Commitment to Net Zero

AfPA through its members, commits to reducing its carbon footprint, embedding circular economy practices and driving sustainable operations to ensure that our industry achieves its stated 2030 and 2050 targets.

Long Term 2050

AfPA members commit to achieving net zero carbon emissions by 2050 across its Scope 1&2 activities

Medium Term 2030

AfPA members commit to reduce Scope 1&2 emissions by a minimum of 30% by 2030 (relative to 2019 emissions per tonne of asphalt produced)

Pathway

Achieving 2030 and 2050 goals will rely on a ‘whole of industry’ approach, where incremental and strategic improvements in operations will collectively contribute to our greenhouse gas reductions. Furthermore, we will need to leverage existing technology, accelerate innovation, engage with our upstream and downstream stakeholders to incentivise the adoption of sustainability and utilise wider government initiatives to deliver broader technological advancements across other sectors that will contribute to reducing our impact/contributions to Scope 3 emissions.

Examples of direct actions to be embraced by the AfPA members are included below:

<table>
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<tr>
<th>Scope 1 - Operations</th>
<th>Scope 1&amp;2 - Energy</th>
<th>Scope 3 - Materials</th>
<th>Alternative Materials</th>
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<td>Industry can reduce asphalt mixing temperatures by expanding the use of currently available technologies. When equipment and plant are renewed, AfPA members will look to leverage these technologies to improve operating efficiency, reduce GHG emissions, provide better moisture control and other carbon lowering options.</td>
<td>Progressing sustainable energy supply options through selecting renewable energy sources for fuel required/used across fixed and mobile plant operations and offices. Transition to renewable electricity for both on-site sources and external providers in support of net zero carbon electricity generation and consumption.</td>
<td>Minimise our contribution to Scope 3 emissions by: Downstream we will work with pavement asset owners to embed a reduction in emissions across operations through procuring improved pavement solutions that result in increased quality and durability of pavement materials. Upstream we will progressively procure from and encourage/incentivise suppliers to improve their products and services, such that the industry will have established net zero supply chains by 2050.</td>
<td>Engage with asset owners and associated agencies to remove barriers to improvements by continually updating specifications, championing innovation and encouraging increased efficiency. Embed the uptake of alternative materials with lower carbon footprint options through adoption of AfPA tools (SF4A, LCA Calc, PCR/EPD) across procurement processes.</td>
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AfPA and its members acknowledge that carbon offsets may be necessary in the pursuit of net zero by the industry. We are committed to reducing emissions to the full extent that innovation and regulation will allow and only using offsets, if necessary, to achieve net zero.