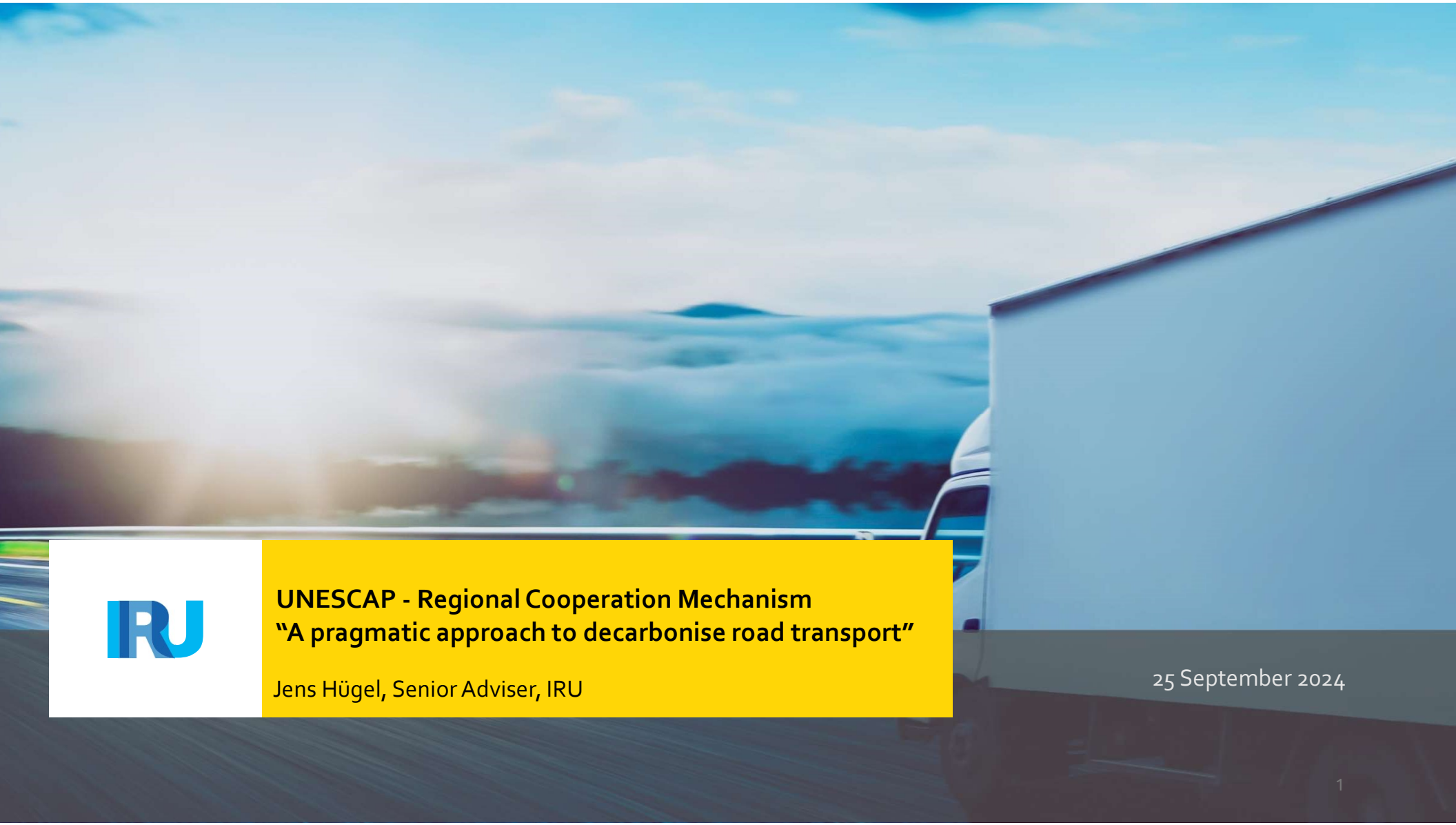


UNESCAP - Regional Cooperation Mechanism
"A pragmatic approach to decarbonise road transport"

Jens Hügel, Senior Adviser, IRU

25 September 2024

IRU



The world's road transport organisation

IRU is the global voice of companies providing commercial road transport, mobility and logistics services.

