CEMENT CONCRETE & AGGREGATES AUSTRALIA

Affordable & Sustainable Infrastructure for Western Australia

WA Major Projects Conference 2026

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About CCAA

Cement Concrete & Aggregates Australia is the voice of the heavy construction materials industry in Australia.

CCAA members supply around 90% of the cement, concrete and aggregates used to build Australia's infrastructure.

The industry contributes $20.7 billion to Australia's GDP and supports 112,970 jobs across the economy, including more than 21,000 directly within the sector and a further 90,000 across the broader supply chain and economy.

Foundation Members

Members


ADBRI Quarries
AUSTMIX
B&J Catalano
BAROSSA QUARRIES
BARRO GROUP
BAXTERS
BENEDICT
BRACALBA QUARRY
BYRNE BROS. CONCRETE
CAMM GROUP
CCS GROUP
CQ
CLAY & MINERAL
CoastalSands
CONCRETE GOULBURN
Concrete Solutions
CONCRITE
DARACON
DARACRETE
DUGGANS
ElvinGroup
ENTIRE CONCRETE
EZIWAY CONCRETE
flyash AUSTRALIA
Fulton Hogan
GADTECH
Quarry - Concrete - Crush - Haul
GUNLAKE
HALLETT GROUP
hazellbros
HILLVIEW QUARRIES
HQ
HUNTER READYMIXED CONCRETE
Hymix
HY-TEC
Independent Cement
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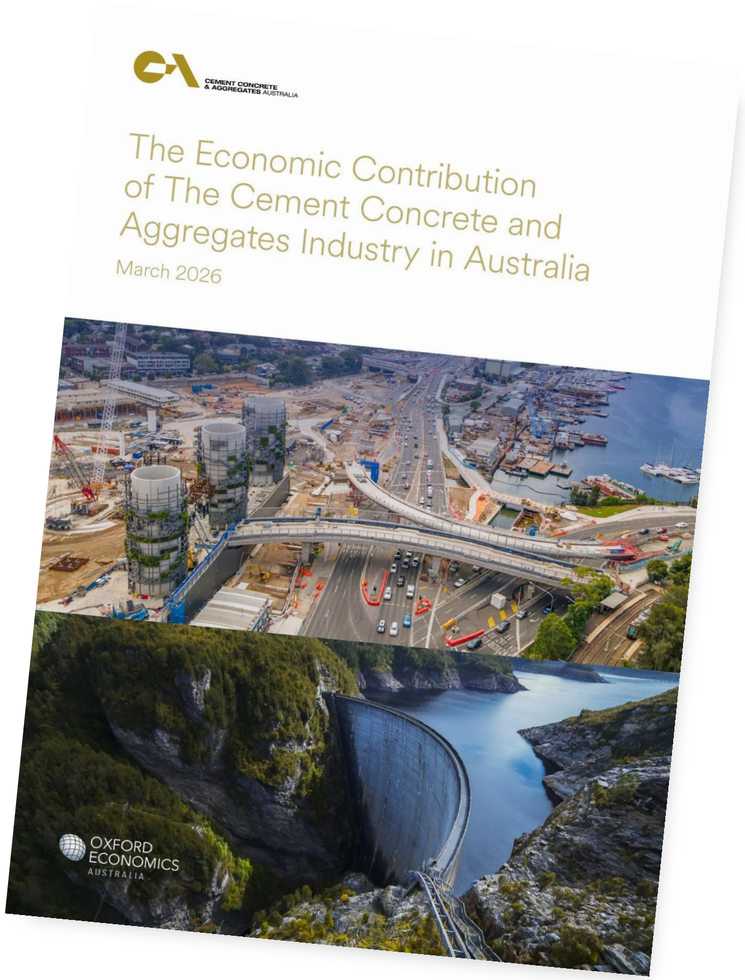
READYMIX CONCRETE & EARTHMOVING
LIME INDUSTRIES
The Lime Professionals
MANTINA QUARRIES
MANTINA CONCRETE
Get Exposed with... Mentone PRE MIX
Metromix
mixgroup
THE NEILSEN GROUP
NEWCASTLE SAND
NUCRUSH GROUP
Together We Grow
OUTWEST CONCRETE
PARKESREADYMIXED CONCRETE
P.E. FORMATION
Pilatti Bros Italia
Transport
Plant Hire
Concrete
PILCHERS CONCRETE
For professional service.....
PNQ
Pioneer North Queensland Pty Ltd
Q-crete
QPC
Queanbeyan
PRE-MIX CONCRETE
6297 4115
REOCRETE
Concrete Supplies
RIVERSIDE INDUSTRIAL SANDS
RNB
rmc
SANTOS READY MIXED CONCRETE
SPRYCRETE
CONCRETE SUPPLY
southern cross cement
Southern Pacific Sands
QUALITY SANDS & CONCRETE
Sunstate Cement Ltd
SMC CONCRETE QUARRIES
SUPERMIX CONCRETE & QUARRIES
Tandy GROUP
TEGRA
THE HOLT ESTATE
TRELOAR
Urban Resources
W.A. LIMESTONE
W.A. PREMIX
WAGNERS
CONTRACTING
WALLAROO
WSC
WESTERN SUBURBS CONCRETE

