

Ralf-Charley
Schultze

President of UIRR



RAILFORUM 2023
- A DECADE OF THE GREEN TRANSITION

COMBINED TRANSPORT, THE EUROPEAN SOLUTION

The UIRR Galaxy



PARTNERS

MOU PEERS



UIRR OPERATORS



UIRR TERMINALS



INDUSTRY ASSOCIATION PEERS UIRR INTRODUCTION

GOVERNMENTAL BODIES



Mission and vision

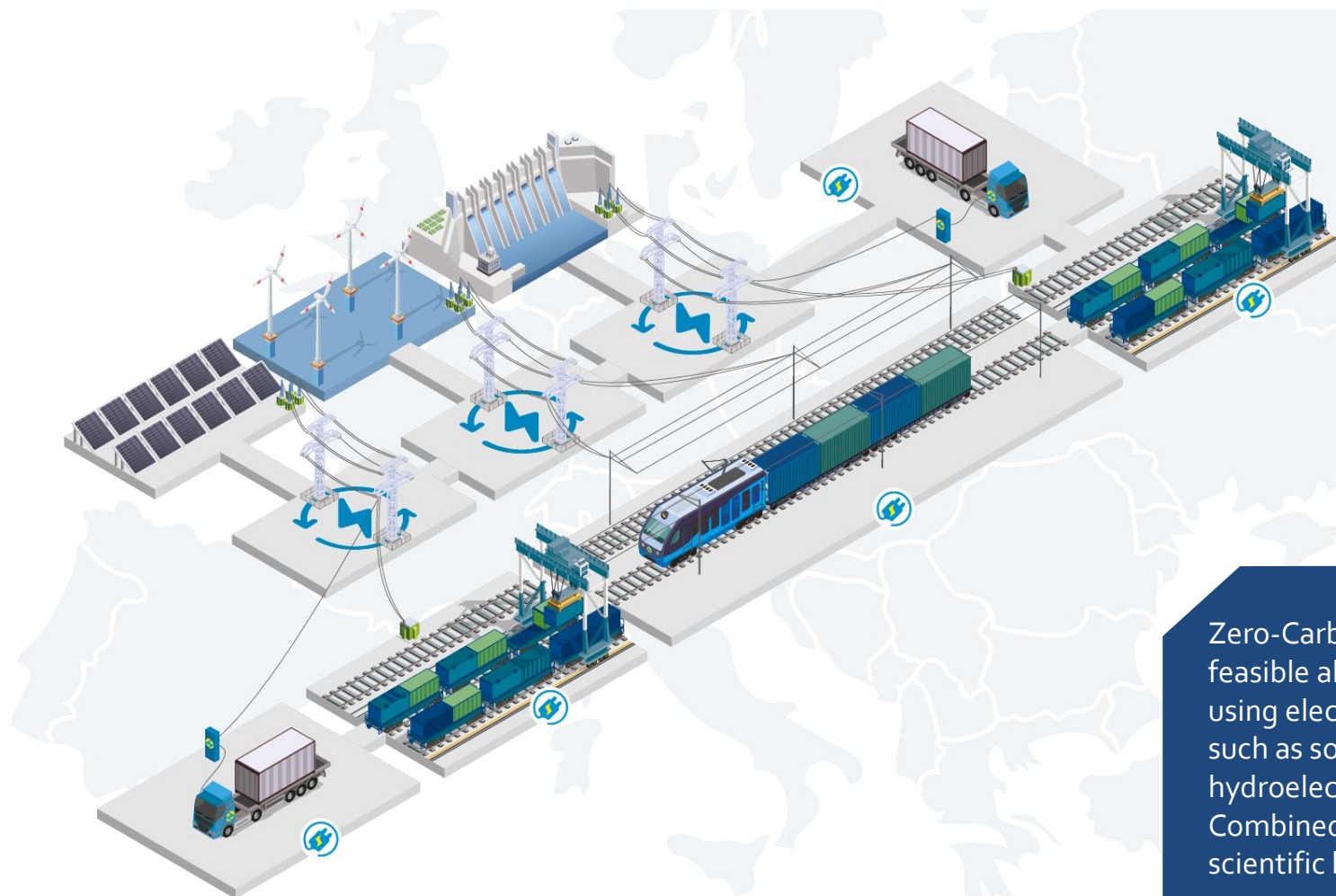


Zero-Carbon Combined Transport is the solution for well performing longer distance surface freight logistics in a carbon-neutral Europe