160+
members

80+
countries

60%
logistics

40%
mobility

The essential role of road transport

Delivering daily goods



IRU Green Compact
A decarbonisation journey

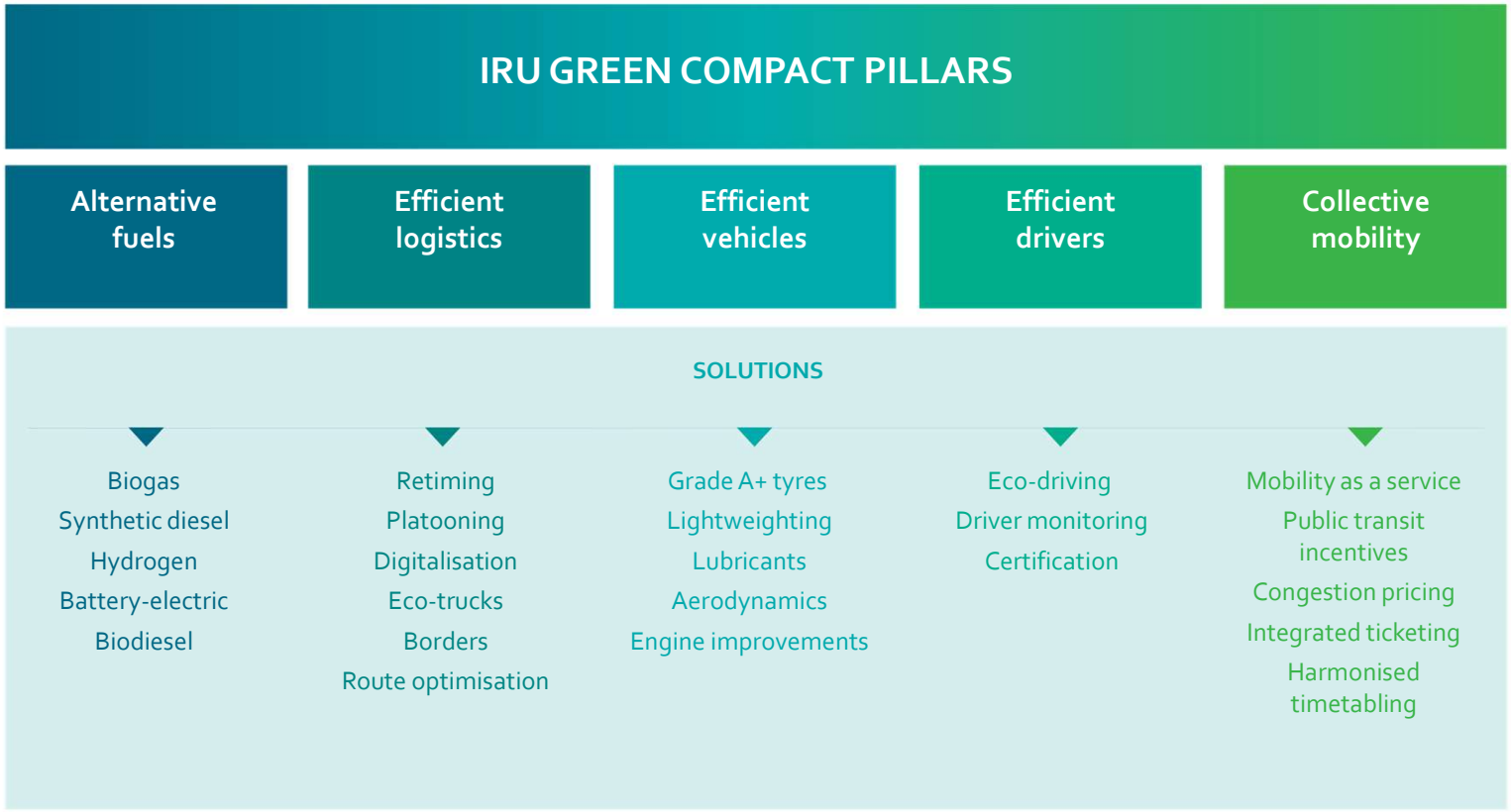
IRU's Green Compact
is a collective commitment on carbon neutral commercial road transport by 2050

