



TRANSPORT
DECARBONISATION
ALLIANCE



ANNUAL REPORT 2021



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Foreword



Ms. Liane M. Randolph
Chair, Transport Decarbonisation Alliance
Chair, California Air Resources Board

Dear colleagues and friends of the TDA,

As California takes its turn as the Chair of the TDA, I am eager to get to work as we all accelerate our ambition to build equitable and zero-emission transport systems. We know that transitioning to carbon-free transport is vital to support the health of our people, planet and our world economy. Every one of us must redouble our efforts to slash greenhouse gas emissions with policies that relentlessly accelerate the transition to zero emissions across all transport sectors. We will do this work best as a team; the transport system is a network and changing it requires the kinds of partnerships the TDA is creating across cities, regions, countries and companies – and translating those partnerships into concrete action. We have the power to help stop the effects of climate change in their tracks by developing and enacting policies that accelerate the transition to zero emissions across all transport sectors.

In a year marked by the many continuing challenges of the global pandemic, the TDA became even more pivotal in driving collaboration among countries, cities, regions and companies. Thanks to the dedicated, strong and appreciated leadership of the outgoing Netherlands Presidency, the Secretariat, and the active TDA membership base, the TDA provided opportunities for countries, regions, cities and companies to connect over-ambition, acceleration and advocacy to propel the transition of the worldwide transport sector to zero-emission. Over the course of 2021, despite global supply chain issues and travel restrictions, the TDA was able to expand membership, drive mission-critical commitments for infrastructure worldwide with the Call to Action on Charging Infrastructure and connect members to the global stage at many key international events. To top the year off, California officially took over the TDA presidency in November, at the UN Climate Change Conference (COP26). World leaders, in their statement on the breakthrough agenda for transport decarbonisation, noted the importance of TDA as a global leader making progress and coordinating activities towards this breakthrough goal. This is a clear recognition of the value of the TDA working together and reflects the efforts of the Netherlands Presidency to elevate the TDA profile.

This report covers the important milestones that the TDA accomplished this past year. A few key highlights include:

- Welcoming British Columbia, Lille Metropole, Mobycon and Uruguay, as members in 2021.
- Leading several strategic campaigns including the Global call to accelerate electric vehicle charging infrastructure, a pledge signed by 37 organisations and jurisdictions.
- Highlighting the potential of green recovery for active mobility and transport decarbonisation.
- Organising several side events to foster and promote the TDA's mission at the UN Regional Climate Weeks and UN Global Compact Network events; participating in the fifth High-level Ministerial Meeting of the Transport, Health and Environment Pan-European Programme; and co-organising six events at COP26 that attracted roughly 750 participants.
- Sharing the powerful lessons learnt of TDA members at events including the International Transport Forum Summit, Autonomy Digital, the World Car Free Day Summit, the Sustainable Logistics Training Roadmap and the Transport and Climate Change Week.
- Finding new ways to share the work and lessons learnt from its members through launching new promotion videos, fireside chats and infographics to highlight pioneering decarbonisation policies.

2021 shaped up to be an exceptional year, marked with a dedicated TDA membership driving global transport decarbonisation. I am especially excited to work with the membership to increasingly drive change on the ground, across the world. Let's look to implement the MoUs and agreements in place, enact and implement zero-emission policies in every sector we can and channel investments towards an accelerated transition. Looking ahead to 2022, California is energised by the enthusiasm of the TDA, excited to carry on the great work of the Netherlands and Portugal and looking forward to the opportunity to lead us through the next two years of decarbonising global transport. We will remain a leading figure in this transition and continue to demonstrate the benefits of decarbonised transport for our climate and for social justice. We are looking forward to opportunities to team up with current and new members to make that happen.



