

GREEN CORRIDORS and TEN-T

ECG Sustainability Days

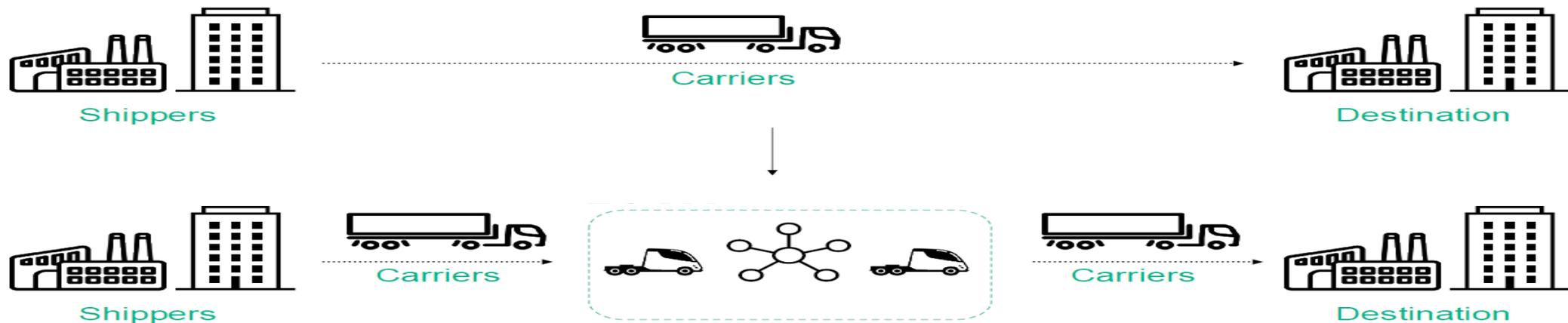
Levent Yuksel
JLR



What do we mean by GREEN CORRIDOR;

A Green Corridor is a logistical route where Freight and shipping activities are conducted with alternative Fuels reducing GHG and ultimately ZERO emissions.

The concept of a corridor lies with the fact that it is not just A to B short distance route, instead a route covering multiple states and a number of multimodal transport activities.



VISION: To harness cross-industry collaboration as the key to unlocking sustainable opportunities and driving the decarbonisation of Europe's Freight industry.

PROBLEM STATEMENT: There is a lack of holistic approach in the actions/objectives of decarbonization across the EU and neighbouring states where the regulations, drive for change and the infrastructure do not lend themselves to an integrated and viable solution.



Commitments

Cost and carbon footprint reduction aspirations



Changes

Carbon taxation,
Unharmonised approaches



Responsibility

The need for acting **TOGETHER** with collaboration and unity

GREEN CORRIDORS for FVL ROAD TRANSPORT

Road transport accounts for 80 % of Finished Vehicle Logistics in Europe today.

Pressures:

- CO2e requirements tightening
- High investment costs
- Infrastructure constraints
- Load factor challenge
- Across states charging availability & compatibility



**The Challenge or
Opportunity is how
TEN-T network can be
an enabler for the
ambition of Green
Corridors.**

GREEN CORRIDORS from UTOPIA to REALITY



Decarbonisation Road Transport

- Alternative fuels as bridge solution
- Electrification as ultimate answer
- Shared assets and Infrastructure



JLR FREIGHT (Inbound & FVL) Progress so far



HVO bunkering



EV trials



HVO & biofuel vehicles



FVL Partnership road



Partnership maritime



Shared rail solutions

...however challenges persist!



INNOVATION REQUIREMENTS

Challenge 01

Infrastructure disparity: uneven and disparate distribution of green infrastructure across Europe.

Challenge 02

Limited availability: recharging and refuelling infrastructure not widely developed.

Challenge 03

High upfront costs: transitioning to low and zero emission solutions involve high capital costs.

Challenge 04

Fragmented regulations: cross-border transport faces regulatory issues (fuel tax regimes, truck weight limits) slowing intermodal adoption.

Challenge 05

Slow modal shift: corridors mainly dominated by road transport freight. Rail freight suffers from capacity issues, a lack of last-mile connectivity.

Challenge 06

Red-tape: transparency and openness to collaborate on projects cross-industry.

Challenge 07

Confidence factor: uncertainty and instability turmoil in a pressurised geopolitical and economical environment.