A pragmatic and realistic roadmap
to reach carbon neutrality by 2050

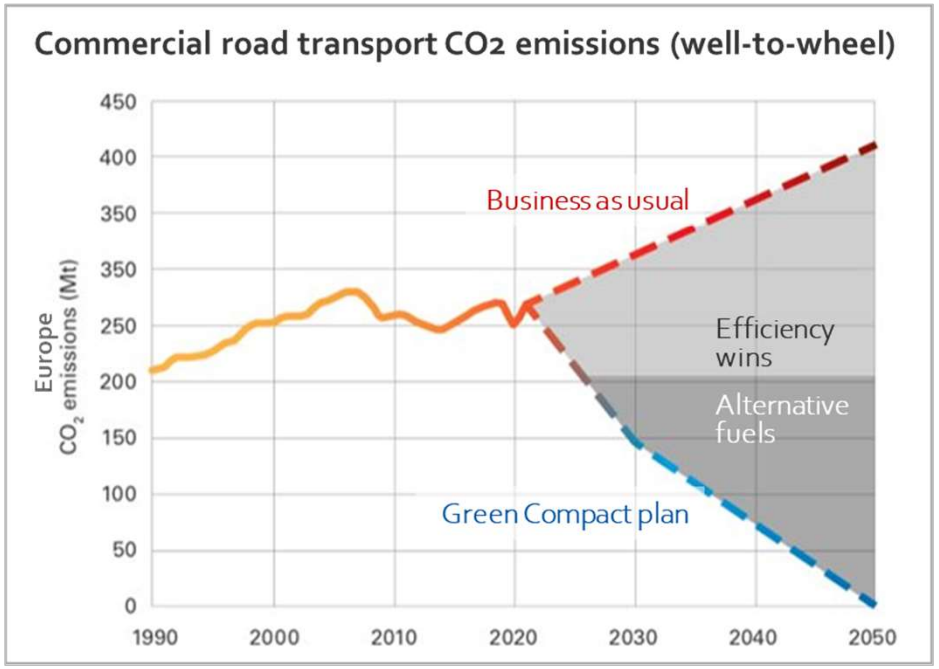
NO SILVER BULLET
that works for all regions



IRU Green Compact
A holistic approach



IRU Green Compact
A dual approach



1st lever

Working on energy savings

> 50% of carbon reduction potential

2nd lever

Transition to cleaner fuels

Costs and available energy oriented

Biodiesel

Electric

Biogas

eFuel

H_2

IRU Green Compact
A cost efficient approach

A parallel focus on energy efficiency and alternative fuels is 19% more cost effective for public and private sector investment for the industry to reach net zero emissions by 2050.

- 19%

Implementation - a green corridor approach

Use eco-trucks



Vehicle combinations which carry more goods than standard vehicle combinations, offer a quick and workable solution to meet ambitious decarbonisation targets

Implementation - a green corridor approach

Deploy trained drivers





Driver training enhances fuel efficiency and facilitates the transition to low carbon vehicles

Implementation - a green corridor approach

Optimise border crossing procedures



TIR

	Best case scenario		Worst case scenario	
	Normal transit	TIR	Normal transit	TIR
Idling time (in hours)	18	4	48	6
CO2 emissions at the highest estimate (kg/h)	*23.8*	*23.8*	*23.8*	*23.8*
Total CO2 emissions at the highest estimate (kg)	428.4	95.2	1'142.4	142.8
CO2 savings at the highest estimate (kg)		333.2		999.6

