



No boundaries, no limitations.



Stefan Marges

Project Manager



Global Challenges



Rapid urbanisation



Energy consumption



Environmental impact
of aviation

Rapid Urbanization



>50% of population lives in urban areas



Sky-high housing prices



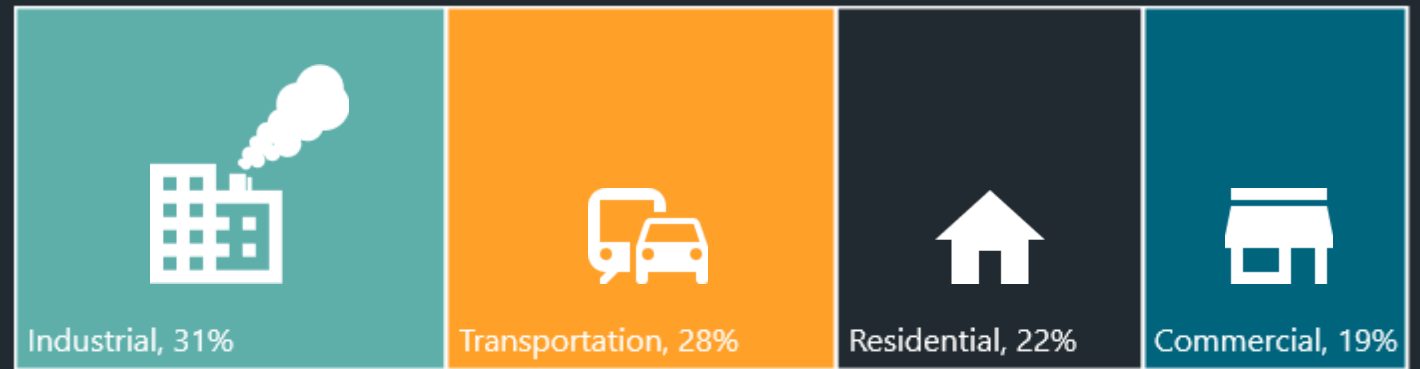
Clogged highways



Public transportation over-demand

What if we could..
Accommodate demand over a larger area?

Energy Consumption



What if we could..
Significantly reduce transportation energy consumption?

Environmental impact of Aviation



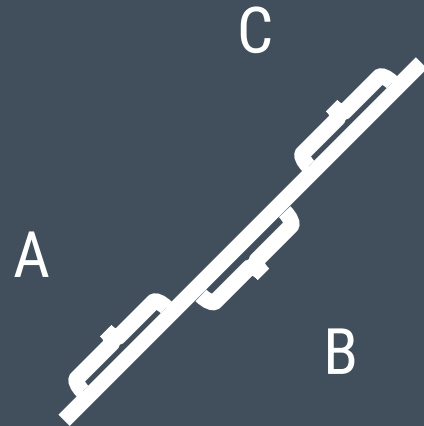
What if we could..
Provide an sustainable alternative to flying?