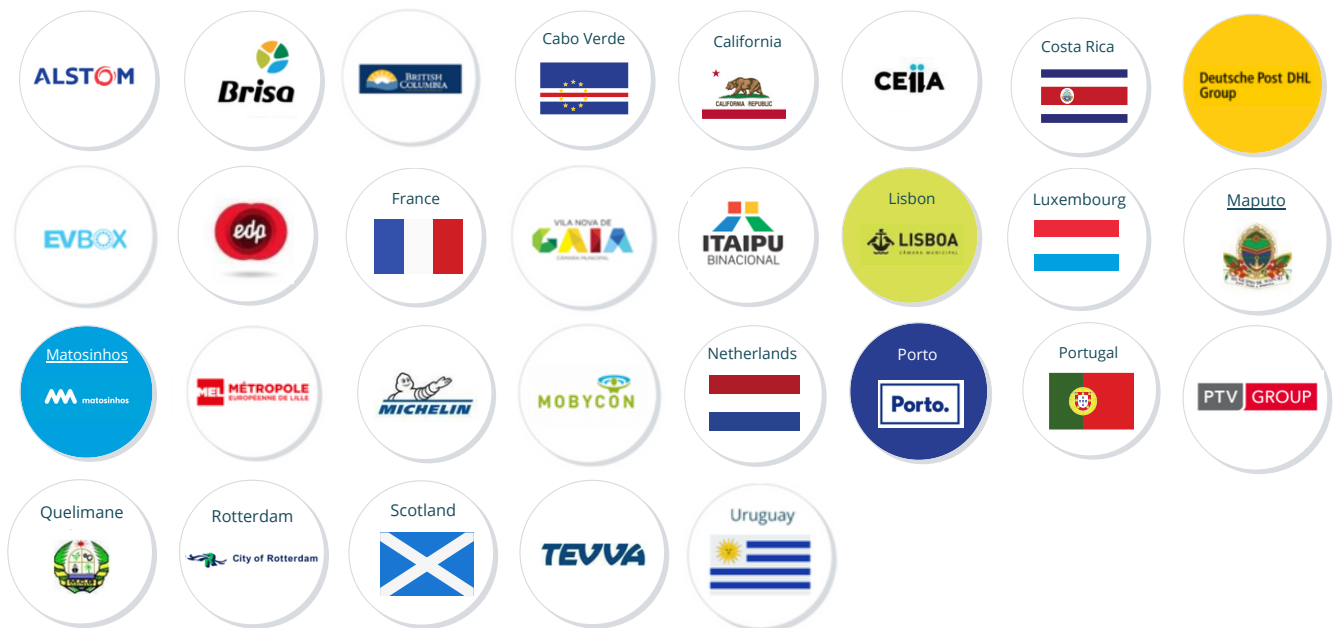


Membership and Partnership in Action

Pursuing the membership expansion led by the TDA Presidency, described in the 2021 TDA Work Plan, in 2021 the TDA was delighted to welcome British Columbia, EVBox, Lille Metropole, Mobycon and Uruguay as new members.

The integration of the Smart Freight Centre as a TDA partner and the welcoming of the Tecnológico de Estudios Superiores de Cuautitlán Izcalli as TDA's first academic partner were also important moments in the life of the Alliance.

Members



Academic Partner



Partners





Highlights 2021





Advocacy



External engagement and involvement approaches for sustainable transport stakeholder immersion

- Recognition of the TDA as one of the most important international initiatives working on transport decarbonisation in the UK Glasgow Breakthroughs.
- Participation in the session Capitalising on the COVID Momentum for Active Mobility at the International Transport Forum 2021.
- Involvement in the session Empowering Women through Active Mobility at ICLEI's Autonomy Digital 2021.
- Engagement in the webinar Reallocating Space towards Permanent Infrastructure for Active Travel at the Pan-European Programme (THE PEP) Vienna 2021.
- Contribution to the session Policies, Measures and Technologies to Advance Sustainable, Low Carbon Transport at the Asia-Pacific Climate Week.
- Participation in the session Transitioning to Net - Zero for Transport at the UN Global Compact Network UK Webinar.
- Coorganisation of six thematic sessions on transport decarbonisation topics at the Glasgow Climate Change Conference - COP26 that were joined in total by 400 participants in person and 350 virtually.
- Involvement in the session Policies, Measures and Technologies to Advance Sustainable, Low Carbon Transport at the Asia-Pacific Climate Week 2021.
- Engagement in the session Transport and Mobility (Imagining 2050) at the Africa Climate Week 2021.
- Contribution to the session Cities, Populism & Net - Zero Emissions Target Set at the World Car Free Day Summit 2021.
- Participation in the discussion: Barriers and Solutions to Accelerated Transport Decarbonisation - Zero-Emission Vehicles at the International Transport Forum 2021.
- Involvement in the discussion: Rethinking Transport Policies in Times of Recovery at the Transport and Climate Change Week.
- Engagement in the Smart Freight Centre's session Sustainable Logistics Training Roadmap .
- Introduction of the TDA at the European Union Council by Ms. Stientje van Veldhoven, Environment Minister of the Netherlands.

Acceleration



Key member-focused engagements

- Launching of the Community of Interest (CoI) on Charging Infrastructure.
- Releasing of two new working streams: the Alliance Talks and the Academy Series.
- The rollout of the Global MoU for Zero-Emission Medium - and Heavy-duty Vehicles (ZE-MHDVs) and the Call to Action on Charging Infrastructure.
- Releasing of the working papers: How Countries, Cities, Regions and Companies Should Work Together to Deliver on the Transport Emissions Reduction Commitments Made under the Paris Agreement on Climate Change as well as the Green Recovery Paper: Steering a Green, Healthy, and Inclusive Recovery Through Transport.
- Virtual hosting of the Annual Meeting 2021.

Ambition



Membership expansion and brand recognition

- Addition of [British Columbia](#), [Lille Metropole](#), [Mobycon](#) and [Uruguay](#) as new members.
- Incorporation of the [University Tecnológico de Estudios Superiores de Cuautitlán Izcalli](#) as the first academic partner.
- Coordination of [Fireside Chats](#) with key leaders from within the TDA community.
- Creation of digital cards, infographics and videos to highlight members' initiatives, barriers and solutions to transport decarbonisation.
- Dissemination of [monthly newsletters](#).
- Enhancement of the social media presence that resulted in the increase of 46% of the LinkedIn Followers from January 2021 to December 2021 and the [LinkedIn](#) interaction rate from 0% to 4% and on the increase of 21% of the [Twitter](#) followers and the [Twitter](#) interaction rate from 0.94% to 1.2 %.
- Development of a full revamp of the TDA website that resulted in 1116 views and 406 new users, and an increase of 52.32% in the engagement rate.



