



Heavy Duty Vehicle CO2 standards

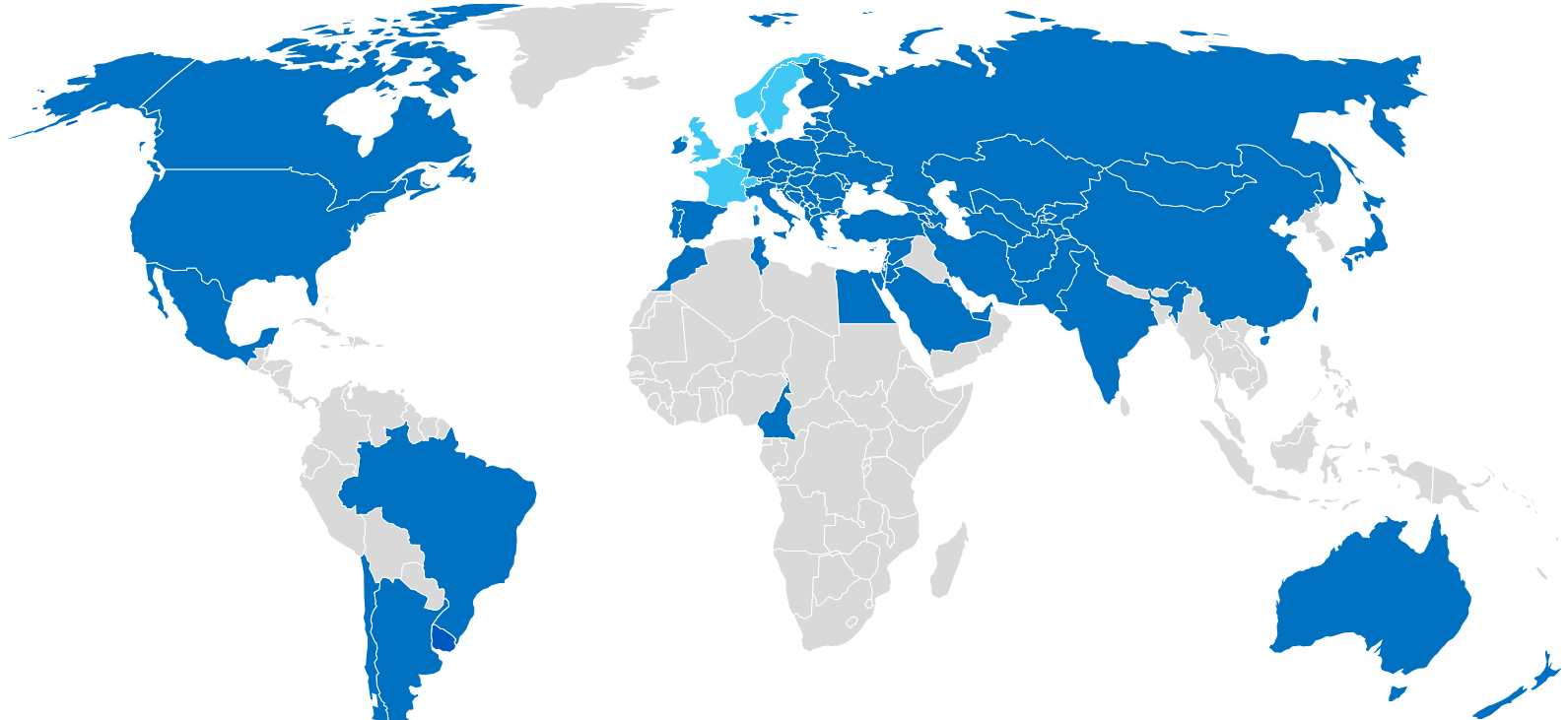
European hauliers' perspective

16 January 2018

Brussels

iru.org

IRU Members



- 14 Founding IRU Members in 8 countries
- Countries with one or more IRU Members

Founded in 1948
Members in 100+ countries

IRU is the world's road transport organisation, bringing together bus, coach, taxi and truck operators to bring economic growth and prosperity through the sustainable mobility of people and goods



IRU policy on decarbonisation



Integrated approach



Business case to invest



Moving beyond a tailpipe approach

General principles on HDV CO2 standards

- Realistic and achievable
- Market availability of technology
- Differentiating between HDVs and passenger cars