UIRR advances the development and actively promotes competitive zero-carbon Combined Transport for Europe

Zero-Carbon Combined Transport



Zero-Carbon Combined Transport is feasible already in 2021* through directly using electricity from renewable sources such as solar powerplants, windmills and hydroelectric plants. Zero-Carbon Combined Transport does not require scientific breakthroughs.

The policy environment turned positive in 2019

The European Climate Law requires:

55% CO₂ reduction by 2030 and full carbon neutrality by 2050

- the transport sector is beginning to respond



What is the European Green Deal?

December 2019
#EUGreenDeal

The European Green Deal is about **improving the well-being of people**. Making Europe climate-neutral and protecting our natural habitat will be good for people, planet and economy. No one will be left behind.

The EU will:

- Become climate-neutral by 2050
- Protect human life, animals and plants, by cutting pollution
- Help companies become world leaders in clean products and technologies
- Help ensure a just and inclusive transition

"The European Green Deal is our new growth strategy. It will help us cut emissions while creating jobs."
Ursula von der Leyen, President of the European Commission

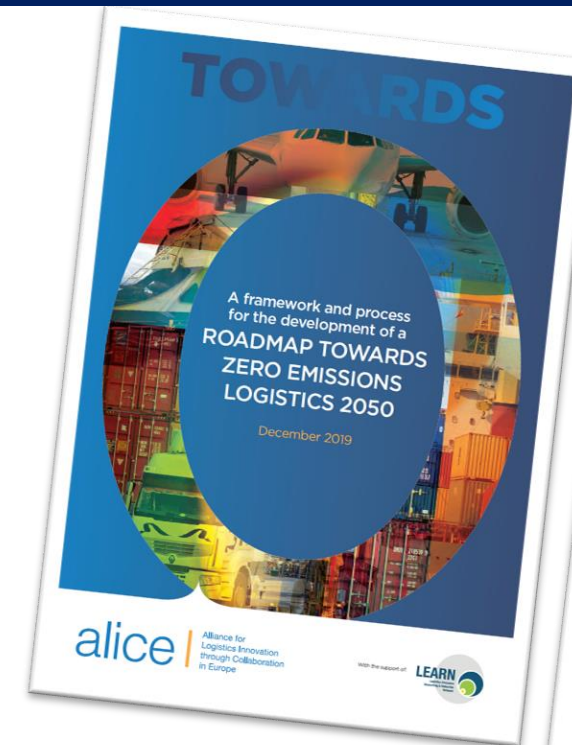
"We propose a green and inclusive transition to help improve people's well-being and secure a healthy planet for generations to come."
Frans Timmermans, Executive Vice-President of the European Commission



SUSTAINABLE & SMART MOBILITY STRATEGY

Putting European transport on track for the future

#MobilityStrategy



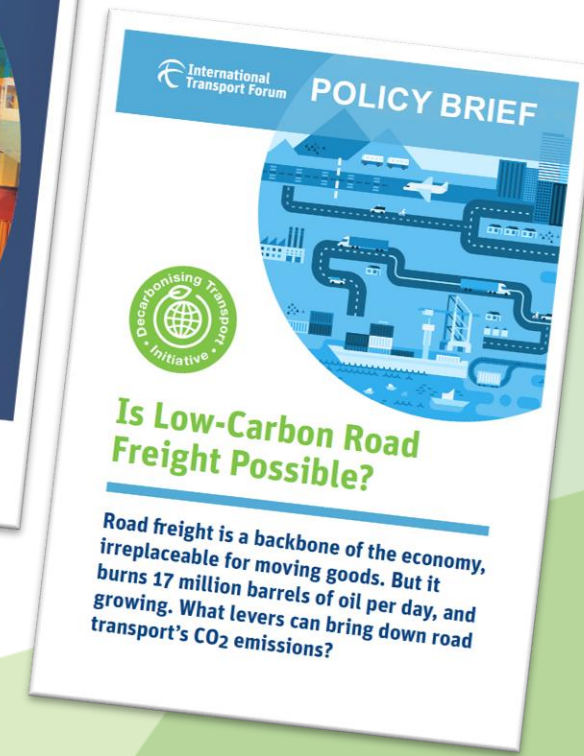
TOWARDS

A framework and process for the development of a
ROADMAP TOWARDS ZERO EMISSIONS LOGISTICS 2050

