**PIARC Special Project on Carbon Neutrality in the Road Sector**

**Survey**

Knowledge of the non-reversible damaging consequences of climate change has resulted in global acceptance of the need to reduce carbon emissions in all sectors of human activity, including the road sector which is one of the high contributors to carbon emissions. However, as efficient transport is vital to national economic growth, actions to reduce carbon emissions must not negatively impact on the development and maintenance of high-quality road infrastructure, particularly for LMICs.

This survey is part of an international study being carried out by **The International Transport Experts Network (ITEN)** and **Research Driven Solutions Ltd.** on behalf of **PIARC – World Road Association**, which aims to provide Road Administrations with the information needed to identify appropriate options to progress towards **carbon neutrality**.

Thank you for taking the time to complete this brief survey, containing only 8 questions.

In case of any questions, please contact martin.lamb@iten.global

Respondents can edit their responses up to 30th June 2022.

**Definitions**

Net Zero carbon***:***is ***reducing carbon emissions to as close to zero as possibl***e. Any small amount of remaining emissions is then offset by absorption in natural carbon sinks like forests or using new technologies like carbon capture.

Carbon Neutrality*: is* ***balancing carbon emissions by ‘offsetting’,*** i.e. separately removing carbon in the atmosphere from emissions

**Aim of the survey**

The survey is intended to obtain some initial data on Road Administrations’ plans to achieve carbon neutrality (actions to reduce and balance emissions from activities). In addition, we would also like to identify relevant stakeholders who would be happy to collaborate further in providing information on this issue.

The outputs from the survey will serve to produce a technical report including recommendations to achieve carbon neutrality. The Final Report will be available free of charge once the study is concluded.

**Questionnaire**

Name

Organisation

Country / State / Province

1A) Does your country/state/province have a target date for achieving Net Carbon Zero?

Yes

No

If yes, what date is set?

If possible, please provide a link to any published strategy or supporting literature

Please add any information you feel is relevant or any additional comments you might have here:

1B) Does your road administration have a target date for achieving Net Carbon Zero

Yes

No

If yes, what date is set?

Please add any information you feel is relevant or any additional comments you might have here:

2A) Does your country/state/province have a target date for achieving Carbon Neutrality?

Yes

No

If yes, what date is set?

If possible, please provide a link to any published strategy or supporting literature

Please add any information you feel is relevant or any additional comments you might have here:

2B) Does your road administration have a target date for achieving Carbon Neutrality?

Yes

No

If yes, what date is set?

Please add any information you feel is relevant or any additional comments you might have here:

3) Does your strategy include any of the following?

* 1. Street Lighting (Yes / No)
	2. Fleet Vehicles (e.g. cars, vans, trucks, used by road administration to undertake general operations tasks. To include vehicles such as snow ploughs and gritter vehicles, but excluding plant for construction and maintenance and emergency service vehicles) (Yes / No)
	3. Road Maintenance (Yes / No)
	4. Road Construction (Yes / No)
	5. Vehicles using network (Yes / No)
	6. Offsetting emissions (Yes / No)

Please add any information you feel is relevant or any additional comments you might have here:

4) Do you ask your contractors (e.g. construction contractors, road maintenance contractors, toll-road operators) / supply chain to measure / manage carbon?

Yes

No

If yes, which contractors/ supply chain partners?

Please add any information you feel is relevant or any additional comments you might have here:

5) In your country / state / province, are there any innovative approaches to reduce carbon that you would like to highlight. These approaches could be useful for others?

Please add any information you feel is relevant or any additional comments you might have here:

6) Would you be willing to have a follow up discussion about your answers?

Yes

No

Or is there someone else in your organisation we can contact for further information?

If there is someone else in your organisation we should contact, please add their name and contact details here: