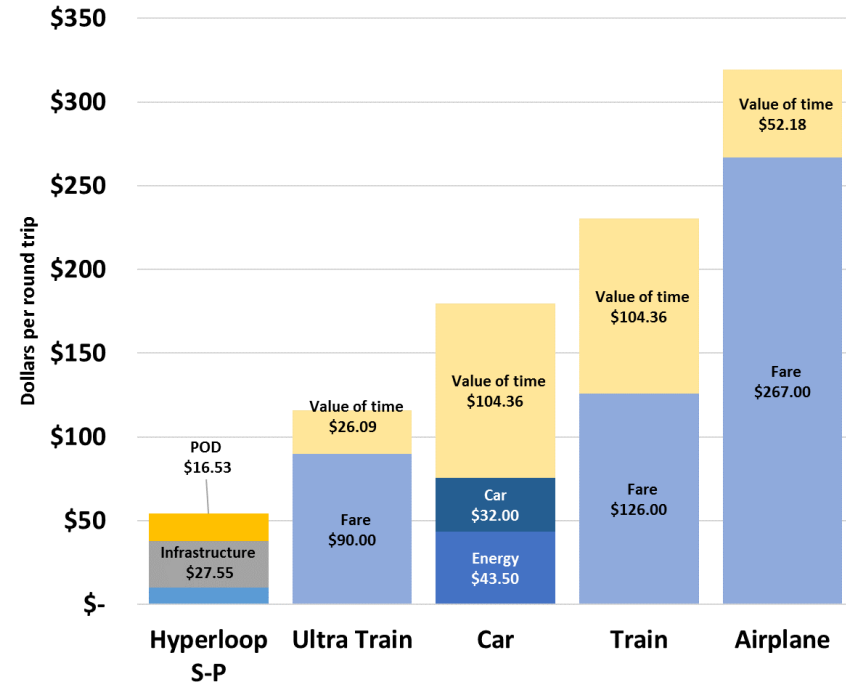
Pacific Hyperloop

What is the business case ?



\$50 per round trip

- 90 mins to 15mins >> 6x traffic multiplier
 - 10,000 estimated daily round trips in 2025
 - 54,000 projected daily round trips with Hyperloop
- Cost estimate:
 - 180 miles @ \$111 million per mile
 - California HSR @ \$82 million per mile
 - HL1 project 2/3 cost of HSR
 - 100 year infrastructure life
 - 30 year POD life



HSR & Hyperloop

What is the technology risk ?



- Pre-study – Design Study & Enviro – Final Approval – Build

Seattle Sound Transit (Central) 6 years

Vancouver Translink 3 years

California Highspeed Rail 15 years



hyperloop | one

Hyperloop Animation Video

hyperloop | one



Here: Kitty...

hyperloop | one



∞ XP-1

hyperloop | one

HSR & Hyperloop



What is the technology risk ?

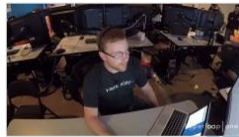
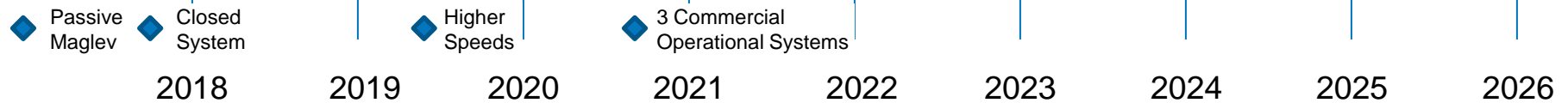
- Pre-study – Design Study & Enviro – Final Approval – Build



Estimated Timeline for High Speed Rail



Estimated Timeline for Hyperloop Technology



Pacific Hyperloop

Why should PNW region lead?

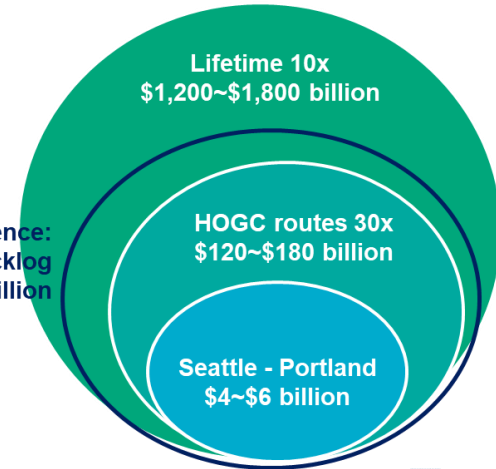


- Get ahead of growth
- Innovation Momentum
 - Cascadia Innovation Corridor
 - Tech Community
 - Success in transit infrastructure PPP



- Economic Fuel
 - Create new opportunities
 - 60% Direct Offset of hyperloop POD build-up
 - Secure global market share for aerospace supplier base

Reference:
737 MAX backlog
\$300-400 Billion

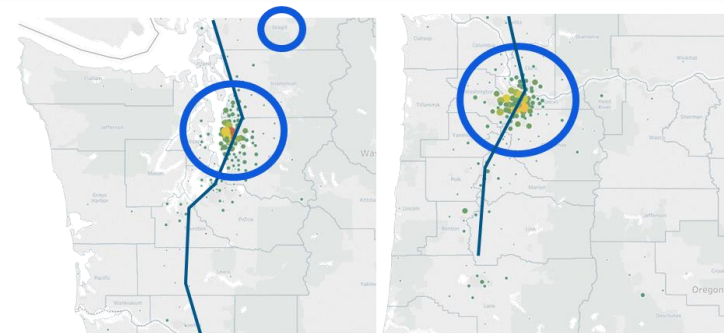


Pacific Hyperloop

Engaging in Hyperloop



- Local Station trade-study
 - Support with local PPP structure
- Integrate into multimodal strategy
- Partner to advance the Pacific Hyperloop proposal



hyperloop | one





PACIFIC
HYPERLOOP

More options

for where to

live, work and play

Visit us @ www.pnwloop.com