Associate Members

Economic Contribution of the CCAA Sector

The Economic Contribution of the Cement Concrete and Aggregates Industry in Australia (Oxford Economics Australia)

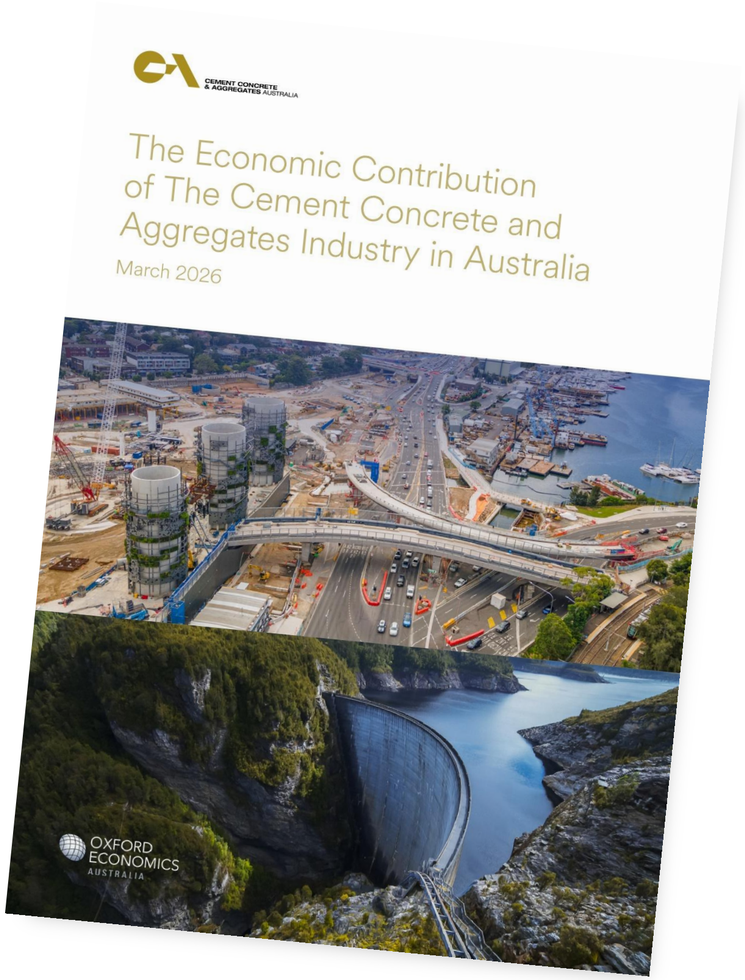
- $20.7b GDP Contribution
- 112,970 Jobs Supported
- $6.8b Direct Value Added
- Enables $175b Construction Sector
- Enables $242b Infrastructure Pipeline



WA Economic Contribution of the CCAA Sector

Western Australia economic contribution figures

- $1.57b GSP Contribution
- 6,638 Jobs Supported
- $0.82b Direct Value Added
- 2,576 Direct Jobs



Extractives are critical to affordability…

EVERY AUSTRALIAN
needs **8 TONNES** per year of stone, sand, gravel and cement to build the roads, houses and other infrastructure