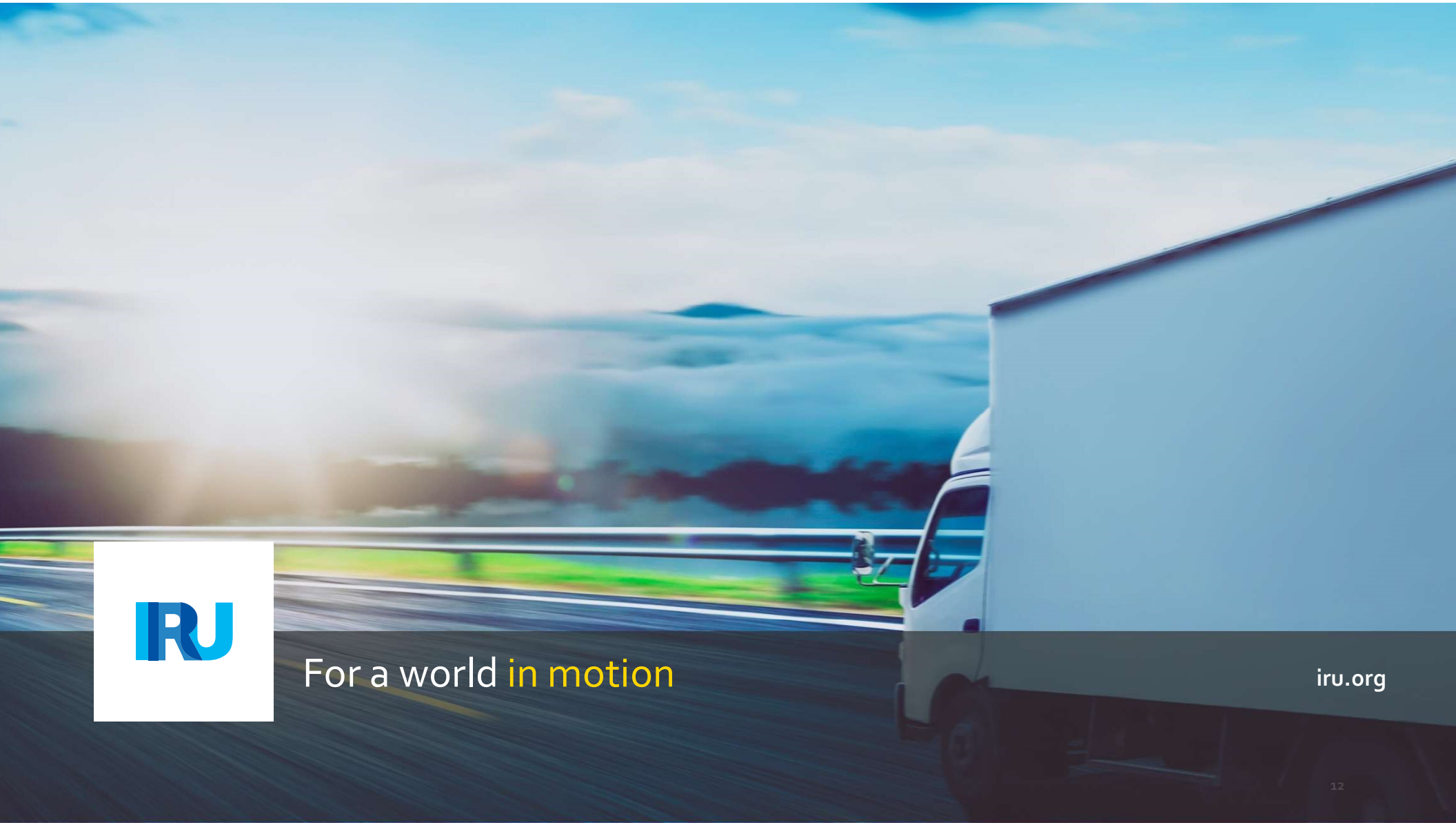
Reduction of border crossing times, thus CO_2 emission savings

Implementation - a green corridor approach

Public Private Partnership



Global coordination is a sine qua non condition for efficient decarbonisation


For a world in motion
iru.org