

## Launch of the Transport Decarbonisation Alliance

Towards a general mobilisation of countries, cities and companies to foster an in-depth transformation of mobility in support of the Paris Climate Agreement.

### Why taking action is urgent

**If there is one battle that it is vital to take on and win, if we hope to reach the Paris Agreement goals, it is that of decarbonising the transport sector!** A specific, strong and mutual initiative must be launched.

Every sector of human activity is obviously important in order to reach the Paris Agreement goals, but transport has three major features, which makes decarbonising it a high profile issue, that must be handled collectively:

1. It is the sector which has the highest rate of growth in carbon emissions today.
2. Most scenarios involving key players in the transport industry do not forecast any drop-off in emissions starting before the year 2040 at best and no significant drop in extracting oil, of which it is the greatest user (~60%).
3. It is very much local and international in nature, on land, by sea or in the air.

**This battle, which has been considered to be difficult for a long time, can be won, we are certain of it, with immense positive effects, both socially and economically.**

The context is well known: transport represents about 15% of man-made CO<sub>2</sub> emissions world-wide and 25% of energy-related emissions. In current scenarios, those emissions could go from today's 7.7Gt to more than 12 Gt by 2050, with dramatic collateral impact on the health of populations in urban areas arising from the local toxic pollution involved.

It is now obvious to us: the goal of "a net zero emissions economy by 2050+" contained in the Paris Agreement cannot be reached without a systemic transformation of this sector. This sector is also an essential sphere for the success of the 2030 Sustainable Development Goals (SDGs), with in particular the launch of the World Bank's and UN institutions' initiative of "Sustainable Mobility for All". The implementation of the Paris Agreement and SDGs go hand in hand.

**Step-by-step innovation and marginal changes have shown they are incapable of dealing with the topic at scale; we now have to transform! And that only makes sense with a global vision.**

### How to take action?

Achieving that transformation requires all countries and non-state players involved to start working in eight new areas:

1. **Gradually decarbonising urban transport;** this is technically the easiest, because solutions already exist, ranging from optimising walking and cycling, to using electric vehicles for public and individual transport, depolluting logistics and bicycle/car/minibus sharing. The visible fruit of that change will be the appearance of cities freer from pollution and congestion!
2. **The essential step of gradually making alternative energies available to replace oil products;** low carbon electricity, clean hydrogen, sustainable liquid fuels or "green" gases. We must go through this process to end our dependence upon oil alone.
3. **Substantially improving energy efficiency and emissions in all modes of transport,** and progress in intermodal transport. This involves stopping energy wastage and saving the current environment. Technical solutions exist.

4. **Optimising supply/production/distribution channels for goods and services.** This sector is undergoing explosive growth, worryingly, and this is what currently requires the greatest attention and the greatest coordinated international effort. This has not yet happened.
5. **Reducing “pointless” journeys, which is intuitive,** both for freight and for individual transport. In particular, this requires consideration at the workplace (businesses, administrations) and access to services.
6. **Promoting decarbonised solutions that are suited to the rural world and to the least densely inhabited areas,** especially owing to decentralised (electrical or other) energy production, which is an opportunity not to be missed for restoring territorial balance and developing under-populated areas.
7. **Adapting transport structures to climate change, which is often forgotten,** to ensure resilient and reliable service.
8. **Lastly, the economic, legislative and financial tools required** to facilitate the investment needed on the part of businesses in low carbon technologies/services and to assist citizens in changing their approach and stimulating negative emissions, which is a critical topic for achieving a net zero emission economy. This also involves the R&D investment required and tools to support developing countries in their transition.

This transformation framework has been documented by the IEA (international Energy Agency) through a long-standing engagement on the development of low carbon pathways and technology roadmaps and formally elaborated in the PPMC (Paris Process on Mobility and Climate) “macro road-map”, that has formed the topic of extensive consultations with multiple stakeholders and experts. Its implementation will also benefit from the ITF work on decarbonising transport, which provides the quantitative tools necessary to assess the effectiveness of mitigation measures and helps stakeholders identify efficient carbon-free transport pathways.

## How to and why work together?

**Meeting this challenge rests first of all on everyone’s commitment** to put a long-term strategy in place regarding transport decarbonisation.

**But it cannot succeed without concerted mobilising.** This is because it stimulates countries, cities, regions and companies that commit to it; because innovation and technological diffusion will only accelerate if markets are wide enough to offer an incentive to industrial players; because a discussion on policies to implement makes it possible to strengthen the alignment of players on key stages in the transformation; because cooperating enables the transformation of increasingly globalised transport to be managed at the right level, and tools, especially financial ones, to be shared with developing countries.

This concerted approach will be facilitated by the Paris Process on Mobility and Climate platform, in cooperation with the International Transport Forum which invites TDA members to participate in its policy dialogue on transport and climate change. The International Energy Agency (which also hosts the secretariat of the Clean Energy Ministerial) will provide its support.

**Of course, meeting this challenge supposes that regional features are taken into account,** as is the capacity of players to undertake those transformations more or less quickly. In particular, it is necessary to develop specific strategies in various locations (the regional macro road-maps). **It is also essential for champions to arise** - countries, international corporations, cities and/or regions - to show the way, launch massive changes, experiment, and then share the fruit of their experience with others.

**All sectors are concerned!** Naturally, States, through the public policies and consultations they implement, will orchestrate in-depth changes in the economy; cities and regions, have key instruments and partnerships for transforming territories; and then, companies which, through changes in their business models, can transform the way the transport works across sectors; and last of all, financial sector stakeholders can support those changes, through the use of proper tools.

## Today, we are making a commitment for clean transport!

Because transforming mobility and transport is urgent,

- We are joining the TDA, Transport Decarbonisation Alliance.
- We are resolutely committing to a transport decarbonisation and zero emission mobility dynamics, in order to reach the global goal of carbon neutrality by 2050 more quickly.
- We undertake to take part in the work of the Alliance, and so, to contribute together to the emergence of national and regional road-maps, to advance policy coordination, and thus, to send strong signals to economic players about the need to invest in clean transport.
- We welcome the commitments made immediately by some of us, who have created transport decarbonisation strategies or who are in the course of doing so, and who have set objectives for carbon neutral transport or consequently for moving away from GHG emitting vehicles.
- We acknowledge how important it is for this Alliance to share its experience with the countries and partners who wish to commit to this pathway, with particular support for the most vulnerable countries.
- We fully support international processes, including those connected with transforming transport (international mobility and energy-related fora, negotiations at the IMO and at ICAO), implementing the Paris Climate Change Agreement and implementing Sustainable Development Goals.

**We call upon all stakeholders in the international community to join us in this initiative. Transformation towards clean transport mobility is irreversible but the commitment of a large number of partners is necessary to drive it at scale!**

***This declaration is signed by:***

*France, Portugal, Costa Rica, The Netherlands, New Zealand, Sweden, Norway, Finland, the state of Colorado, the city of Paris, the C40, Michelin, Alstom, Itaipu binacional, Renault-Nissan, SNCF/Géodis, Ernst&Young.*