1. New Presidency: California

On 10 November 2021, at the TDA sessions organised as part of the UN Climate Change Conference COP26 in Glasgow, UK, Mr. Steven van Weyenberg, Environment Minister of the Netherlands handed over the TDA presidency to Ms. Liane M. Randolph, Chair of the California Air Resources Board (CARB).

Mr. Steven van Weyenberg highlighted that, with California at the presidency in 2021-2023, the TDA will be in the best hands. Ms. Randolph underscored California's excitement and determination to further enhance TDA initiatives towards accelerating the transition to transport decarbonisation; building upon the results achieved under the leadership of the former Presidencies of Portugal and the Netherlands.



Transport professionals and representatives of government entities, multilateral organisations, the private sector and academia attended the session.

Watch California's inauguration [here](#).

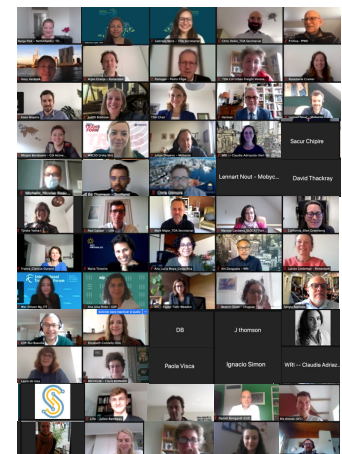


2. Annual Meeting 2021

On 19-20 April 2021, the TDA held its Annual Meeting in a virtual format due to the ongoing pandemic.

The event featured an opening message from Ms. Stientje van Veldhoven, former Environment Minister of the Netherlands and outgoing TDA Chair, and was the occasion to welcome British Columbia, EVBox, Lille Metropole and Mobycon as new TDA members. There were also presentations by TDA members and partners on their transport decarbonisation efforts and achievements during 2020 animated peer-to-peer learning. Participants also held rich discussions on the further enhancement of TDA Communities of Interest (CoIs).

Moreover, members reflected on how to enable transport decarbonisation at the centre of pandemic recovery measures by countries, cities, regions and companies on the basis of the World Resources Institute (WRI) paper commissioned by the TDA: *The Green Recovery Paper: Steering a Green, Healthy, and Inclusive Recovery through Transport* (see section 6 below).



Strategic membership expansion, governance and financial matters were also addressed at the meeting.



3. Strengthened Working Streams

In 2021, the TDA Communities of Interest on Active Mobility and Urban Freight enjoyed the new leadership of Mobycon and France respectively. Both Working Streams integrated relevant topics such as infrastructure, education, gender, pandemic recovery, regional approaches and challenges in their proceedings. Community of Interest Chairs participated in corporate, urban and intergovernmental events and profiled these thematic streams of the TDA's work programmes.

In 2021, the Alliance also launched a new Community of Interest dedicated to Charging Infrastructure, with Uruguay at its coordinating helm. This Community of Interest released a Call to Action on Charging Infrastructure, which garnered support by 37 signatory countries.

Additionally, two new working streams were launched to diversify the platforms for TDA members to engage: the Alliance Talks - a space for collective action, networking and dialogue and the TDA Academy Series - a space for learning and sharing.

Learn more about the work of our working streams below:

3.1 Communities of Interest

Active Mobility



Members: California CEiiA, France, ICLEI, Lisbon, Maputo, Matosinhos, Michelin, Mobycon, the Netherlands, Panteia, POLIS Network, Porto, Quelimane, Rotterdam, Scotland, Uruguay.

Coordination: On 21 September 2021, Mr. Lennart Nout, Manager of International Strategy at Mobycon took over the chairing from Ms. Mirjam Borsboom, International Cycling Strategies and Policies Specialist at the Government of the Netherlands.

2021 focus: To define a capacity building action plan with short - and long-term milestones and goals on key themes of active mobility.

4 peer-to-peer learning workshops:

- **Bicycle Education Programme:** This discussion focused on bicycle education programmes for children in different countries. The exchange was conducted by Ms. Angela van der Kloof, Cycling planning, Education, Engagement Specialist of Mobycon, Mr. Bart Christiaens, Cycling Policy Coordinator of Rotterdam, Ms. Ines Henriques, City Council of Lisbon, Sofia Knapic, Senior Researcher of Lisbon, Ms. Maria José Rojo, Project Manager of POLIS Network, Marie Joly, Transport and Mobility Specialist of France and Ms. Yiqian Zhang, Sustainable Mobility Officer of ICLEI.
- **Capitalising on the Covid Momentum:** This workshop highlighted how to encourage active and sustainable mobility both during and after the pandemic. This session was presented by Ms. Jessica Downing, Pedestrian and Bicyclist Safety Specialist of CALTRANS, Mr. Lennart Nout and Ms. Valentina Vincent, Mobility and Urban Planning Specialist of Uruguay.
- **Employer Approaches:** This gathering revolved around how cities can work to influence workers' mobility behaviour. This meeting was led by Mr. Bart Christiaens, Mr. Ignacio Simon, NUMP Project Subcoordinator of Uruguay and Ms. Maria José Rojo.
- **Software in the Netherlands:** This workshop illustrated how to improve active mobility planning (built around hardware, software and orgware) with strategies to make cycling a lasting component in the mobility mix of cities. This workshop was presented by Mr. Edward Douma, Project Manager of the Dutch Cycling Embassy and Ms. Mirjam Borsboom.



