

# The Top 10 Ways to Reduce Concrete's Carbon Footprint

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## ABSTRACT

Concrete is the building block of modern society and the most widely used building material. Nearly every structure built today — including buildings, bridges, homes, and infrastructure — uses concrete in some way. It provides us with shelter along with places to work, learn, and play. It connects us through roads and rapid transit and airports. Water is delivered and treated in concrete structures. Concrete is economical, available everywhere, durable, and versatile. As demand for building construction continues to increase, it is likely the demand for concrete will also increase. Like all building products, however, concrete has a carbon footprint. This course will analyze the top ten strategies to take advantage of concrete's benefits while ensuring the lowest possible carbon footprint.

## BIOGRAPHY

**Doug O'Neill** is a concrete/cement industry veteran with over 29 years of experience educating the marketplace on all things concrete including applications, design methodology and its sustainable attributes. As a LEED AP, Doug has been involved with helping the concrete industry better understand its products and providing the design community with a better understand of the uses of concrete and where concrete fits within our environmentally conscience marketplace. Based outside of Buffalo, NY, Doug is a member of the Structures & Sustainability team at NRMCA and is responsible for communicating "Build with Strength" throughout the Northeastern region of the US.

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