Hyperloop



CONVENIENT

On-demand reliable high-speed transportation



SMART

Direct connections without intermediate stops

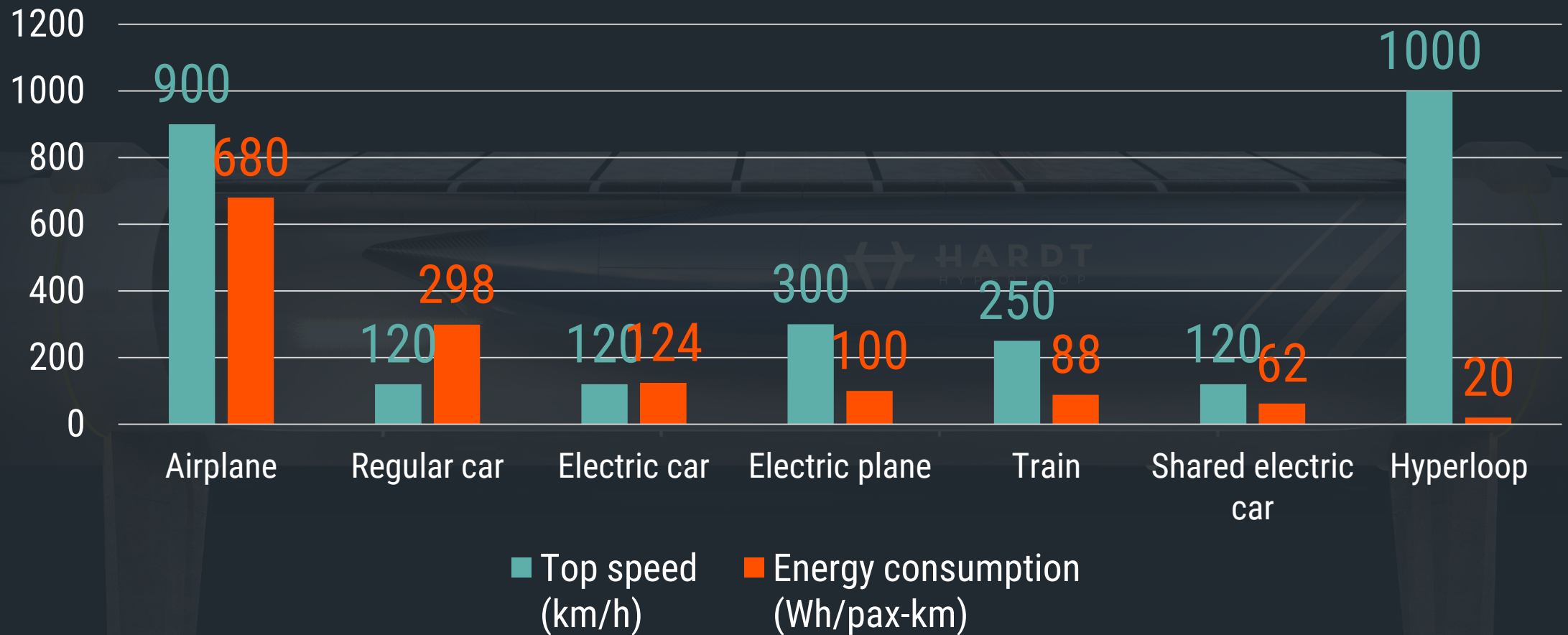


SUSTAINABLE

Low energy usage, no emissions in sound or GHG

High Speed - Low Energy Consumption

Vehicles travel inside a tube, which creates the ideal conditions for low-energy travel.



Continental high-speed network

The hyperloop network connects cities, countries and even a whole continent in short periods of time.



North sea region

North-west Europe



Combining reliable technology

Vacuum pumps



Magnetic levitation



Viaduct



Pressurization cabin

HARD
HYPERLOOP

The road to Hyperloop



Hyperloop Test Facility

Europe's first Hyperloop Test Facility

TATA STEEL



GOUDSMIT

JUN 2017



Europe's first Hyperloop
test facility competition

Leading Europe's hyperloop development

Standardization, regulation & proof of operations



Rijksoverheid

Documenten >

Rapport 'Hyperloop in The Netherlands'

Het rapport bevat de resultaten van een onderzoek naar de haalbaarheid van een testtraject voor de hyperloop in Nederland. Hyperloop is een nieuw idee voor het vervoer van goederen en personen. De minister geeft daarbij haar steun en medewerking op de uitkomsten van het onderzoek.





