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1.0 About the TDA

The Transport Decarbonisation Alliance (TDA) is a unique international collaboration of countries, cities/regions, and companies designed to accelerate the worldwide transformation to net-zero-emission mobility before 2050.

The TDA was launched at the 23rd Conference of the Parties (COP23) of the UN Framework Convention on Climate Change (UNFCCC) in November 2017. It was also included as a global commitment of the One Planet Summit in Paris the following month. The alliance was officially established in May 2018 at the International Transport Forum (ITF) in Leipzig.

The TDA builds on the commitments of heads of state, mayors, and company leaders to decarbonise transport before 2050 by reducing emissions from all modes of passenger mobility and freight transport, including land, aviation, and maritime transport.



2.0 Introduction by the TDA Chair



Stientje van Veldhoven
Minister for the Environment,
the Netherlands

For once it is positive to have a 'race to zero'. Building a zero emission future is not just an appealing alternative, a romantic notion. Technological development, momentum and commitment are swiftly picking up speed. It is paramount we realise it.

Cities, countries, and companies around the world are strongly committed to a carbon-neutral future to limit climate change and create a greener planet with healthier people and sustainable jobs. They understand that fulfilling that commitment requires a worldwide transition to carbon-free transport.

With this momentum, we now know it is no longer a question of whether the transport sector will become emission-free before mid-century—but of how.

This year the work of the Transport Decarbonisation Alliance (TDA) and its partner organisations made the 'how' a little clearer. Through events and publications, it clarified the role for enabling policy such as clear decarbonisation targets; market development and uptake; innovative public/private partnerships as well as innovation and determination.

I am proud to have had the opportunity to chair the TDA during this difficult year. Despite restrictions imposed by the pandemic, the TDA managed to lead and contribute to world-class online conferences; commission substantive research; and develop significant publications.

In these pages, you'll learn about these milestones, among many more:

- *The En Route to COP26 event in December 2020, which gathered more than 1000 participants online from all aspects of transport and sustainability.*
- *An inspiring draft synthesis of ways to build back better, making green transport a centrepiece of global economic recovery.*
- *A series of workshops, conferences and lessons learnt on speeding up the decarbonisation of urban freight and bolstering vehicle availability.*
- *A practical guide on Zero-Emission Freight Zones in Cities*
- *The start of a Global MoU towards decarbonised freight, to be signed and presented at the UNFCCC COP26 in Glasgow, in November 2021.*

The TDA brings together frontrunners from cities, companies and countries. That is crucial. Their joint efforts will shape and determine the speed of the transition to carbon-free transport.

It will take all of us to achieve a greener, cleaner and healthier planet. But together we can do it. So do join our efforts and be part of driving and accelerating the change to carbon-free transport.

Here's to a healthier, even more ambitious, 2021.

Let's jointly shift to the next gear!





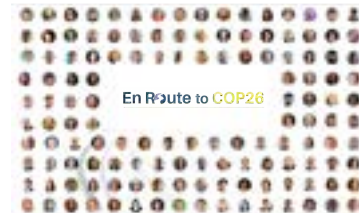
3.0 Highlights of 2020

Despite the challenges of the COVID-19 pandemic, the TDA successfully engaged our core audience by pivoting to webinars, online conferences, and other virtual events.

3.1 TDA 3C events to accelerate the shift to net-zero transport

- **En Route to COP26: A high-level event to drive action for zero-emission transport now**

In December, the TDA initiated, together with the SLOCAT Partnership, the three-day, digital *En Route to COP26* event. It featured 150 speakers and an audience of over 1000 participants, including decision-makers and experts from throughout the public and private sectors, civil society and academia, spanning many generations and nationalities. *En Route to COP26* presented cutting-edge thinking on key challenges, including phasing out the internal combustion engine, transforming urban mobility, and fostering sustainable maritime transport for Small Island Developing States. The co-organisers of *En Route to COP26* were: EUROCLIMA+; FiA Foundation; the Federation of Indian Chambers of Commerce & Industry; GIZ; Institute for Transportation and Development Policy; Movin'On; Rocky Mountain Institute; Sustainable Mobility for All; Transport Scotland; the International Association of Public Transport; and the World Resources Institute; in partnership with the Alliance of the Small Island States and the Smart Freight Centre.