Participation in External Events:

- **Capitalising on the COVID Momentum for Active Mobility - Session at the International Transport Forum 2021:** On 28 May 2021, the Col developed this high level gathering focused on discovering how to best capitalise on the new momentum for walking and cycling in the context of the pandemic: its opportunities and challenges. Within the session panelists were Mr. Edward Douma, Ms. Jessica Dowing, Mr. Lennart Nout, Ms. Sonja Rijsbosch, Advisor Sustainable Mobility of the Netherlands and Ms. Valentina Vincent.
- **Empowering Women through Active Mobility - Session at Autonomy Digital 2021 by ICLEI:** On 20 May 2021, this Col carried out this gathering, where Ms. Mirjam Borsboom highlighted the experiences and actions developed by this TDA Community of Interest.
- **Reallocating Space towards Permanent Infrastructure for Active Travel - Webinar at the Pan-European Programme (THE PEP) Vienna 2021:** On 10 May 2021, this Col evolved this webinar focused on exploring how cities can create lasting change in their mobility services. This gathering was organised by the Col of Active Mobility and the POLIS Network Active Travel Working Group.



Charging Infrastructure



Members: Alstom, California, California High-Speed Rail, Energias de Portugal (EDP), EVBox, Gaia, Maputo, the Netherlands, Portugal, Rotterdam, Union of Concerned Scientists, Uruguay, World Business Council for Sustainable Development (WBCSD).

Coordination: On 12 October 2021, at the kick-off meeting, Mr. Duncan Bell, Transport Specialist of MOVÉS (Uruguay) was appointed chair of this Col.

2021 focus: To promote charging infrastructure implementation, international political ambition, acknowledge its rollout, and translation of these ambitions into concrete action plans with relevant stakeholders; to align national and international ambitions with local realities and to create feedback loops between them.

2021 Achievements: This Col launched the [Call to Action on Charging Infrastructure](#), during the session [Without it Nothing Moves](#) at COP26 in November in Glasgow, UK. This initiative underscores the importance of public and private collaboration, fostering the timely planning and roll-out of zero-emission infrastructure. This initiative was led by [EDP](#), [EVBox](#), [Rotterdam](#) and [World Business Council for Sustainable Development \(WBCSD\)](#) and has already been signed by 37 supporting countries.

Urban Freight



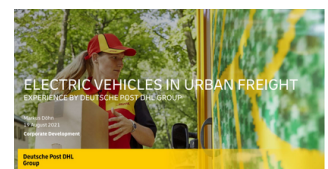
Members: California, Deutsche Post DHL Group (DHL), Energias de Portugal (EDP), EVBox, France, HiTec, ICLEI, Lille, Lisbon, Matosinhos, Michelin, Mobycon, the Netherlands, Panteia, Porto, Portugal, Rotterdam, Scotland, Tevva, Uruguay.

Coordination: On 14 January 2021, Dr. Verena Ehrler, lecturer and researcher at Université Gustave Eiffel was appointed as Chair of this Col.

2021 focus: To share knowledge and best practices between members, so they could replicate them in their own organisations.

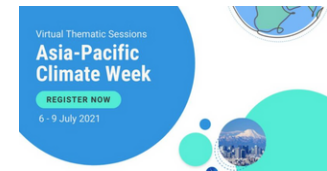
Col Webinar Series and Activities:

- Aligning ZEV-MHDV Targets in Leading Nations through a Global MOU:** This exchange focused on how the Global MoU for Zero-Emission Medium - and Heavy-duty Vehicles (ZE-MHDVs) (see section 6 below), aligns leading nations around ambitious ZE-MHDVs targets. The discussion was conducted by Ms. Rosemarie Cramer, Advisor, International Sustainable Logistics of the Netherlands.
- Insights from a Frontrunner City:** This exchange focused on how Rotterdam introduced a zero emission zone from city logistics to be rolled in 2025. This session was conducted by Mr. Jos Streng, Senior Policy Advisor and Developer of Rotterdam.
- SURF Project - Sustainable Urban Freight:** This session emphasised on the introduction of the SURF Project, its objectives, action plan and supporters. Moreover, an invitation to join the project was extended to all Col members. This meeting was presented by Mr. Giacomo Lozzi, Urban Freight Project Coordinator and Ms. Sandra Rothbard, Freight Consultant of POLIS Network.
- Sustainable Urban Freight Programme - Achievements:** This webinar focused on a description of the SURF Project, its results and further ambitions after its development in 2021. This get together was conducted by Ms. Sandra Rothbard.
- Zero Emissions Experience of DHL:** This session explained DHL's experience of incorporating electric freight vehicles to its fleet. This meeting was conducted by Markus Doehn, Electromobility Senior Expert of DHL.



Participation in External Events

- **Policies, Measures and Technologies to Advance Sustainable, Low Carbon Transport** - Session at the Asia-Pacific Climate Week: On 8 July 2021, this CoI evolved this exchange that highlighted the importance of the joint work between national stakeholders to develop comprehensive and coherent sustainable and low carbon action plans. Dr. Verena Ehrler moderated the discussion.
- **Transitioning to Net - Zero for Transport** - Session at the UN Global Compact Network UK Webinar: On 21 October 2021, this CoI developed this deep-dive and interactive session focused on how businesses can commit to credible net-zero targets and equip them to take appropriate action. Dr. Verena Ehrler was featured as a guest speaker during this session. The sessions at the UN Global Compact Network UK Webinar were hosted by United Nations Global Compact and the United Nations Global Compact Network UK.