Hyperloop Implementation Program

Identify pilot business cases



Panteia
Research to Progress

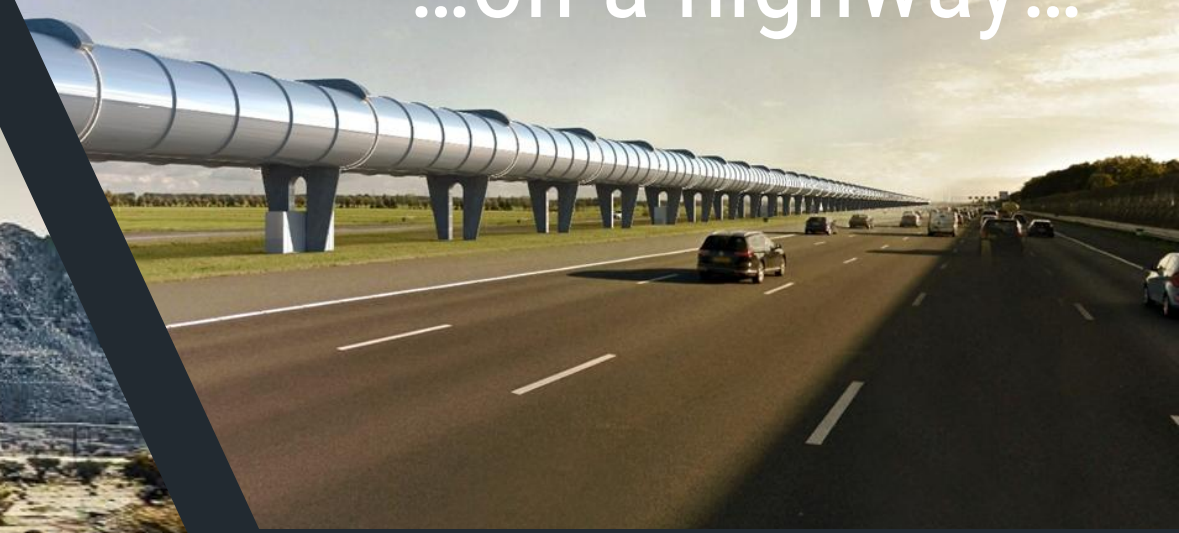


PROVINCIE  UTRECHT





...on a highway...



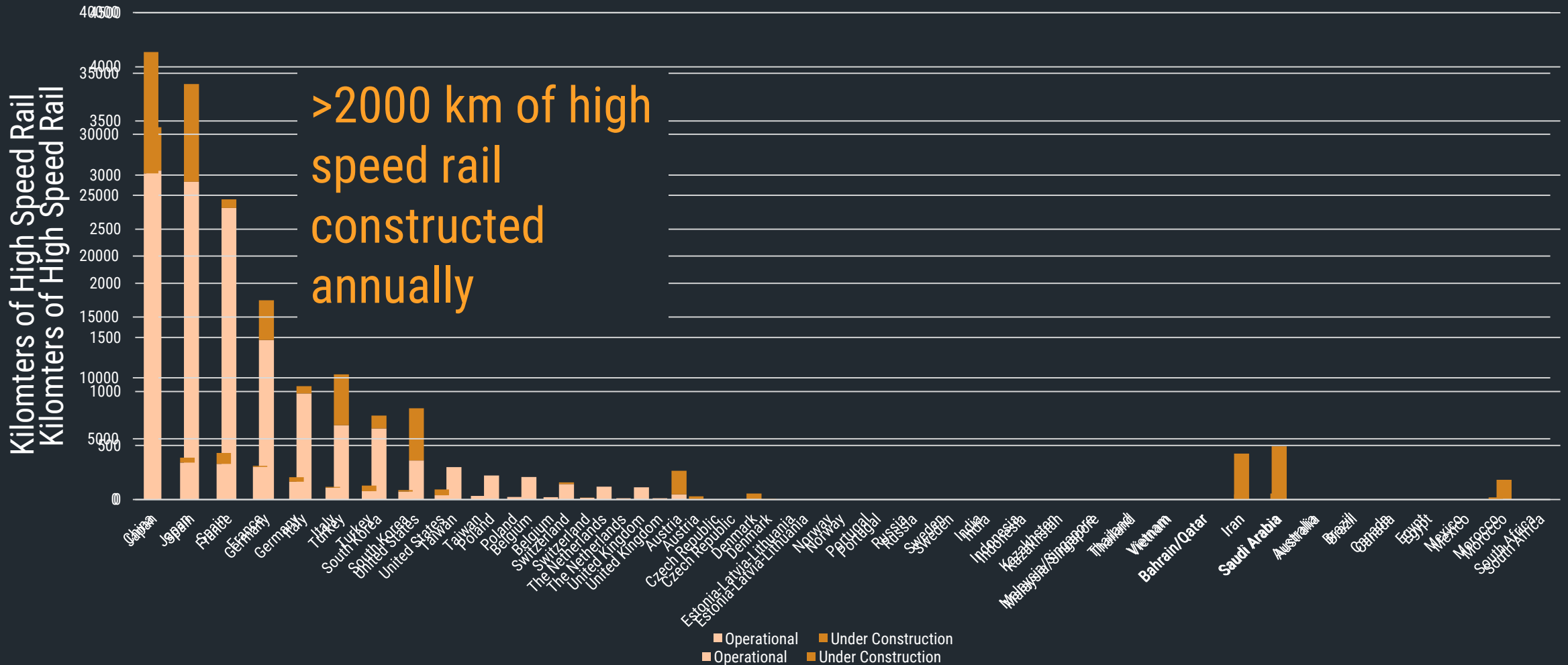
...on rail...