HIGH RISE BUILDINGS
use up to **1,000 TONNES** of aggregate per floor

HIGHWAYS use **14,000 TONNES** of aggregate per km

WIND FARMS
use up to **1000m3** of concrete per tower

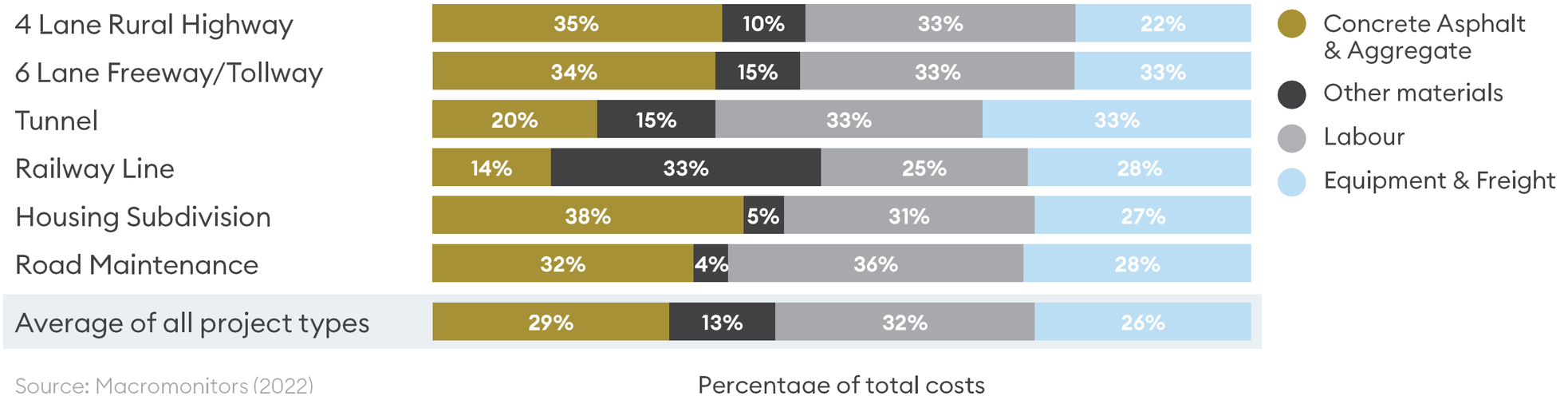
AVERAGE NEW HOME uses **110 TONNES** of aggregate and over **50m3** of concrete.

CAPABLE LOCAL SUPPLY CHAIN
Local industry, supporting local jobs on local projects in their local communities.