3.2 Technical Webinars

- **The Alliance Talks**

Interactive Consultation Webinar: Nationally Determined Contributions and Long Term Strategies (NDCs and LTS).

Technical discussions on how countries, cities, regions and companies should work together to enhance transport decarbonisation measures in the NDCs and LTS that are elaborated by countries in the framework of the Paris Agreement.



- **TDA Academy Series**

Bridging the Gap in Executive Education of Transport Decarbonisation, organised by the TDA and the University of Clermont Auvergne.

Presentation of the Transport Decarbonisation Curriculum developed by the Executive Education Community of Interest (CoI currently non active) launched by Portugal in 2019.



Presenters: Mr. Pedro Felipe, Advisor to the Cabinet of the Secretary of State for Mobility of the Ministry of Environment and Climate Action of Portugal, and Mr. Patrick Oliva, instigator of the OrbiMob' Project at the University of Clermont Auvergne.

Mr. Patrick Oliva shared how the University of Clermont Auvergne has integrated the curriculum into its lecture series, course units and full diplomas for the study programmes in business, engineering, geography, medicine and law, and into the internship and final year work for the architecture programme.

As a result of this webinar the Tecnológico de Estudios Superiores de Cuautitlán Izcalli University joined TDA as its first academic partner.

3.3 Zero Emission Freight Vehicles ACTION Group

Led by the TDA in collaboration with CALSTART's Drive to Zero as part of the wider Action towards the Climate-friendly Transport Initiative (ACT).

In 2021, this Zero Emission Freight Vehicles ACTION Group launched a *Global MoU for Zero-Emission Medium - and Heavy-duty Vehicles (ZE-MHDVs)* during COP26 as a result of the fruitful collaboration between its members (see section 6 below).





4. Engagement in Global Events

As an effort to enhance TDA outreach and expansion strategy established in the 2021 TDA Work Plan, the Alliance participated in global events and championed the benefits that transport decarbonisation can enable in socio-economic pandemic recovery.

Furthermore, as a result of these efforts the organisation potentiated the Engagement of the transport decarbonisation community, was recognised by UN Climate Change COP26 - UN Climate Change Conference and We Mean Business Coalition as one of the most important international initiatives working towards the decarbonisation of transport in the UK Glasgow Breakthroughs, nourished the sustained exchange on transport decarbonisation solutions between public and private sector organisations, profiled the ongoing efforts and achievements by TDA members and sparked other organisations Interest in joining the Alliance.

Learn more about our participation in Global events during 2021 below:

4.1 TDA at the Glasgow Climate Change Conference - COP26

As part of the 26th UN Climate Change Conference of the Parties (COP26), which focused on bringing parties together to accelerate action towards the goals of the Paris Agreement, the TDA in collaboration with ARUP Global Advisory, Design, Planning and Engineering, the Institute for Sustainable Development and International Relations (IDDRI), the SLOCAT Partnership, the Scottish Government, Transport Scotland, We Mean Business Coalition and WBCSD organised six thematic sessions. These sessions featured an outstanding line-up of speakers and were joined in total by 400 participants in person and 350 virtually.

Members Only

- **TDA Members Private Meeting** - Organisers: ARUP Global Advisory, Design, Planning and Engineering and TDA.

This exclusive gathering for TDA members focused on discussing future opportunities for the Alliance. Attendees included representatives from CARB, Costa Rica's Ministry of Environment and Energy, EDP, Transport Scotland and Uruguay's Ministry of Industry.



Networking Events

- **Networking Session** - Organisers: ARUP Global Advisory, Design, Planning and Engineering and TDA.

An informal exchange and networking occasion for TDA members, partners and stakeholders. This meeting included the participation of representatives from Arrival Ltd, CARB, International Energy Agency (IEA), Ecosystem Integrity Fund, PManifold Business Solutions Pvt Ltd, the Scottish Government, Sweep and Tevva.



- **Sustainable Transport Reception** - Organisers: The Scottish Government, SLOCAT Partnership, TDA, Transport Scotland.

Opened by Ms. Liane Randolph, Chair of CARB and the TDA, Mr. Graeme Dey, Minister of Transport for Scotland and Ms. Maruxa Cardama, SLOCAT Partnership Secretary General, this reception was an opportunity for the transport community to get together after long months of meeting restrictions due to the pandemic.



Open Events

- **Decarbonising Freight Transport Session** - Organisers: IDDRI, SLOCAT Partnership, TDA and the We Mean Business Coalition.

This session explored the options for decarbonising freight transport, the experiences of companies starting to address this issue and how they can be supported in their journey towards net-zero freight transport emissions.



- **Whole Systems Approach: New Collaborations For Zero Emission Transport** - Organisers: Transport Scotland and TDA.

This session explored some of the transport issues with a particular focus on the electrification of heavy-duty vehicles and large fleets, it involved speakers from a range of countries, cities and companies looking at how they can best collaborate in this area.



- **Without it Nothing Moves** - Organisers: TDA and WBCSD.