Enrich existing infrastructure

Hyperloop can be implemented...

...underground...

Realization

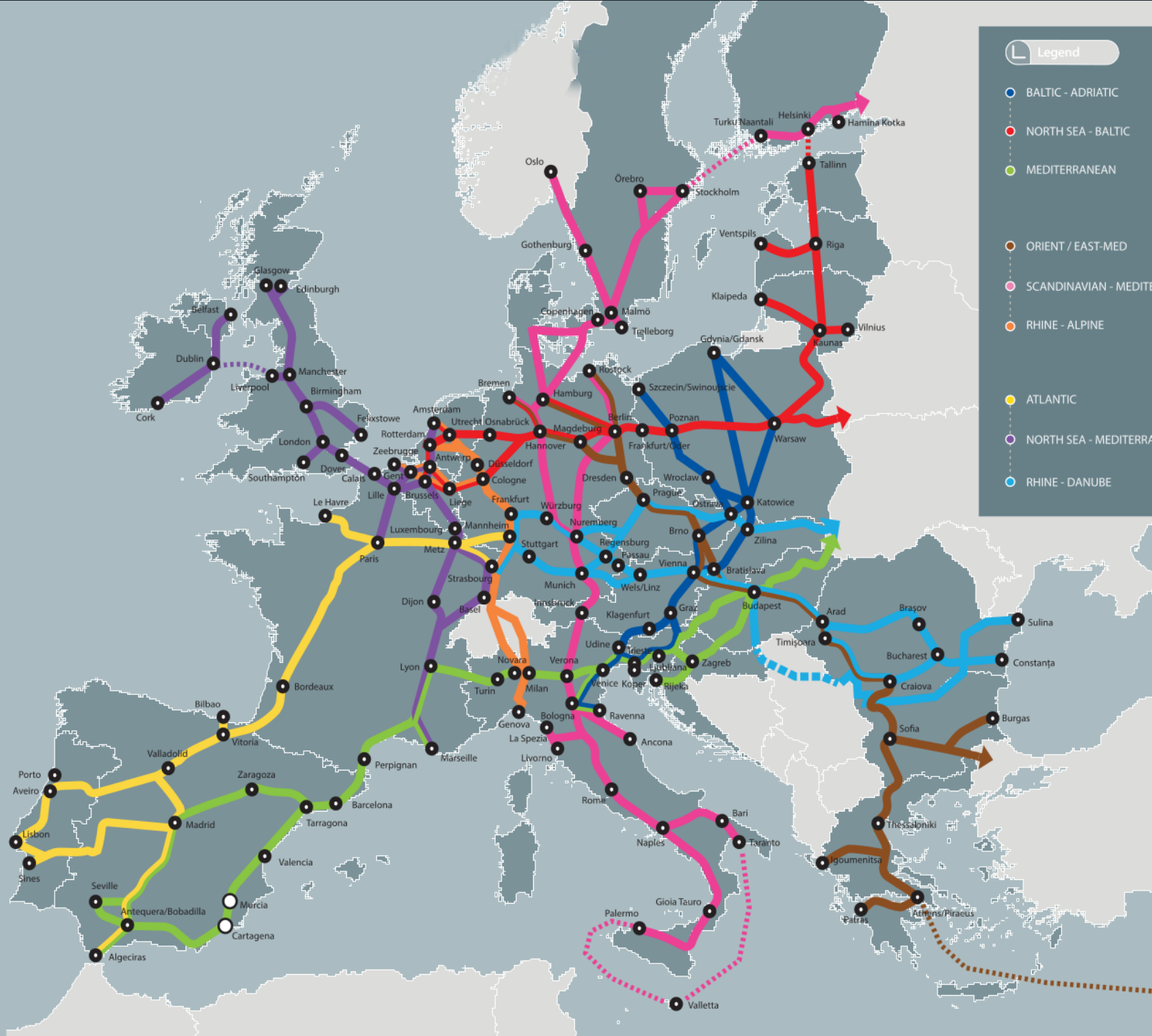


Transform the TEN-T Core Network

Network of
50.000 km rail,

Possible to implement
25 years

Create the high-speed
backbone of the
Physical Internet





Stefan Marges – Project Manager

 *Feel free to connect*

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