



a strong  
foundation  
for Australia's  
future



# Industry working in partnership

## INDUSTRY WORKING IN PARTNERSHIP

The heavy construction materials industry recognises the benefits of working in partnership with government and the community to achieve a sustainable industry that benefits all.

### WE WILL DELIVER:

A sustainable heavy construction materials industry

#### Economy

Deliver a low cost, quality product supplying the essential construction sector that:

- Contributes to affordable housing.
- Contributes to low cost roads & bridges.
- Supports a well balanced economy.

#### Community

- Provide employment for 18,000 Australians directly and a further 80,000 indirectly in metropolitan and rura areas.
- Provide a safe working environment with best practise encouraged and rewarded through the CCAA Environment Health & Safety Awards.
- Practise positive engagement with local communities and other stakeholders.

#### Environment

Industry will strive for an optimised environmental footprint through:

- Contained development footprint.
- Commitment to continuous improvement in water conservation, waste & resource management, recycling & reuse, land protection, remediation & rehabilitation, and environment & ecosystem protection.
- Quarry rehabilitation and final land use that often provides a long term community asset (e.g. Karkarook Park Vic and Penrith Lakes NSW).
- Reduced greenhouse gas emissions in cement manufacture through improved energy efficiency, increased use of alternative fuels and increased use of supplementary cementitious materials.

### IN PARTNERSHIP

### BUT WE NEED:

Government cooperation and partnership with industry to deliver:

#### Attractive Investment Climate

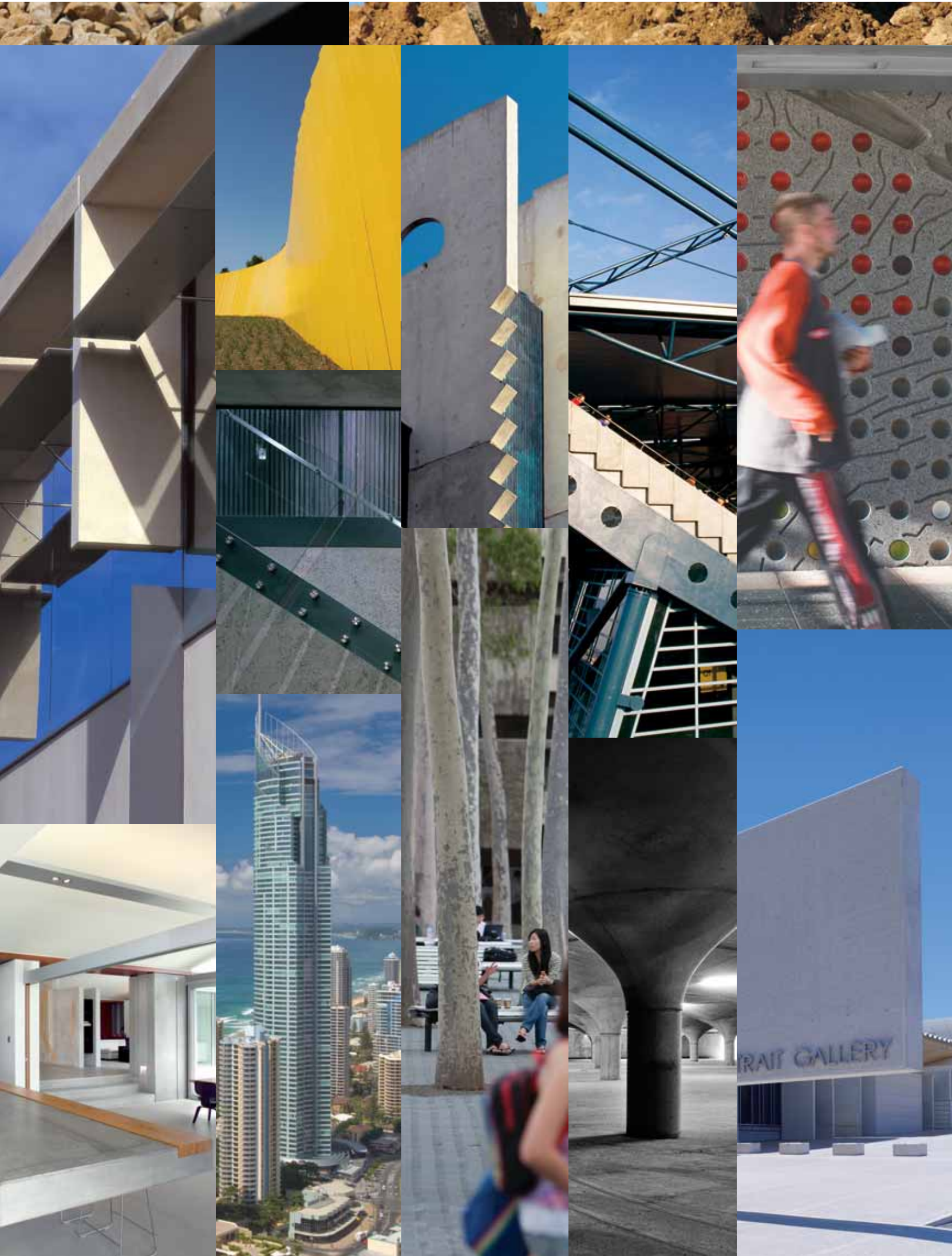
- Stable economy with sustainable growth to support investment.
- Transparent access to resources under known, reasonable and consistent laws.
- Competitive taxation regime with known and acceptable business costs.