This session brought together the public and private sectors to discuss the role of zero emission infrastructure as a catalyst for the necessary transition to zero emission mobility and culminated with the official launch of a Call to Action on Charging Infrastructure (see section 6 below).

In addition to this, in the framework of this session, Mr. Steven van Weyenberg, Environment Minister of the Netherlands handed over the TDA presidency to Ms. Liane Randolph, Chair of CARB.



TDA's recognition in the Glasgow Breakthroughs

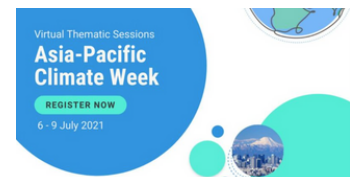
As a result of the TDA's sustained efforts since its inception, the Alliance was recognised by UN Climate Change COP26 - UN Climate Change Conference and We Mean Business Coalition as 'one of the most important international initiatives in making progress and coordinating activities towards road transport without emissions' in the UK Glasgow Breakthroughs.



This confirms the TDA's international standing as a strong contributor to the achievement of the Paris Agreement and the Breakthrough Agenda, an initiative launched by the COP26 UK Presidency garnering a coalition of over 40 world leaders.

4.2 TDA at the United Nations Framework Convention on Climate Change Regional Climate Weeks

- Policies, Measures and Technologies to Advance Sustainable, Low Carbon Transport** - Session at the Asia-Pacific Climate Week 2021 - Organisers: Ministry of Environment of the Government of Japan together with ADB, Institute for Global Environmental Strategies (IGES), United Nations Environment Program (UNEP), United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), UNFCCC, United Nations Development Program (UNDP) and the World Bank.



This session focused on knowledge sharing regarding the different regulations and policies that give rise to sustainable, low carbon transport systems.

Inaugurated by Ms. Stientje van Veldhoven, former Netherlands Environment Minister and outgoing TDA chair, this session included the participation of high-level panelists from different organisations and cities active in the Asia-Pacific region such as the City of Pasay in the Philippines, International Transport Forum, Organisation for Economic Co-operation and Development (OECD), the SLOCAT Partnership, UNESCAP and United Nations Centre for Regional Development (UNCRD).

- Transport and Mobility (Imagining 2050)** - Session at the Africa Climate Week 2021 - Organisers: Government of Uganda and organised by AFDB, African Union, United Nations Economic Commission for Africa (UNECA), UNEP, UNFCCC, UNDP, West Africa Development Bank and the World Bank.

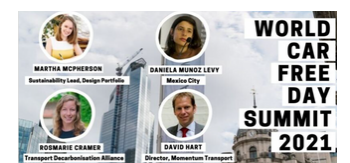


This session outlined how the continent must develop a low-carbon mobility pathway to ensure that growing mobility needs are met sustainably and without increasing emissions.

Mr. Manuel de Araujo, Mayor of Quelimane City, Mozambique and Mr. Rito Évora, National Director of Industry, Trade and Energy from Cabo Verde presented what the African continent is experiencing in terms of high growth in vehicle fleets, despite having low motorisation rates - as compared to the rest of the world.

4.3 TDA at other Large - Scale Events

- Cities, Populism & Net - Zero Emissions Target Set** - Session at the World Car Free Day Summit 2021 - Organisers: London Car Free Day, Momentum Transport Consultancy and Voi.



This debate focused on exchanging practical ideas from experts on city level decarbonisation plans and what needs to change to make progress possible in transport, the built environment and land use.

TDA Panelists:

Ms. Rosemarie Cramer, Advisor International Sustainable Logistics of the Government of the Netherlands.

Other Panelists:

Ms. Martha McPherson, Policy Associate of the UCL Institute for Innovation and Public Purpose.

Ms. Daniela Muñoz Levy, Planning Director of Mexico City's Mobility Ministry.

Mr. David Hart, Director of Momentum Transport Planning.

- Discussion: Barriers and Solutions to Accelerated Transport Decarbonisation - Zero-Emission Vehicles** - Session at the International Transport Forum 2021 - Organisers: ITF partner organisations and TDA.



This virtual session focused on describing the barriers and solutions for accelerating the decarbonisation of transport. It facilitated the exchange of ideas between key actors (energy company, charging infrastructure service provider, electric charging vehicle manufacturer and local authority), each with a different perspective on the challenges to accelerate the deployment of electric charging vehicles.

Moderator:

Mr. Marcel Beukeboom, Climate Envoy of the Netherlands.

TDA Panelists:

Mr. Omar Paganini, Industry, Energy and Mining for the Oriental Republic of Uruguay.
Ms. Stientje van Veldhoven, Environment Minister of the Netherlands and outgoing TDA Chair.
Mr. Gonçalo Castelo Branco, Director of Smart Mobility of EDP Comercial.
Mr. Koen Noyens Director of EU Policy of EVBox.
Mr. Marijn Slabbekoorn, Program Manager at GoGreen Europe of DHL Express.
Ms. Lutske Lindeman, Strategic Advisor - Energy Transition and Mobility of Rotterdam.
Mr. David Thackray, Sales and Marketing Director of Tevva.

- **Discussion: Rethinking Transport Policies in Times of Recovery** - Session at the Transport and Climate Change Week - Organisers: German Agency for International Cooperation (GIZ) on behalf of the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) financed by the International Climate Initiative (IKI).

