



FROM THE EARTH TO STUNNING DESIGN.

THE CREATION OF CONCRETE THE FABRIC THAT SHAPES OUR URBAN LANDSCAPE

Take a look at just about any public space in Australia today – be it an iconic CBD precinct like Melbourne's Federation Square or Sydney's Darling Harbour, or the local council reserve, town plaza, skate park or beachside esplanade. They typically feature a common element - concrete.

It's hard to imagine a world without concrete. It's in our roads and bridges, our schools, hospitals, workplaces and homes. In fact, next to water it's the most consumed material on the planet. And that's because concrete ticks so many boxes – strong, durable, economical and sustainable, to name a few. But concrete is much more than just functional. It's a material that can be shaped and sculpted to express ideas, to create and define beautiful public spaces, and to add layers of texture and context to our urban environments. When a material like concrete is so common place, it's easy to take it for granted.

But like everything, it has a story to tell. And the story of concrete is largely about process and people.

Concrete is essentially a local product – mixed in batching plants right across Australia, creating local jobs and fuelling local and regional economies.

Concrete batching facilities are located close to their markets making economic sense. A shorter supply chain reduces costs. The same applies to concrete's main constituent parts – aggregates and cement.

Aggregates (sand and gravel) are sourced from quarries all around Australia, most located on our outer urban fringes. There are more than 2,000 quarries operating in Australia and together they produce over 150 million tonnes of construction aggregates each year.

The location of quarries is dictated by geology and the materials themselves are finite. You can't just dig anywhere and find sand and gravel. Further, transport costs are a major factor in their pricing. That's why it's important we source materials as close

to their end-markets as possible, protecting our existing quarry reserves from further urban encroachment - not just for now, but for future generations.

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It's estimated that more than 18,000 Australians are directly employed in the heavy construction materials industry and indirectly is responsible for another 80,000 jobs. Together, the cement, quarrying and concrete industries generate over \$7.2 billion in revenues for the Australian economy and contribute \$12 billion to GDP. It's big business, but it's also local business. Concrete really is a local product that's produced in partnership with communities. It supports local industry, employs local people and builds our neighbourhoods. So next time you look at a beautiful concrete building or public space, or even a concrete factory or road, think about the processes that brought it to life and the tens of thousands of Australians behind those processes.

And when you do, you'll see concrete in a new light.



CEMENT CONCRETE & AGGREGATES AUSTRALIA
IS THE PEAK BODY FOR THE HEAVY CONSTRUCTION
MATERIALS INDUSTRY IN AUSTRALIA

Our members operate cement manufacturing and distribution facilities, concrete batching plants, hard rock quarries and sand and gravel extraction operations throughout the nation. CCAA membership is made up of the majority of material producers and suppliers, and ranges from large global companies, to SMEs and family operated businesses.

The heavy construction materials industry generates over \$7.2 billion in annual revenues and employs approximately 18,000 Australians directly and a further 80,000 indirectly. This industry is vital to the nation's building and construction and underpins the development of Australia's physical infrastructure.

We represent our members' interests through advocacy to government and the wider community; assistance to building and construction industry professionals; development of market applications; and as a source of technical and reference information.







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