

The Phantom of Decarbonizing Freight





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Three golden rules for a keynote speech

- Never tell what others know better!
- Never repeat what has already been said!
- Never bore your audience.

Industry`s View

Shippers' top 3 focus areas to decarbonize their operations from freight?

- accurate calculation of our emissions
- modal shift
- fleet electrification

But, wait?





Where are we here?

Spot-lights on!



Emission measurement

- Guesstimation
- Blindness
- A package
- Priority for primary data?
- Enforce data sharing!
- Opt-in versus compulsory?



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GREENWISHING



European View on Modal Shift?

WE NEED TO MAKE SUSTAINABLE ALTERNATIVES WIDELY AVAILABLE TO ENABLE BETTER MODAL CHOICES

...., sustainable alternatives must be made widely available now in a **fully integrated and seamless multimodal mobility system**. The EU cannot rely exclusively on technological solutions: immediate action to adapt our mobility system is necessary to tackle climate change and reduce pollution.

Source: European Commission, Mobility Strategy

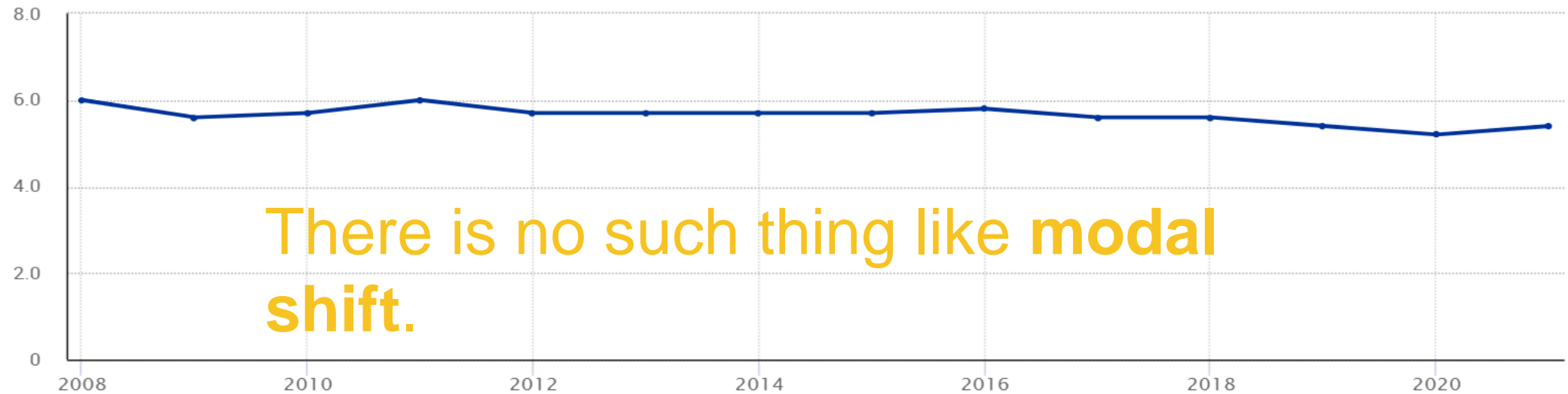
The goal of the European Commission is to **double railfreight** by 2050.

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A Trimble Company



*Putting European transport
on track for the future*

Modal shift



There is no such thing like modal shift.

European Union - 27 countries (from 2020)