December 2019

alice | Alliance for Logistics Innovation through Collaboration in Europe

With the support of **LEARN**



International Transport Forum

POLICY BRIEF

Is Low-Carbon Road Freight Possible?

Road freight is a backbone of the economy, irreplaceable for moving goods. But it burns 17 million barrels of oil per day, and growing. What levers can bring down road transport's CO₂ emissions?

European legislative initiatives for freight

Fit for 55 Package: Emission Trading System for freight and energy taxation to impact fossil fuel use

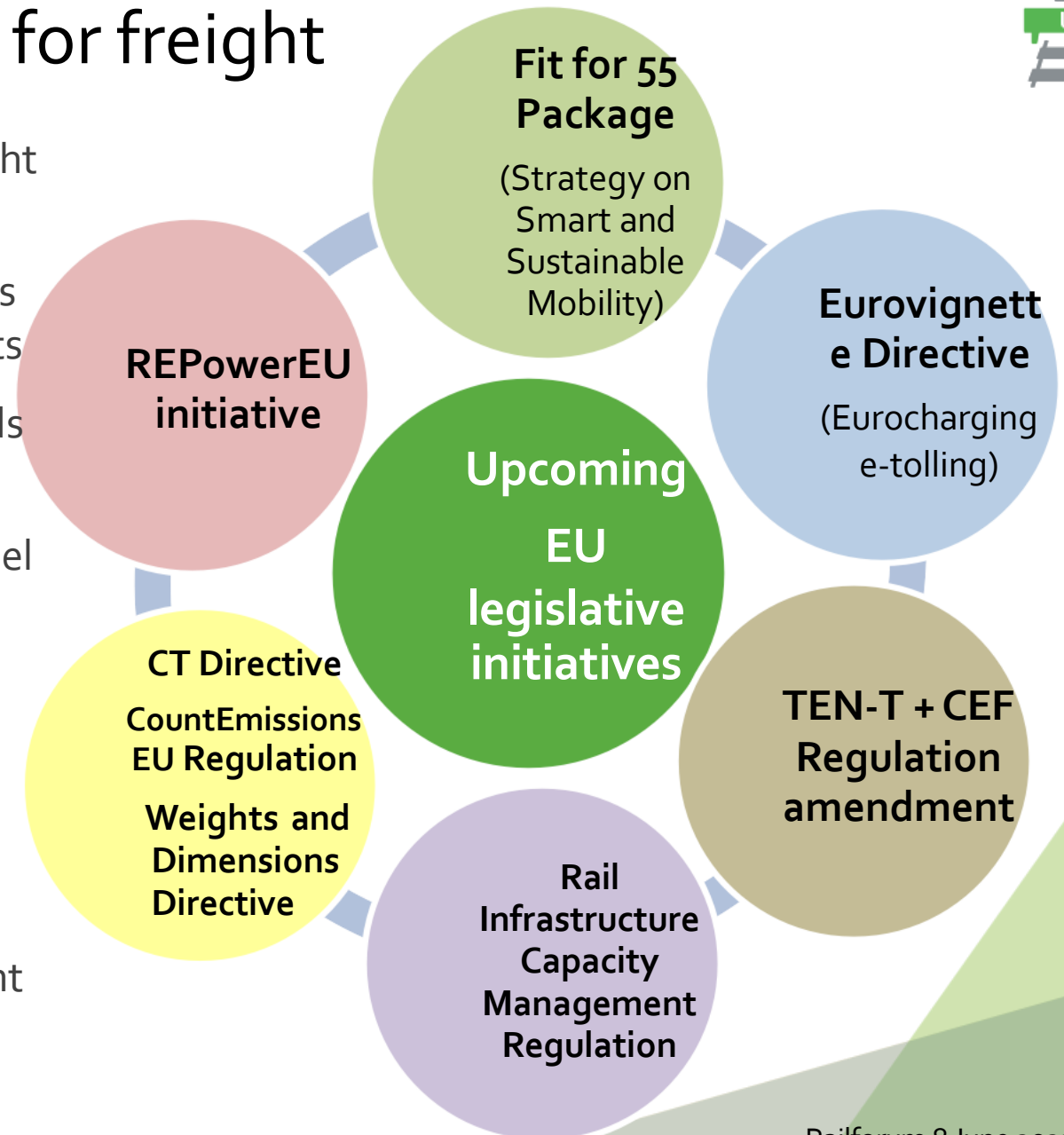
Eurovignette Directive: introduction of the user-pays principle as part of the internalisation of external costs