This debate featured a conversation between leaders from Europe, Africa and Asia on the link between transport decarbonisation and post-COVID-19 socio-economic recovery.

TDA Panelists:

Ms. Mariette van Empel, Counsellor for the Environment and Transport of the Government of the Netherlands.

Other Panelists:

Mr. Dirk Messner, President of the German Federal Environment Agency.
Ms. Sheila Gaabucayan-Napalang, Assistant Secretary of Department of Transport Philippines.
Mr. Amitabh Kant, CEO of National Institution for Transforming India NITI Aayog.

- **Sustainable Logistics Training Roadmap** - Organiser: Smart Freight Centre.

This session focused on explaining how to create a company-specific Sustainable Logistics Roadmap oriented to concrete actions to achieve a 30% reduction in logistics emissions by 2030 and net-zero emissions by 2050.

TDA Panelists:

Mr. Mark Major, Senior Advisor of the TDA.
Mr. David Thackray, Sales and Marketing Director of Tevva.
Ms. Kathrin Brost, Vice President Global Head of Go Green Program of DHL.

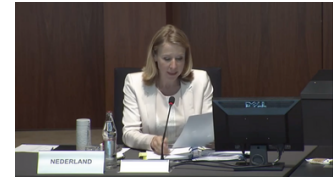
Other Panelists:

Mr. Alan McKinnon, Professor of Logistics of the Kühne Logistics University - MSc Logistic in Germany.
Mr. Alan Lewis, Technical Director of Smart Freight Centre.
Mr. Andrew Palmer, Director at Preston Solutions and Research Fellow at the Centre For Sustainable Road Freight.
Mr. Bram Keteleer, Global Transportation Capability & Innovation and Global Physical Distribution Sustainability of Procter & Gamble.
Mr. Colin Smith, Senior Advisor on Partnership on Sustainable SLOCAT Partnership.
Mr. Jan Fransoo, Professor of Tilburg University and Eindhoven University of Technology.
Mr. Patrick van de Vyver, Sustainability Consultant and Former and logistics director of 3M EMEA .
Mr. Ruud Vossebeld, Director Business Development of INFORM GmbH.
Ms. Sophie Punte, Founder of Smart Freight Centre and Managing Director of Policy at We Mean Business Coalition.
Ms. Suzanne Greene, Global Procurement Sustainability and Advocacy Leader of Dow



- **TDA Introduction at the European Union Council**

Ms. Stientje van Veldhoven, Environment Minister of the Netherlands presented the TDA to the European Union Council.



Presenting the [Global MoU for Zero-Emission Medium - and Heavy-duty Vehicles \(ZE-MHDVs\)](#), Minister van Veldhoven stressed the importance of ambitious targets and intermediate goals. She also highlighted the need for stricter CO2 standards and a phase-out date in the EU, as well as the impact of used vehicles exports on health, environment, and climate in Africa. Several Member States as well as the European Commission expressed their support and congratulated TDA members on their leadership. [Portugal](#), in its role of rotating Presidency of the EU Council, closed the debate stressing the importance of cooperation between countries, cities, regions and companies for the decarbonisation of transport.



5. Strategic Advocacy

By implementing the outreach and advocacy objectives established in the 2021 TDA Work Plan, the TDA deployed leadership across areas such as the transition to ZE-MHDVs in new fleets, national climate strategies and stimulus and policies for the post-crisis recovery.

Moreover, in 2021 the Alliance also focused on the continuous promotion and expansion of advocacy initiatives launched in previous years. Read more about TDA advocacy highlights in 2021 below.

- **Call to Action on Charging Infrastructure:** This initiative seeks to contribute to the accelerated transition towards electrification to significantly reduce carbon emissions by motivating public and private sector organisations worldwide to sign a commitment to support the implementation of charging infrastructure and the development of zero emission infrastructure.



With 37 signatories, this call engages organisations to recognise the crucial role of charging infrastructure in the transition of our planet to meet the objectives set in the [Paris Agreement](#).

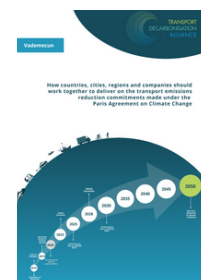
This initiative was initiated by [California](#) and the [Netherlands](#) and was launched at COP26 during the event [Without it Nothing Moves](#) (see section 5.1 above).

- **Global MoU for Zero-Emission Medium - and Heavy-duty Vehicles (ZE-MHDVs):** The overall ambition of this Global MoU is to identify viable pathways and supportive implementation action for the deployment of ZE-MHDVs and related infrastructure that enable ZE-MHDVs to reach 30% of sales of new MHDVs by 2030, as well as enable a full transition to ZE-MHDVs to in new fleets by 2040 to facilitate achievement of net-zero carbon emissions by 2050. The participants are invited to publicly share a higher ambition when signing this MoU where applicable.



This Global MoU was initiated by Ms. Stientje van Veldhoven, former Environment Minister of the [Netherlands](#) and former TDA chair with the launch of the wider process at [En Route to COP26](#) in December 2020. The process was led by the [Netherlands](#) and [CALSTART](#) and to date counts Austria, Canada, Chile, Germany, Greece, the [Netherlands](#), Norway and Sweden as signatories.