Share of rail transport from 2008 - 2021

Source: EUSTAT

Modal shift

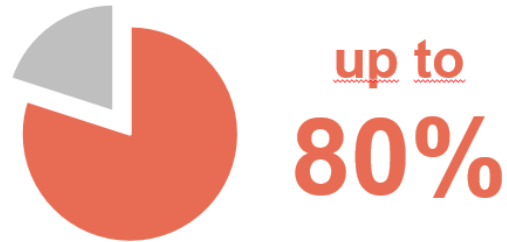
Manual

6 out of 35

Number of IMs with IT interface to
European capacity booking system

Source: UIRR

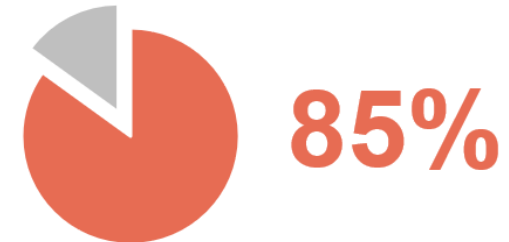
Annual



Train paths changed after
publication of annual timetable,

+25% admin. cost increase
per path change

National



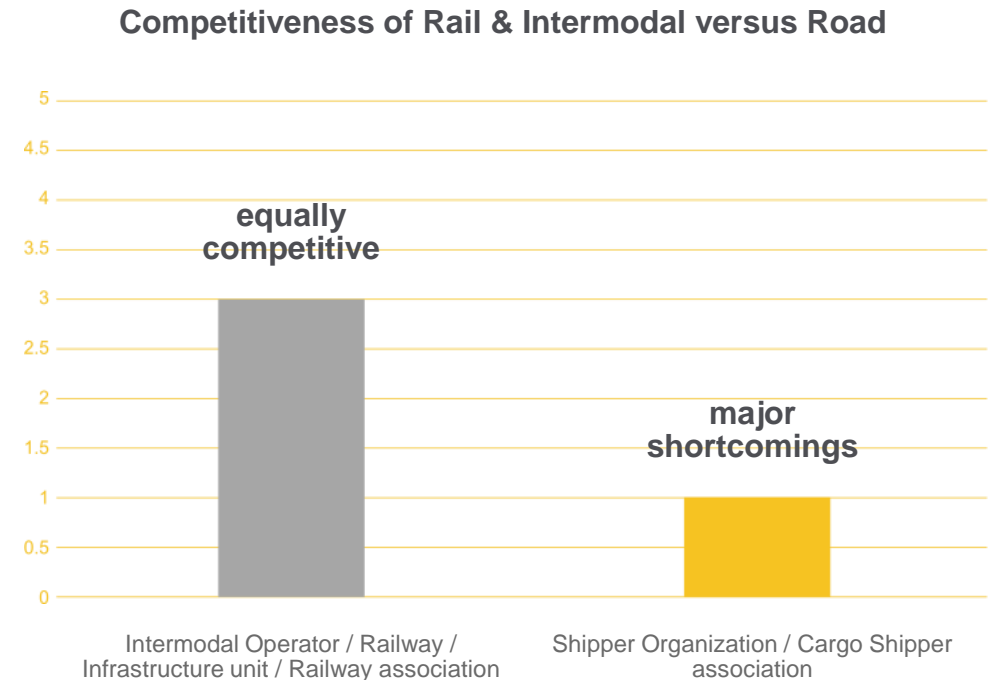
Share of cross-border freight traffic
allocated nationally
(one-stop shops: 15%),

nearly 9 in 10

cross-border trains use lines
outside Rail Freight Corridors

Modal shift

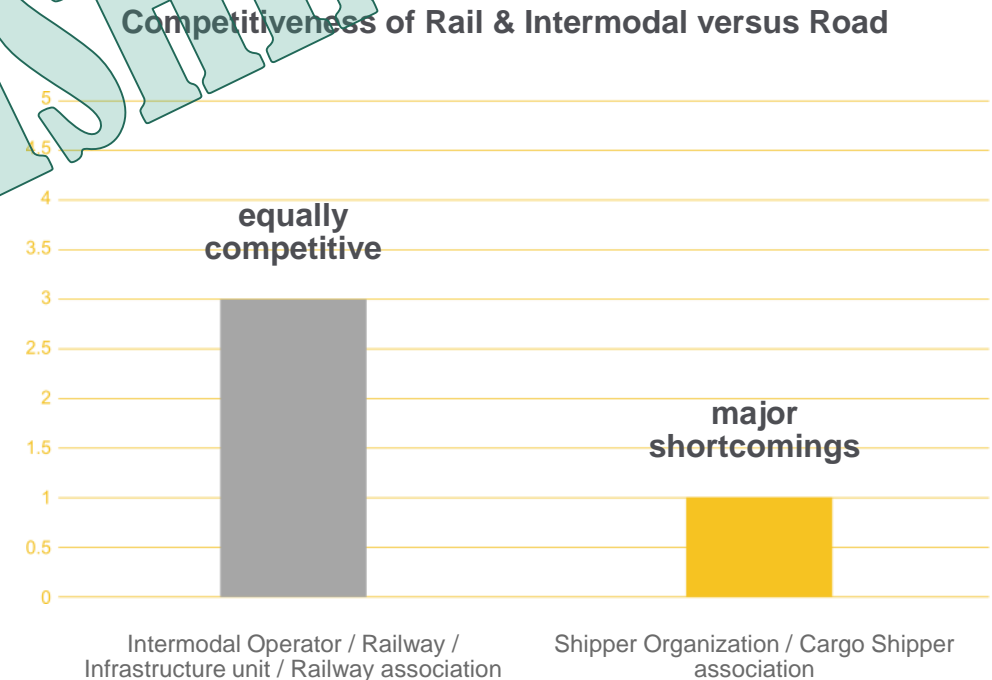
- *“Rail and intermodal transport is being operated in islands”*
- Where is this ... customer??
- Lack of integration in other SCSs
- Again a package?!



Source: ALICE survey 2022.

Modal shift

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Fleet electrification

- Electric HDV's Sales 0,6%₀₀ (2022, BEV+hybrid+hydrogen)
- BEV 300% / Hydrogen 500% (purchase compared to an ICE)
- TSM needed for MCS
- Green energy?
- OEMs production forecast 70.000 = 25% (HDVs by 2030)

Fleet electrification

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How to get out of

GREENWISHING

How to get out of Greenwashing

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- Collaboration
- Enforced (!) data sharing
- More radical initiatives



Thank you
for your attention.