TEN-T+CEF Regulations: more focus on freight needs in TEN-T technical parameters + KPIs for freight

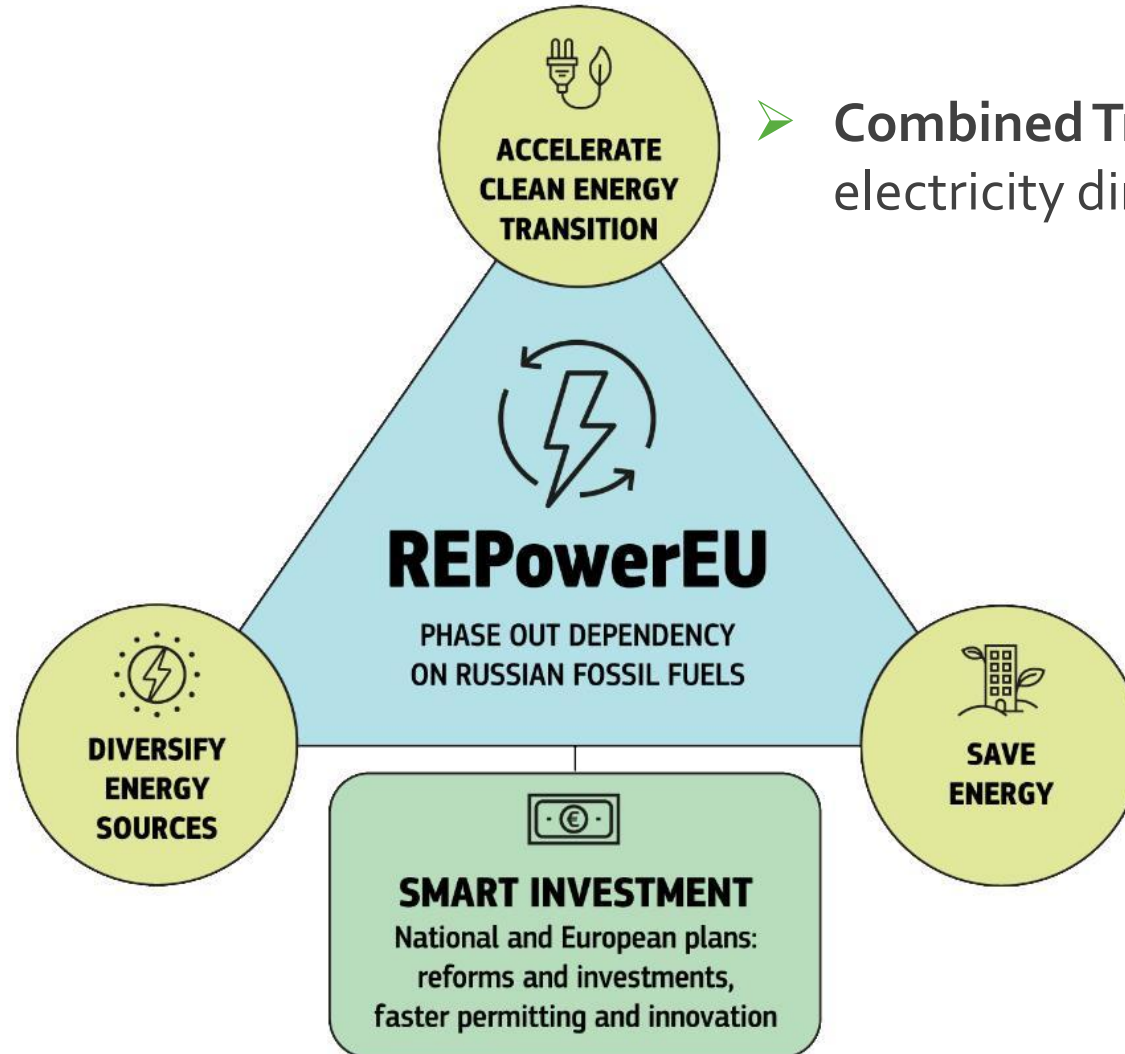
REPowerEU initiative: energy efficiency and fossil fuel decoupling