HEAVY CONSTRUCTION MATERIALS average **29% OF PROJECT COST**

Extractives are critical to affordability…

ESTIMATED PROPORTIONS OF TOTAL PROJECT COSTS BY TYPE OF PROJECT

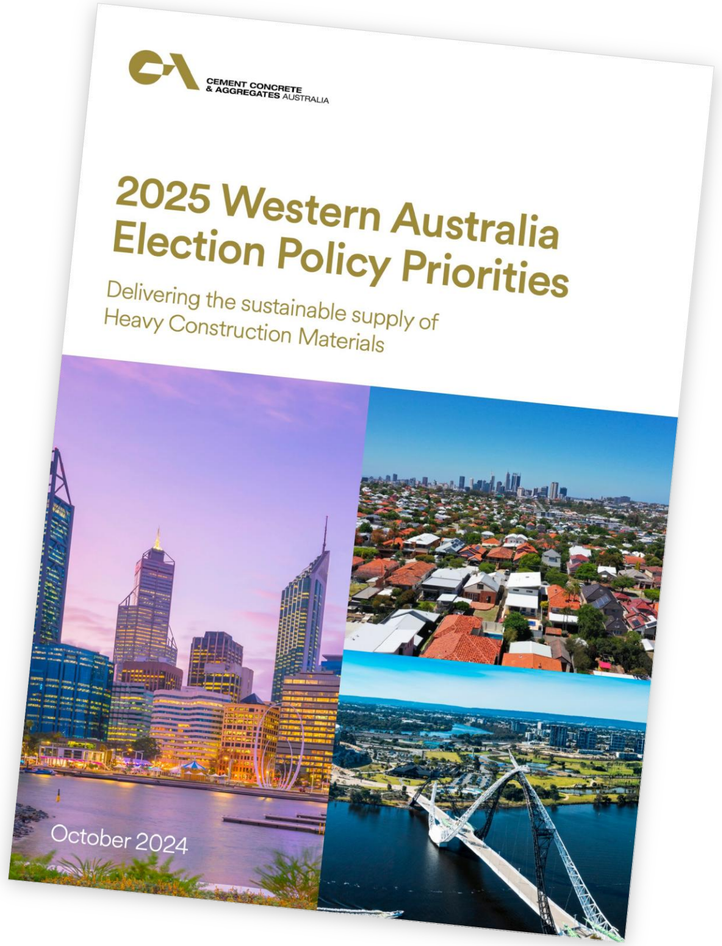


Source: Macromonitors (2022)

WA needs a Heavy Construction Materials Plan

Why?

- A long, slow, complex development approvals process across multiple government agencies
- Encroachment of state significant quarry resources and key concrete batch plants by incompatible land uses.
- Prescriptive standards and specifications acting as barriers to the increased use of innovative materials that will decarbonise the economy.
- Port and road access bottlenecks that potentially limit clinker imports & high quality silica sand exports.
- Natural sand reserves under pressure
- Risk of travel distances growing…. Increasing costs, embedded carbon & requiring more trucks and drivers



WA needs a Heavy Construction Materials Plan

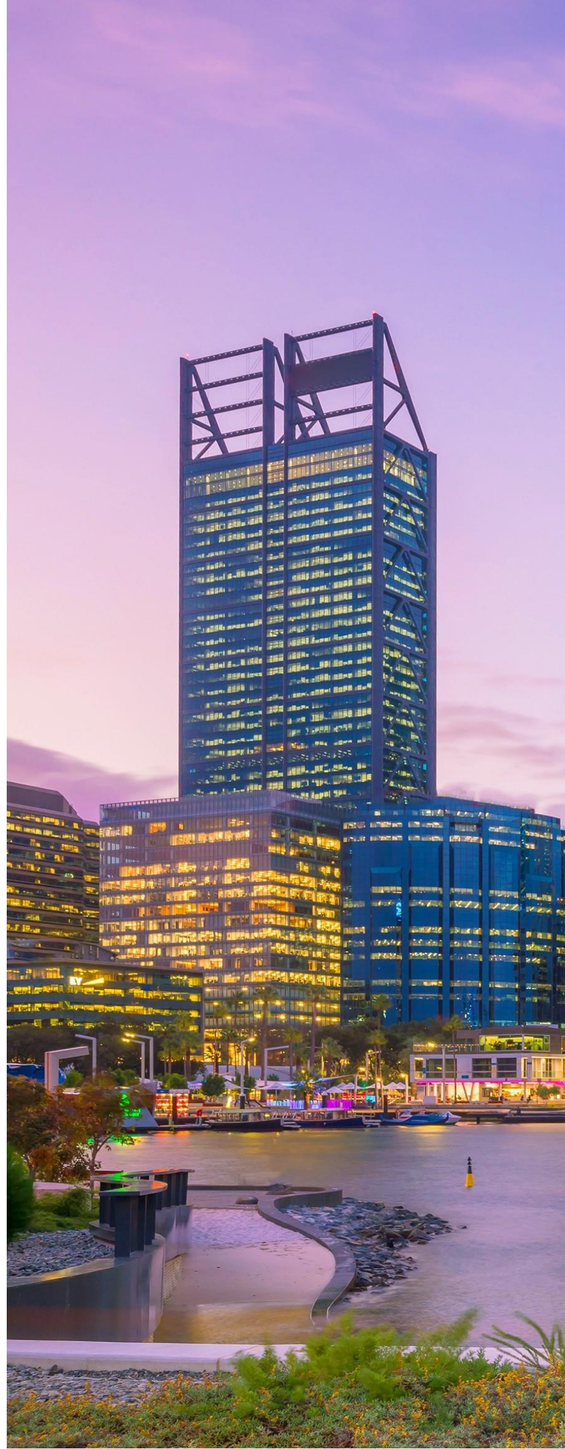
What?