HDV sector is a service provider



IRU view on approach to HDV CO2 standards



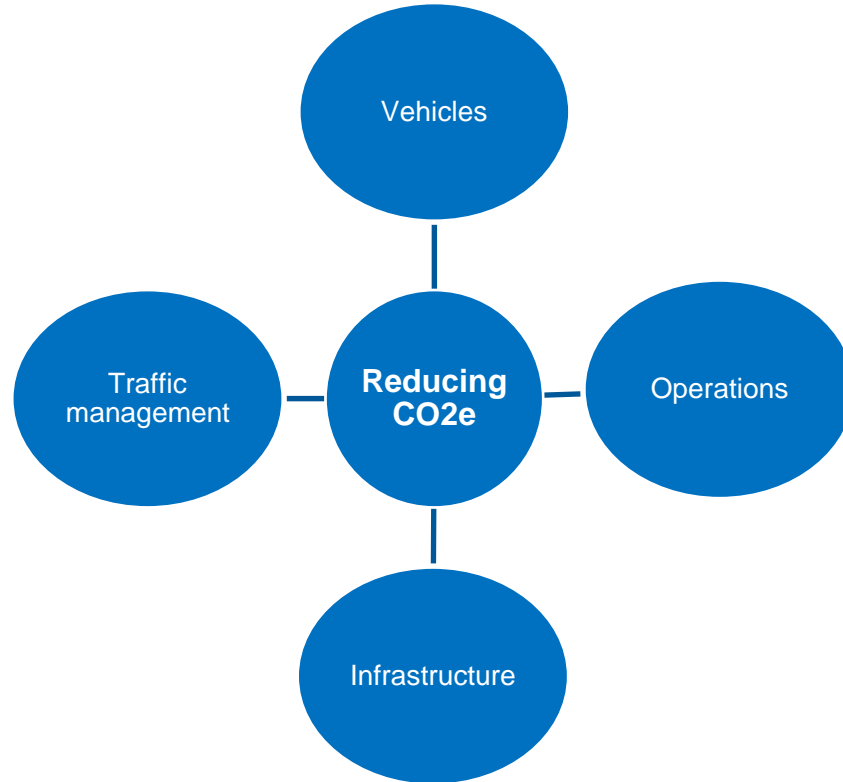
- Division via duty cycles and mission profiles is key – targets shouldn't apply to weighted averages as this would obscure differences
- Derogations for vocational vehicles
- Whole vehicle approach
- Flexibility for manufacturers = more choice for operators + lower prices (average targets per vehicle group; pooling; trading etc).

Moving beyond a tailpipe approach

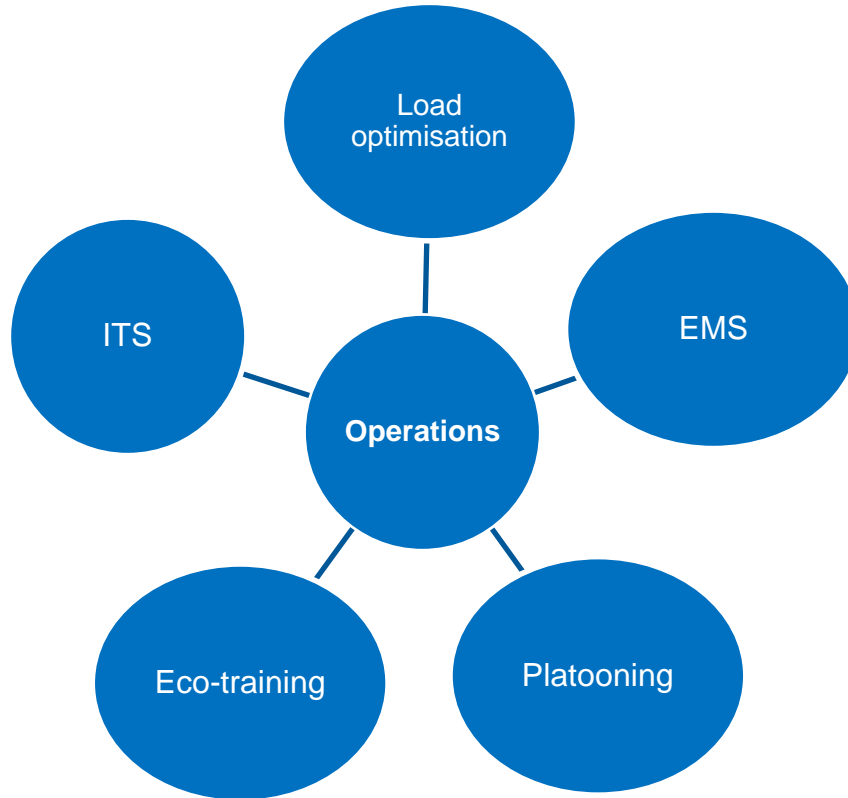


- Complex sector – we need all alternative fuel options on the table
- Recognition of the role of low-carbon fuels
- ICE will continue to play a role – shouldn't disadvantage it's further improvement
- Lifecycle Analysis information for buyers

Integrated approach



Integrated approach



Uptake of fuel efficient technologies



- Certainty and stability is key
- It's all about the business case
- Operational efficiency incentives are there but not if results dissipate
- Access to capital
- Information gap
- Many players – different incentives

Bridging the gap



- Regulatory stability to facilitate innovation
- Take into account uptake costs – provision of incentives
- Leasing/ hiring flexibility to boost fleet renewal
- Loans should take into account fuel efficient technologies
- Access to (lifecycle) information



Consistency with other legislation



- Eurovignette Directive
- Clean Vehicles Directive



Next steps

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Further development of VECTO

A large blue arrow pointing to the right, containing the text 'Independent testing – credibility of VECTO output'.

Independent testing – credibility of
VECTO output



Thank you