The Greening Freight Package:

- **Weights and Dimensions**: compatibility with intermodal transport maintained
- **CT Directive amendment**: improved definition and enhanced benefits + transparency and accountability
- **CountEmissionEU Regulation**: emission assessment standards
- **Rail Capacity Management Regulation**: more and better train paths for freight



REPowerEU: Energy crisis and the war in Ukraine



➤ **Combined Transport** uses renewable electricity directly from the grid

➤ **Combined Transport** uses electricity to a large extent already today – with minimal battery needs

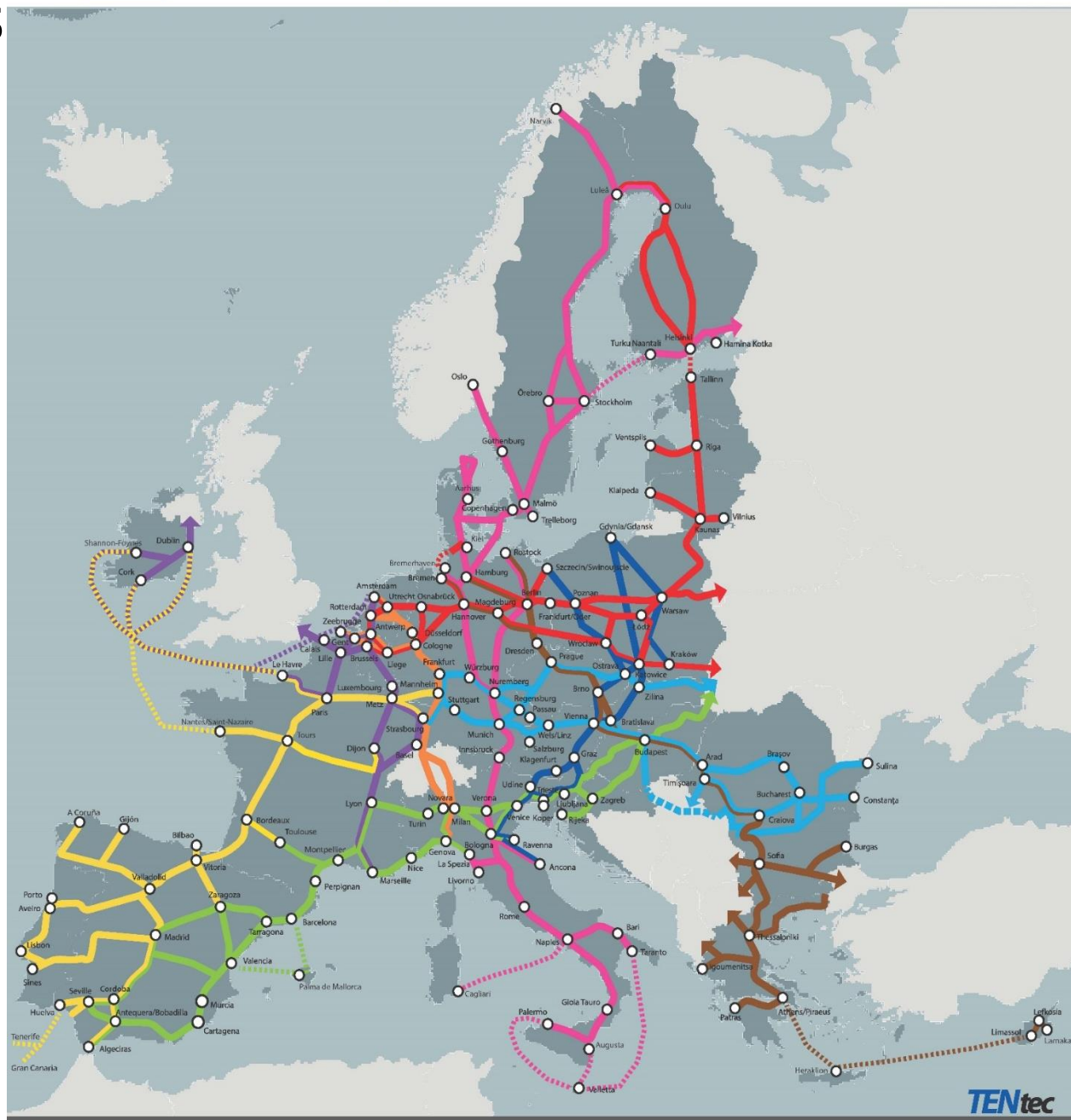
➤ **Combined Transport** uses 40-70% less energy per tonne-kilometre than unimodal trucking