COLLABORATION within our Ecosystem

Develop partnerships and pilot projects

01

- Co-develop pilot corridors: Shippers, energy and service providers, equipment manufacturers, asset sharing
- Extend contract duration with LSPs

Scale alternative fuel infrastructure

02

Share charging points, alternative fuels bunkering, and public refuelling stations along core corridors at regular intervals

Promote rail freight

03

- Support rail freight sharing, improve reliability and uplift priority for freight
- Upscale rolling highway services (i.e: truck-on-train)

TEN-T INTEGRATION

Upgrade & connect multimodal infrastructure

04

- Enhance rail lines: axle weight and electrification
- Expand transshipment hubs for efficient road-rail and rail-port transfers
- Build on the strength of TEN-T

Harmonise cross-border regulations

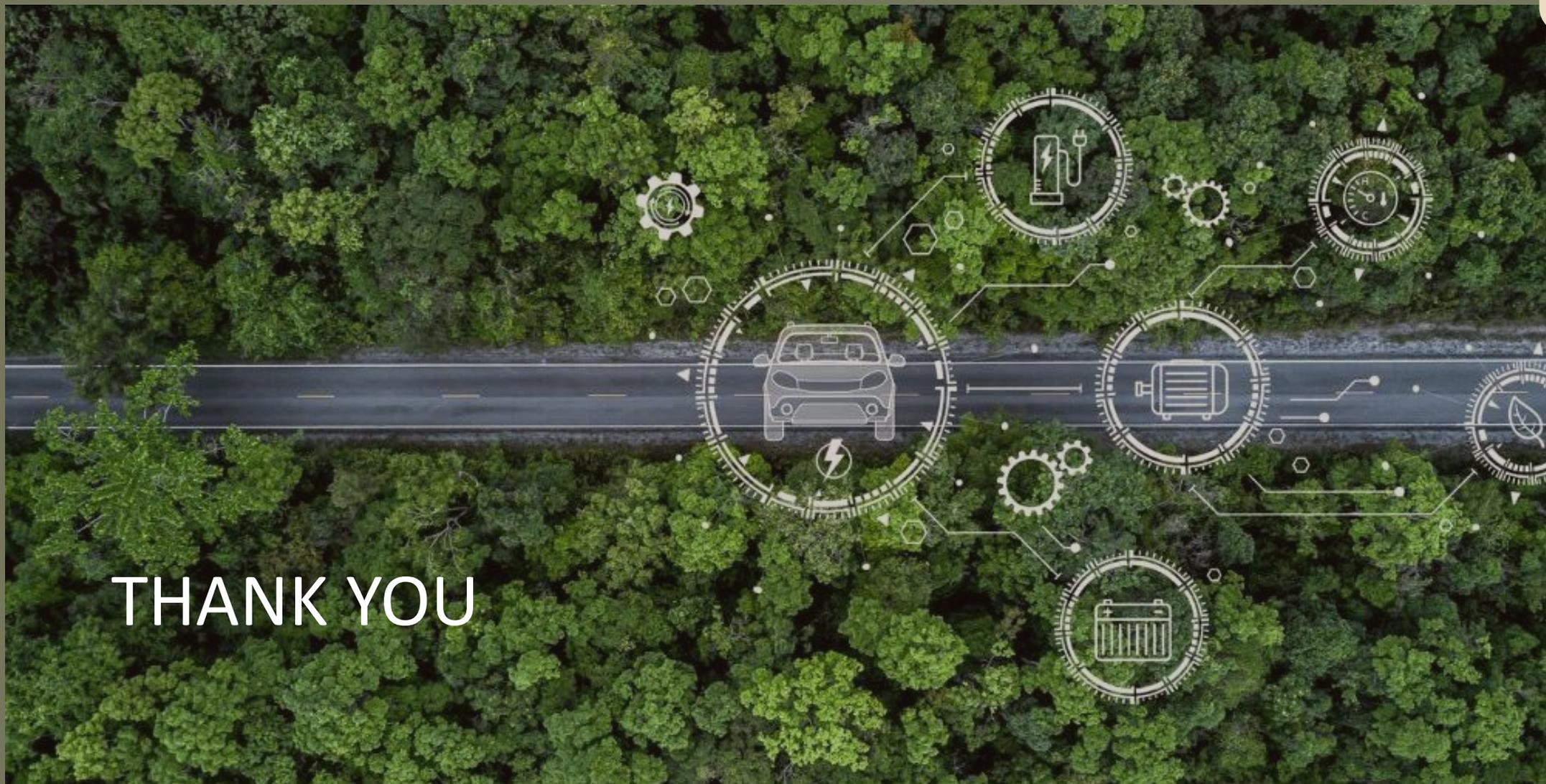
05

Align truck weight/length limits, fuel taxation, and customs procedures across countries

Technological and policy development

06

- Tailor growth strategy through modelling tools considering tax regulations
- Highlight various incentives encouraging green corridors growth or low/zero-emission solutions



THANK YOU