- **How Countries, Cities, Regions and Companies Should Work Together to Deliver on the Transport Emissions Reduction Commitments Made under the Paris Agreement on Climate Change:** This paper compiles 12 practical suggestions on how countries, cities, regions and companies should work together to develop, maintain and revise the NDCs and LTS required by the [Paris Agreement on Climate Change](#).



This paper was created by the TDA to accelerate the implementation of the [NDCs](#) and [LTS](#) which embody efforts by countries to reduce national emissions and adapt to climate change impacts.

- **The Green Recovery Paper: Steering a Green, Healthy, and Inclusive Recovery through Transport:** This paper reviews recovery-related stimulus and policies within the transport sector and offers long-term considerations for decision-makers to shape an economic recovery that links climate, equity, health, and safety.



This [World Resources Institute \(WRI\)](#) paper commissioned by the TDA contributes to the TDA’s framework of integrating countries, cities, regions, and companies actions to decarbonise passenger and freight transportation.



6. Communications and Outreach

In implementing the 2021 TDA Work Plan objective focused on reaching new audiences and stakeholders, the TDA revamped its website; introduced new outreach products such as promotional videos and cards, fireside chats, Infographics, and improved performance and engagement in social media platforms and newsletters.

All this contributed to increasing qualitatively and quantitatively the profile of the alliance and the work carried out by its members in transport decarbonisation and led to better brand recognition and community engagement.

Read more about the TDA’s products developed in 2021 to enhance institutional communications below.

6.1 Communication and Outreach Products

Throughout 2021, new communications and outreach products were developed by the TDA with the goal of reaching a wider audience, profiling members actions, supporting membership expansion and improving brand recognition.

- Fireside Chat with Ms. Ellen Greenberg, former Deputy Director for Sustainability at [CALTRANS](#).
- Fireside Chat with H.E. Ms. Andrea Meza Murillo, Minister of Environment and Energy of [Costa Rica](#).
- Fireside Chat with Mr. David Thackray, Sales and Marketing Director of [Tevva](#).
- Fireside Chat with Ms. Judith Bokhove, Vice-Mayor for Urban Mobility, Youth and Language Skills of [Rotterdam](#).
- Digital cards summarising the [Nationally Determined Contribution \(NDCs\)](#) of TDA countries.
- Digital cards on the findings of the TDA and WRI report: [Green Recovery Paper: Steering a Green, Healthy, and Inclusive Recovery through Transport](#).
- Infographic on the session [Barriers and Solutions to Accelerated Transport Decarbonisation- Electric Freight Vehicles](#), compiling the outcomes of the session organised at the [International Transport Forum 2021](#).
- Videos on how [Cities and Regions Take Action on Transport Decarbonisation](#) and how [Companies Take Action on Transport Decarbonisation](#).

6.2 TDA Newsletter

Throughout 2021, new communications and outreach products were In 2021, the TDA continued the elaboration of its newsletter periodically with the objective to increase awareness and better understanding of TDA’s objectives, initiatives and activities.

- February Newsletter
- March Newsletter
- April Newsletter
- May Newsletter
- June Newsletter
- Summer Newsletter
- September Newsletter
- October Newsletter
- November Newsletter

6.3 Social Media

In 2021, a suit of actions to enhance TDA presence in social media platforms and hence increase visibility, brand recognition and reach new audiences were implemented. Read more about the TDA's products developed in 2021 to enhance The impact of this suit of actions has been translated as follows:

Followers on [LinkedIn](#) increased by 46% from January 2021 to December 2021. The numbers went from 722 to 1350, reaching 628 more followers than in 2020. The interaction rate which measures the ratio of interactions on posts, such as clicks, started videos and page views, increased from 0% to 4%.

On [Twitter](#), followers increased by 21%, reaching 1369 followers during the same period, 288 more than in 2020 and the interaction rate increased from 0.94% to 1.2 %.



6.4 Website

In 2021, a revamp of the [TDA website](#) was executed to improve the user experience and make the site more attractive, intuitive and easier to navigate. This included the redesign of the home page, member's pages, blogs, calendar and events page and the integration of web analytics tools. In addition, new pages on the working streams were introduced.

After the implementation of these changes, the TDA's website reached 1116 views and 406 new users, and the engagement rate reached 52.32%.



7. Presidency

Chairperson



Ms. Liane M. Randolph
Chair, California Air Resources Board

Chair Team



Ms. Sydney Vergis
Division Chief, California Air Resources Board



Ms. Michelle Buffington
Vehicle Program Specialist, California Air Resources Board



Mr. Bill Robertson
Vehicle Program Specialist, California Air Resources Board



Ms. Sarah Jo Szambelan
International Liaison, California Air Resources Board



Ms. Hayley Pechner
Air Resource Technician II, California Air Resources Board



8. Secretariat



Ms. Gabriela Mora
Project Coordinator



Mr. Mark Mayor
Advisor



Ms. Katherine López
Communications and Design



Mr. Christopher Dekki
Advisor

Thank you for reading our 2021 efforts in transport decarbonisation

Please check other relevant
documents below



Brochure



Governance Paper



Manifesto



Work Plan 2022



**TRANSPORT
DECARBONISATION
ALLIANCE**



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