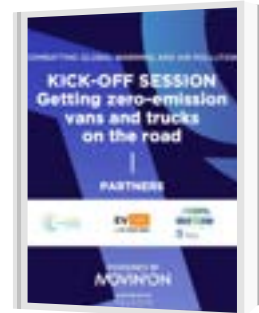


- **Introduction of the workshop series: Getting Zero-Emission Vans and Trucks on the Road!**

In partnership with The Climate Group's EV100 and CALSTART/Drive to Zero, the TDA launched a series of online workshops to engage the 3Cs to speed up supply, demand, and supporting policies for zero-emission commercial vehicles. The first session, organised with Movin'On, brought together more than 70 participants from the public and private sectors and collected key learnings in a comprehensive report.

Keynote speakers included:

- Bill van Amburg, Executive Vice President of CALSTART.
- Stientje van Veldhoven, Chair of the TDA and Dutch Minister for the Environment.
- Nigel Topping, United Kingdom High-Level Climate Action Champion for COP26.



- **Regional Supply and Demand Dialogues to Speed up Vehicle Availability**

Part of the *Getting Zero-Emission Vans and Trucks on the Road!* mission, three regional supply and demand dialogues furthered 3C cooperation. The first of the online forums centered on Europe, co-hosted with the European Clean Trucking Alliance (ECTA). The next focused on challenges and opportunities in North America, and the third on those in India.



- **Lessons Learnt from International Leadership**

The TDA held the finale of the *Getting Zero-Emission Vans and Trucks on the Road!* project during Climate Week NYC. This virtual event summed up key learnings from our sessions on zero-emission trucks and vans in Europe, India, and the United States. A panel of industry and policy leaders discussed implications for further development of the global zero-emission commercial vehicle market.

- **Webinar Series: Learning from Zero-Emission Zones around the World**

The TDA and C40 cities co-hosted this four-part series to share experiences of cities in Europe and Asia as they plan and implement zero-emission zones for freight. Experts from the 3Cs analysed hurdles and successes in Beijing, London, Shenzhen, Shanghai, and The Netherlands.

3.2 TDA participation in other global events

The TDA also brought its vision and message to the forefront of advocacy for a carbon-free future to a number of high-level events organised by partners and key international organisations.

- **The World Economic Forum**, Davos, February - Participated in an event organised by ABB, bringing together key leaders and stakeholders working on the transformation of transport.
- **Transport and Climate Change Conference: Creating Confidence in the Feasibility of Change**, Berlin, March - Organised an event on 3C engagement in transport decarbonisation during this key week focused on the wider transformation of transport.
- **Race to Zero Dialogues - Transport**, UNFCCC, November - Engaged in sessions organised on the transport day of the virtual dialogues
- **2020 Annual Polis Conference**, December - Launched the publication *A How-to Guide for Policymakers - Zero-Emission Zones: Don't Wait to Start with Freight!*



3.3 TDA leadership in high-level advocacy for net-zero transport

- **Global Memorandum of Understanding (MoU) to Decarbonise all Trucks and Buses**

The TDA and the Netherlands have recently launched a process to set ambitious global targets for decarbonised freight vehicles and buses for 2030 and 2050. The MOU is intended as a commitment and a strong signal to the market to speed up the transition, and is open to signature by world leaders. The aim is to present this global MoU at the UNFCCC COP26 in Glasgow in November 2021 with the largest possible group of signatories.

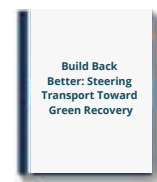
- **Call for Zero-Emission Freight Vehicles**

The TDA continues to contribute to accelerating the market for carbon-neutral freight vehicles through the [Call for Zero-Emission Freight Vehicles](#), launched in 2019. This call to action requests pledges from corporate fleet owners, cities, and countries to purchase zero-emission freight vehicles — demonstrating to producers that they will have buyers. So far, 83 signatories have collectively pledged interest in purchasing nearly 265,000 freight vehicles — from delivery vans to heavy-duty trucks.

4.0 Major Publications

- ***Build Back Better: Steering Transport Toward Green Recovery***

During the pandemic, the TDA commissioned the World Resources Institute (WRI) to synthesise the latest and best thinking on global recovery from the pandemic and economic crisis. The initial findings were presented at *En Route to COP26*, during Session 8 on *How to make the economics for transport decarbonisation work during this global recession?* and at *Transforming Transportation*, hosted by the World Bank and WRI in February 2021. The researchers found that prioritising green transport will enable countries, cities, and companies to reach economic, health and equity goals as well as climate targets. The report highlights key opportunities in public transport, walking and cycling, and decarbonising of passenger and freight vehicles, rail, and aviation. The final report is due to be released and will include recommendations on how cities, companies, and countries can maximise the potential of building back better in their joint efforts.