TEN-T guidelines



European
Commission

TRANS-EUROPEAN TRANSPORT NETWORK
TEN-T CORE NETWORK CORRIDORS



The Greening Freight Package: a historic opportunity

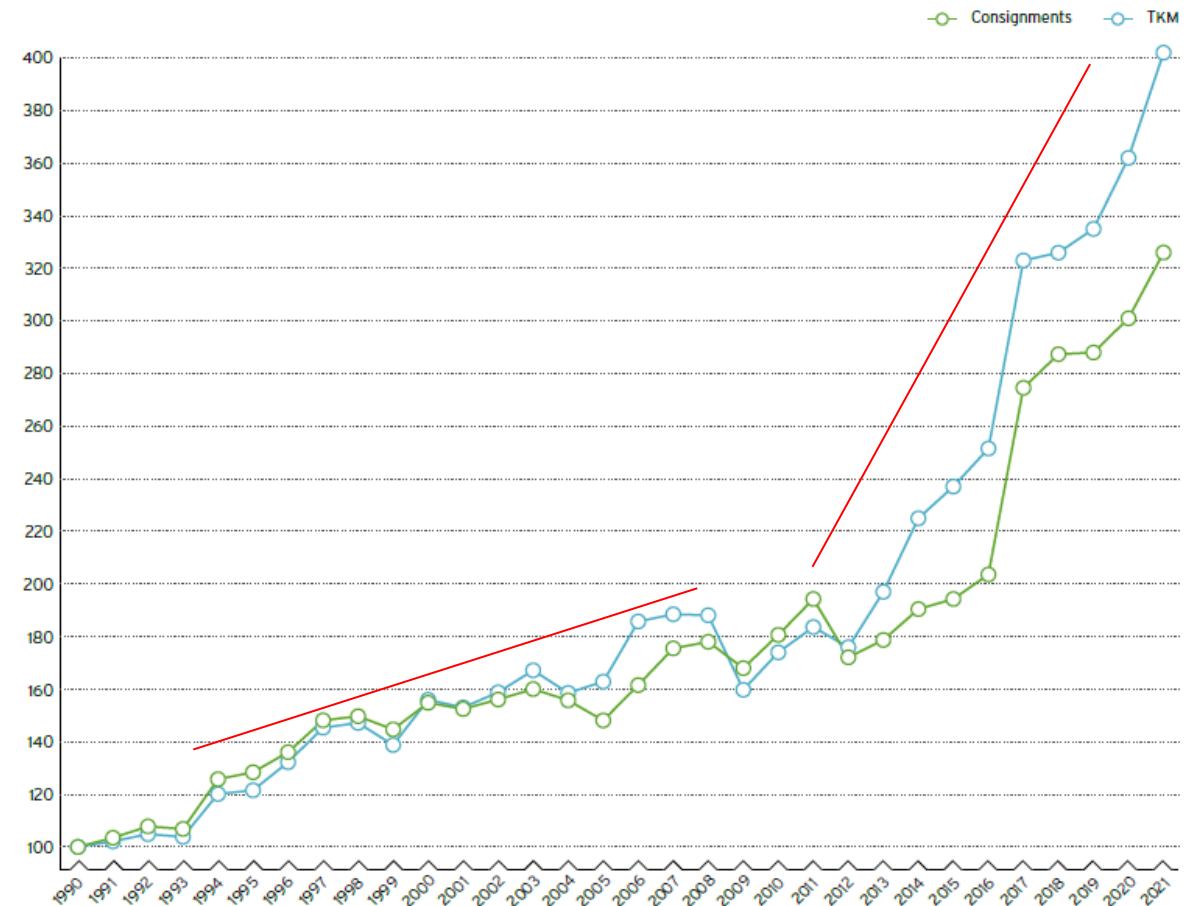


- **CT Directive amendment:** improved definition and enhanced benefits + transparency and accountability
- **CountEmissionEU Regulation:** emission assessment standards
- **Rail Capacity Management Regulation:** more and better train paths for freight
- **Weights and Dimensions:** compatibility with intermodal transport maintained

