

## **Information for workshop participants**

### **Session: Reducing carbon in a global economy**

**7 August 2020**

Thank you for your interest in joining one of our workshops. This document provides important background information regarding the workshop on 'Reducing carbon in a global economy'. This is an interactive session and it is expected that all participants will actively participate in the discussion.

10-12 people have been invited to join each virtual conversation informed by pre-discussion materials provided by expert contributors.

Please let us know if you have any specific requirements to facilitate your participation in the session.

### **Pre-workshop material**

A handful of experts were invited to contribute pre-workshop material with the hope that this information will spark and inform discussions. We invited contributions in a range of formats - pre-recorded video messages, presentations or a written document. Captions are available for videos by selecting Settings > Subtitles/CC > English (auto-generated). The views presented are those of the individuals and not of the Department for Transport.

Please review the materials ahead of the session so we can all get the most from the conversation.

The contributions to this event have been provided by:

- Aoife O'Leary, Director, International Climate, Environmental Defense Fund
- Tim Morris, CEO, UK Major Ports Group
- Anna Ziou, Policy Director, UK Chamber of Shipping
- Dan Rutherford, Director Marine and Aviation, International Council on Clean Transportation

### **The aims of this workshop:**

- a. Bring representatives from different transport stakeholder groups together to consider decarbonisation of the transport network from a fresh perspective in a holistic way;
- b. Explore how the strategic priority could influence and shape decarbonisation;
- c. Understand what is needed and from whom to support decarbonisation; and
- d. Share examples of best practice and ideas to deliver transport decarbonisation.

### **Background**

The Transport Decarbonisation Plan will set out the actions and policies needed to deliver interim carbon budgets and net zero by 2050. These sessions are one of the ways DfT are working with the sector, industry, academics and NGOs to develop this plan. Due to be completed in 2020, the first-of-a-kind plan will set out what government, business and society will need to do to deliver the significant emissions reduction needed across transport.

In March 2020, we published "Decarbonising Transport: Setting the Challenge", which, brings together the work that has been done to date to reduce transport emissions. We set out the scale of additional emissions reductions that will be needed to meet legally binding carbon budgets and deliver net zero by 2050 and it is clear - the scale of the challenge we face is massive.

We want these stakeholder engagement roundtables to encourage the sharing of insights and expertise from stakeholders as we develop a credible, comprehensive and ambitious decarbonisation plan. The feedback and outputs from these sessions will be shared with Ministers and colleagues in the department to inform decision-making.

**Strategic priority as identified in “Decarbonising Transport: Setting the Challenge”:**

Reducing emissions from transport is a global, as well as a UK, priority. Clearly areas of transport, including aviation and maritime, are international by nature, and are vital components of our international trade and economy. We want to harness the UK as a centre of expertise to drive low carbon innovation and travel behaviour that helps enable a global transition to low carbon transport. This will boost the UK economy and help to lead the change internationally, as well as continuing to drive ambition for global emissions reductions in international fora.

In the session we will explore the i) opportunities for decarbonisation ii) the current barriers iii) the proposed role of government and iv) the proposed role of others (industry, the public etc)

Key themes for the facilitated discussion are:

- Decarbonising international travel and international goods movement
- Opportunities, enablers and barriers for aviation and maritime industries to move towards net zero
- Short-term solutions for decarbonisation of domestic aviation and maritime industries
- Research and development requirements to facilitate the transition to low carbon aviation and maritime industries
- The role of low carbon fuels

A facilitator will guide the conversation through a series of questions, examples of which are below. Please note, that there may not be time for all themes and questions to be covered. Throughout the session we invite you to share solutions, case studies and best practice.

If you feel you have more to add following the workshop, or there were things missing from the discussion, please follow up afterwards by emailing [tdp@dft.gov.uk](mailto:tdp@dft.gov.uk).

Questions:

1. What does the restart and recovery from C-19 mean for this strategic priority?

Picking up on aviation first:

2. For decarbonising **international** travel and international goods in the aviation sector, what are the:
  - barriers
  - enablers
  - opportunities?
3. For decarbonising **domestic** travel in the aviation sector, what are the:
  - barriers
  - enablers
  - opportunities?

4. What are some of the shorter term (in the next 10 or 20 years) solutions for decarbonisation of domestic aviation [Examples for aviation could be electric flight, domestic SAF market etc]
5. What are the key research and development requirements needed to facilitate the transition to low carbon aviation industries?

Picking up maritime next:

6. For decarbonising **international** travel and international goods in the maritime sector, what are the:
  - barriers
  - enablers
  - opportunities?
7. For decarbonising **domestic** travel in maritime sector, what are the:
  - barriers
  - enablers
  - opportunities?
8. What are some of the shorter term ((in the next 10 or 20 years) solutions for decarbonisation of domestic maritime industries. [Examples could be retrofitting, alternative fuels]
9. What are the key research and development requirements needed to facilitate the transition to low carbon aviation and maritime industries?
10. What do you see as the role of sustainable low carbon fuels? How can we ensure that these fuels are sustainable?
11. What is the role of government in supporting maritime and aviation sectors to decarbonise (regulation, funding, hands-off and let industry decide...)?