#### Appropriate Governance

- Proportionate legislation and regulation that is consistent, balanced and fit for purpose
- Advocacy and recognition of industry importance across all levels of Government
- Effective and early consultation.
- Consistent, reasonable decision making through:
  - > Appropriately resourced and skilled government agencies
  - > Coordination between Commonwealth, State and local government agencies.







# Concrete the responsible choice

## CONCRETE THE RESPONSIBLE CHOICE

Truly sustainable development achieves a balance between its economic, social and environmental impacts. And concrete's sustainability credentials are impressive.

Concrete delivers economical construction while contributing to Australia's economic strength. It is a vital foundation for Australia's \$160 billion building and construction sector.

Concrete provides functional and attractive buildings to shelter us from the elements and allows us to live, work and play in complete security while the concrete industry provides and supports jobs and development.

Concrete is durable, safe and has low whole-of-life environmental impacts.

It is the responsible choice.

## Economy

Concrete is a critical input to Australia's building and construction industry which is valued at over \$160 billion per annum, employs over 250,000 Australians, is a primary vehicle for wealth generation and delivers significant taxation revenue.

Concrete is the most cost effective construction material in many vital applications.

Critical infrastructure such as roads, bridges, hospitals and schools depend on concrete's durability and performance.

## Society

The cement, concrete and aggregates industries provide safe secure direct employment for 18,000 Australians and indirect employment for an additional 80,000, sustaining communities and our way of life.

## Environment

When considered across its whole of life, concrete has low environmental impacts.

It is non-toxic, can save on heating and cooling energy, requires little or no maintenance and can be reused or recycled into other valuable applications.

Australia's cement, concrete and quarry industries also have an enviable record of continuous improvement in environmental practices.





# About Cement

## ABOUT CEMENT CONCRETE & AGGREGATES AUSTRALIA

Cement Concrete & Aggregates Australia (CCAA) is the peak national body representing the interests of Australia's \$7 billion a year heavy construction materials industry covering the cement, premixed concrete and extractive industries.

CCAA's member's operate rock quarries, sand and gravel extraction sites, cement production and distribution facilities and concrete batching plants throughout Australia.

CCAA's principal functions are:

### Advocacy

We represent the view of our members to governments and the wider community on a range of issues - including resource access and security, transport, workplace health and safety and the environment. We also play an active role in the development of industry standards and codes.

### Assistance

CCAA's qualified staff provides practical assistance and advice to engineers, architects and builders around Australia to help them maximise the benefits of using concrete.

### Promotion

We promote our members' products and services through a range of market development activities, including CCAA's own biennial Public Domain Awards. These Awards recognise the innovative use of concrete in the public domain and are highly regarded in Australia's architectural community.

### Information

CCAA is Australia's leading information provider on cement, concrete and aggregate products via a vast technical library, research and technical reports and highly regarded industry publications (C+A and Public Domain) showcasing projects that demonstrate the enduring benefits of member products.

### ABOUT THE INDUSTRY

Heavy construction materials are, quite literally, the foundation upon which our modern lives are built. Without concrete and its constituent parts – sand, aggregate and cement – we would not have the roads, footpaths, schools, hospitals, homes and workplaces we otherwise take for granted. In fact, a life without concrete is unimaginable. Next to water, it is the most consumed substance on the planet.

In Australia, the heavy construction materials industry (as the extractive, cement and concrete industries are collectively known) is worth \$7 billion in revenues to the economy and contributes \$11.7 billion to GDP.

It underpins the massive building and construction industry and is therefore critical to the health of our economy and is essential to our way of life.

#### What are Australia's heavy construction materials worth to me?

- Each Australian person requires 6 tonnes of rock, sand and cement each year to support the building of roads, houses and other infrastructure to service their needs.
- An average new house constructed needs about 110 tonnes of crushed rock, sand and cement in 53 m<sup>3</sup> of concrete.
- Each kilometre of a typical new 2 lane asphalt highway needs about 14,000 tonnes of crushed rock, or about 400 truck loads of material.

# CCAA Offices

## CCAA OFFICES

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