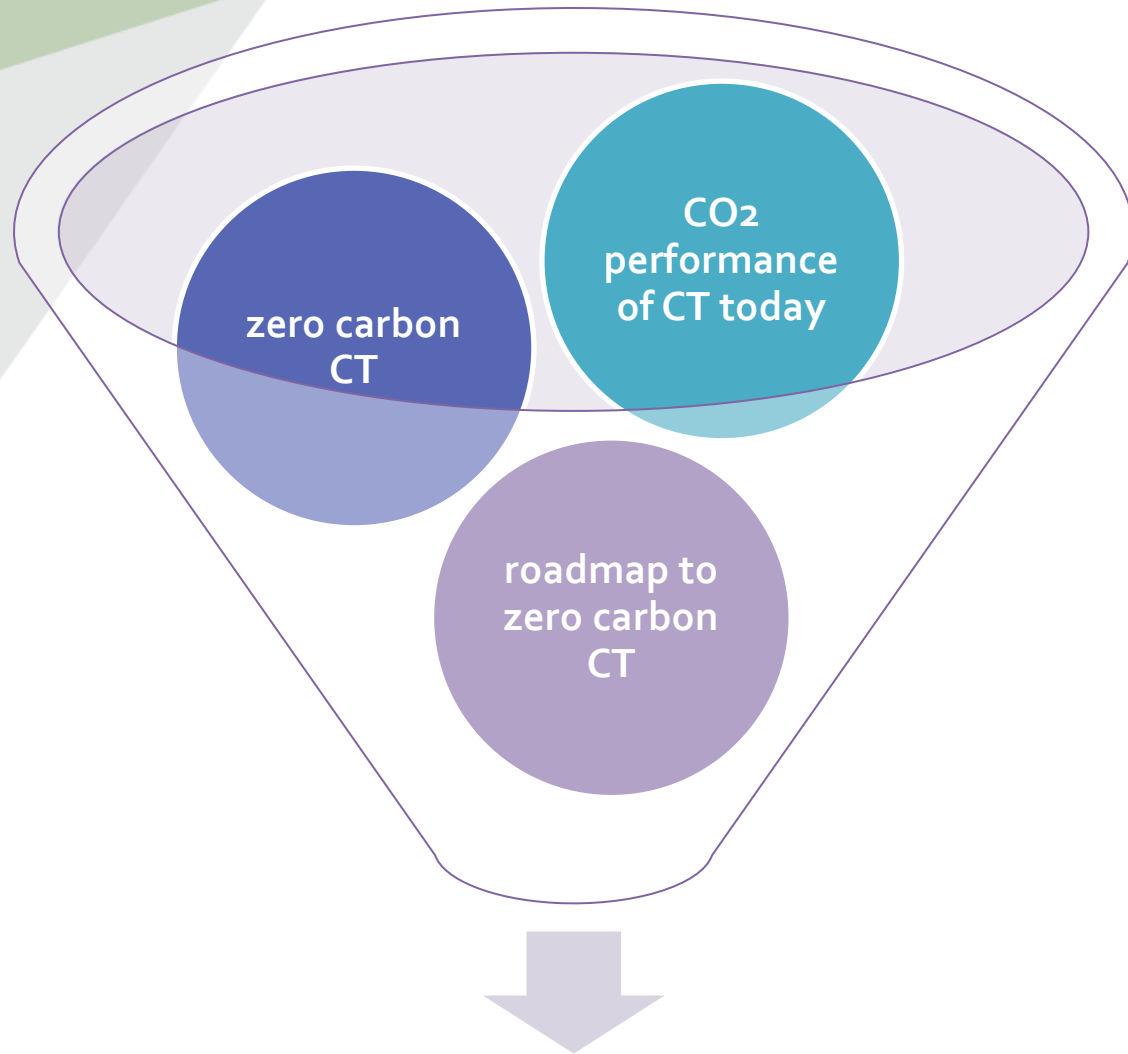


UIRR CT Growth Index

CONSIGNMENTS AND TONNE-KILOMETRES (REFERENCE YEAR: 1990 = 100)



The CT4EU Campaign



Combined Transport is the low hanging fruit

CO₂ performance of door-to-door CT today:

40-70% greater energy efficiency,
60-90% smaller carbon footprint

Zero-Carbon door-to-door CT:

technically feasible with products marketed today
superior efficiency compared to alternatives

Roadmap to Zero-Carbon CT:

€16,5Bn annually into infrastructure
€1,5Bn annually into intermodal assets
= 5% year-on-year growth deliver the results

Affordable, effective and low risk = Combined
Transport, the solution to EU policy objectives

COMBINED TRANSPORT'S FIRST 70 YEARS: **PROVIDING SOLUTIONS**

Connection
between
continents



- Reducing pollution
- Mitigating road congestion and road accidents

370bn tkm of rail freight
(50% is intermodal)
should be increased by
130bn



1950/60

1970

1980/90

2000

2030

2050



Maintaining land
transport in Europe
in a time of oil crises



Modal shift to curb
the unabated growth
of road haulage



rail freight should be
800bn tkm [while long
distance trucking
under 500bn tkm]

PRESENT DAY CHALLENGES: **COMBINED TRANSPORT RESOLVES**

I.

EXCESSIVE CARBON EMISSIONS FROM ROAD TRANSPORT

heavy trucks account for 25% of road emissions



II.

TRUCK DRIVER SHORTAGE

hundreds of thousands of long-distance truckers will retire in the next decade without replacement



III.

ENERGY DEPENDENCE ON EXTERNAL SOURCES

