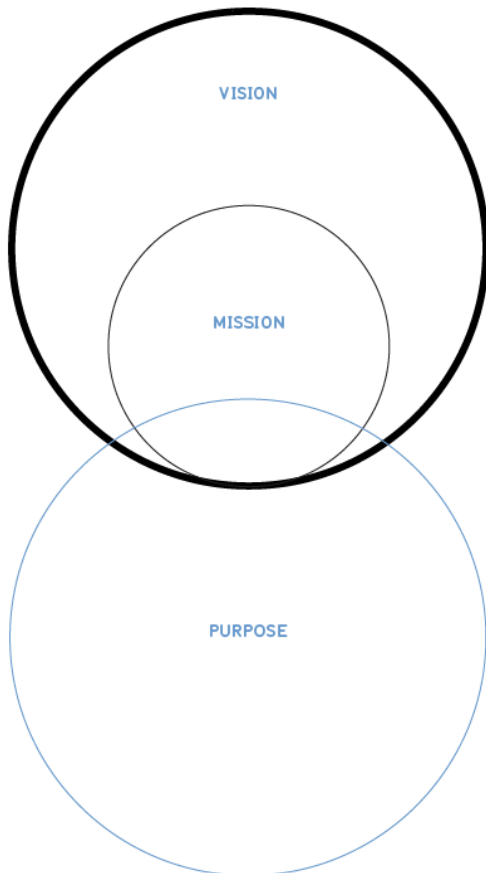




Solidia Technologies® systems offer the building materials and construction industries the ability to manufacture cement and concrete products within existing plants and use traditional design specifications to meet the International Energy Agency's and Cement Sustainability Institute of the World Business Council for Sustainable Development's CO₂ emissions reduction goals. For over 50 years, scientists have tried to cure concrete with CO₂ knowing the resulting product would be stronger and more durable; Solidia Concrete is the first to become commercially viable and offer a profitable path to the future with minimal requirements for new supply chains and capital investment.

Concrete is the world's second most utilized substance, exceeded only by the consumption of water. Over 30 billion tonnes of concrete, containing approximately three billion tonnes of ordinary Portland cement (OPC), are manufactured and used every year. According to a 2005 study by the World Resources Institute (WRI) on greenhouse gas emissions by major industries, the cement industry is responsible for 3.8% of the total global greenhouse gas emissions, which is equivalent to 5-7% of industrial carbon dioxide (CO₂) emissions. Likewise, other studies show that the cement industry accounts for about 5% of global anthropogenic CO₂ emissions.

Our patented processes for producing sustainable cement and concrete reduce carbon emissions up to 70% and recycle 60-80% of the water used in the production of concrete products. Produced with a non-hydraulic, lower-energy and lower-emission chemistry, Solidia Cement™ is more sustainable than OPC. Solidia Concrete™ cures with CO₂ instead of water. It performs better, is more durable and cost-effective than traditional concretes, and typically cures in one day.



Vision

A world where CO₂ is a high-value commodity and sustainability is an engine for profitability and growth

Mission

To develop sustainable technologies that are:

- anchored in science
- designed to disrupt with simplicity and ease
- tested in collaboration with market leaders, and
- proven to deliver added value to customers, society and the planet

Purpose

To transform challenges into profitable solutions at the intersection of business, science and innovation