



**Solidia
Technologies**

A Cement & Concrete Technology Company

Turning Problems into SolutionsSM

Cleantech Forum Europe

Lyon, France

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Making Sustainability Profitable for Massive Global Market

Big Market

- 2nd most utilized substance on planet after water

Big Challenge

- ~800 kg CO₂ emitted/ton cement produced
- 5-7% global greenhouse gases

Our Solution

- Use the industry's existing raw materials, equipment and process to make:
- Lower footprint cement
 - More durable concrete



Solidia Cement™ and Solidia Concrete™

“The Same Plus” ... just add CO₂

New Cement Chemistry

- 30% less CO₂ emitted
- 30% lower energy
- Does not react with water

Concrete Cures with CO₂, not H₂O

- Uses waste CO₂
- Processed water can be recycled

28-Day Strength in 24 Hours

- Concrete cures quickly
- Can be shipped immediately
- More durable product



Sustainability Meets Profitability

Up to 70% carbon footprint reduction

**Lower Cost
More Cash**

- Leverage existing industry infrastructure
- Improved manufacturing cost & productivity



**Oh, and it's
Sustainable**

At cement plant:

- 30% lower CO₂ emissions
- 30% less energy consumed

At concrete plant:

- Up to 40% additional CO₂ sequestered during curing
- No water consumed during curing process