Europe can not provide for its energy needs today, which becomes a security risk for its economy and society



4 years of the CT4EU campaign: 2021-2024

2021-22: studies, design, website, social media presence, organisation

2023-24: dissemination actions by UIRR Members and Partners (60), MoU peers (30), Supporters (12 and growing), railway undertakings (CER and ERFA members) - altogether nearly 200 actors

EU BUBBLE

COORDINATOR: UIRR

Studies to underpin the messaging, visuals, methodology and event support

IN COLLABORATION BRUSSELS PEERS
to address the European Parliament and
the European Commission decisionmakers

MEMBER STATES

COORDINATOR: NATIONAL ASSOCIATIONS
MoU Peers of UIRR in the various Member States

NATIONAL DELEGATIONS TO COLLECTIVELY
COMMUNICATE
consisting of Combined Transport operators, terminal
managers, traction providing railway undertakings,
shippers committed to intermodal and technology
providers based on the specific Member State

New Reality: crisis management

- Punctuality of freight trains
- Energy price crisis
- Infrastructure capacity for freight trains
- War in Ukraine

SUMMARY

Decarbonisation (also as the future of the EU economy)

Energy- and resource-efficiency (optimal use of the Earth's resources)

Decoupling from imported fossil fuels (self reliance and security)

Combined Transport is the affordable, effective and low-risk solution



THANK YOU

For your attention

RALF-CHARLEY SCHULTZE
President

AKOS ERSEK
Chief Policy Advisor

RAILFORUM

 KOUVOLA | FINLAND

Vihreän siirtymän vuosikymmen