

October 15, 2021

With the full support and commitment from the Buzzi USA Group and all of its other member companies, the Portland Cement Association (PCA) recently released the Roadmap to Carbon Neutrality. The goal – to reach carbon neutrality across the value chain by 2050. Carbon neutrality is the principle by which CO₂ emissions resulting from a product or process are offset either by direct CO₂ emissions reductions or through avoided CO₂ emissions. The reality is that the cement and concrete industry will still be emitting CO₂ in 2050; however, through direct reductions, avoidance measures and the attributes of utilizing concrete structures (e.g. buildings and roads), the industry can completely offset their CO₂ emissions.

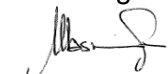
And what is the value chain? The value chain is a microcosm of a circular economy – an industrial system that is restorative or regenerative by intention and design. Looking at just one stage of a material's service life is not really an accurate measure of how much CO₂ or energy is expended. The value chain includes clinker, cement, concrete, construction and the use of concrete as a carbon sink and the use of concrete after its initial useful life in the built environment.

There is currently no single process, product or technology that can get our industry to carbon neutrality, but even if there was, looking at clinker, cement and concrete in isolation does not get us to the desired end – a durable, safe, resilient and energy efficient low-carbon built environment. This is why PCA member companies are embarking on this journey to carbon neutrality as a full industry and inviting others across the entire value chain to join the effort. The Roadmap leverages each step of the value chain so collaboration with industry and private partners will be essential to reach our goals.

Cement and concrete have been central in building resilient, sustainable communities. PCA members are committed to delivering products that meet these needs as well as to driving down emissions and achieving the industry's environmental goals. The PCA has developed this Roadmap, on behalf of the industry, to identify targets, timelines, technology and supporting federal, state and local policies needed to achieve the goal of carbon neutrality by 2050.

This is undoubtedly an exciting, yet challenging, time to be in our industry. This is a very aggressive and important undertaking but we at Buzzi Unicem USA believe the Roadmap will allow us to continue to build a better future.

Best Regards,



Massimo Toso
President / CEO