- **En Route to COP26 Outcome Document**

Highlights essential transport decarbonisation messages towards COP26. It also outlines exciting initiatives announced during *En Route to COP26* to further enable and accelerate collective action. It provides no-regret recommendations for action by different stakeholders.



- **A How-to Guide for Policymakers - Zero-Emission Zones: Don't Wait to Start with Freight!**

Prepared by the TDA, POLIS, and C40, and based in part on a wider webinar series, this guide presents lessons learnt from cities in Europe, Asia, and North America that are encouraging zero-emission freight vehicles, as well as achieving other urban goals, by devising zero-emission zones for freight.



The TDA launched the guide at the 2020 Annual POLIS Conference.

- **ZEVF ACTION Group Vision Paper**

This paper introduces the strategy developed by the ZEVF ACTION Group for getting to net-zero-emission freight transport by 2050, part of the work of Component 3 of the Action towards Climate-friendly Transport (ACT) initiative, launched at the 2019 UN Climate Action Summit.



- **Kick-Off Session Report: Getting zero-emission vans and trucks on the road**

This report details speakers' remarks and workshop outcomes from the first session of the five-part webinar co-hosted by the TDA, The Climate Group's EV100 and CALSTART/Drive to Zero.



5.0 Communities of Interest

5.1 Zero-Emission Freight



The Zero-Emission Freight Col aims to make zero-emission freight vehicles commercially viable by 2025 and the norm by 2040. Members from each of the 3Cs are working to develop policies, infrastructure, and incentives to get zero-emission freight vehicles on the road.

This Col inspired and organised many of the 2020 online events mentioned above, as well as initiated the global MoU effort towards zero-emission freight.

Members:

- Countries: France, the Netherlands, Portugal.
- Cities: Lisbon, Matosinhos, Porto (Porto Atlantic Front Alliance), Rotterdam.
 - Companies: Alstom, CEiiA, DHL, Energias de Portugal, Michelin, PTV Group.

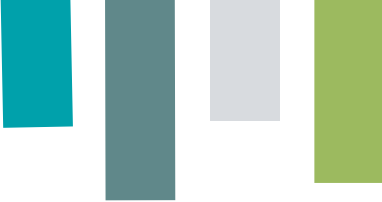
5.2 Active Mobility



During the pandemic, cities around the world have been rediscovering cycling and walking as serious means of transport. Members of the newly established Active Mobility Col from each of the 3Cs are working together to support this trend worldwide.

By the end of 2021, members expect to have produced an ambitious action plan that identifies best practices and global challenges around Hardware, Software, and Org-ware and sets concrete commitments for all 3Cs.

Along the way, members of the Col plan to compile cases and white papers, and will convene discussion spaces where leaders in active mobility show how they are creating space even in dense cities, designing and building safe infrastructure, and changing travel behaviour for good.



Members:

- Countries: France, the Netherlands, Uruguay.
- Cities: California, Lisbon, Porto, Quelimane.
- Companies: Mobicon, PTV Group.

6.0 New communications products

Funding support from the Netherlands enabled the TDA to hire a full-time communications officer in 2020, as well as a senior communications advisor for special strategic projects. The communications officer swiftly upgraded the TDA's social media feeds on [Twitter](#) and [Facebook](#); and developed the TDA's eNewsletter, which appears approximately bi-monthly.

Links to past TDA newsletters:

- [June 2020](#).
- [September 2020](#).
- [October 2020](#).
- [December 2020](#).

A new feature in the newsletter in 2020 were the '**Fireside Chats**' — interviews with members of the TDA.



*Manuel de Araujo,
Mayor of Quelimane*



*Barry Howe,
Retired Director of Sustainable
Mobility, Alstom*

In addition to these products, the senior communication advisor produced a communications strategy to optimise media and other outreach for the TDA, as well as a new brochure and a package to attract and welcome new members.





7.0 TDA Members



ALSTOM



Cabo Verde



California



CEIIA

Costa Rica



Deutsche Post DHL Group



France



Gaia



ITAIPU BINACIONAL

Lisbon



Luxembourg



Maputo



Matosinhos



Netherlands



Porto



Portugal



PTV GROUP

Quelimane



Rotterdam



Scotland



TEVVA