- Establish a Quarry Approvals Coordinator to navigate joined up approvals and resolve approval roadblocks across State & Local Govt.
- Regular supply & demand data collection and analysis to better plan for efficient and economical infrastructure project delivery.
- Stronger planning protection for strategic extractive resources.
- Protect key concrete batch plants and quarries from encroachment.
- Remove barriers for lower carbon concrete by moving from prescriptive to performance-based specifications.
- Enable a streamlined environmental and development approval process.
- Support the introduction of lower carbon cement standards.
- Improve productivity such as earlier concrete pours and broader use higher mass limit vehicles.

WA Supply and Demand Study

Why it is needed

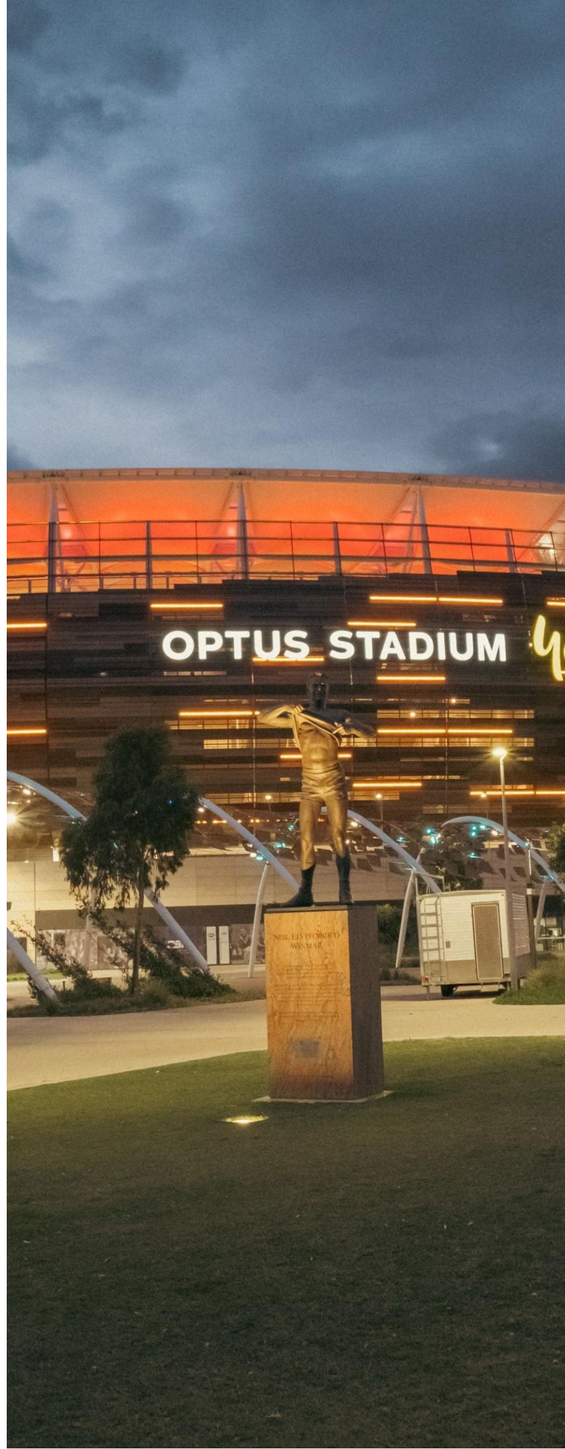
- Robust market modelling and forecasting
- Constraint identification across the supply chain
- Optimisation of long-term resource and infrastructure planning



Decarbonisation

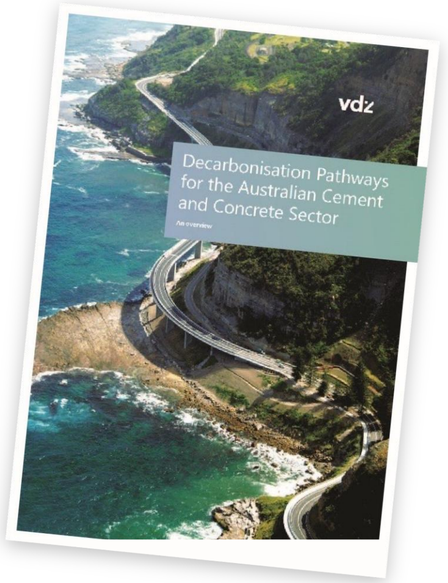
Key Ingredients

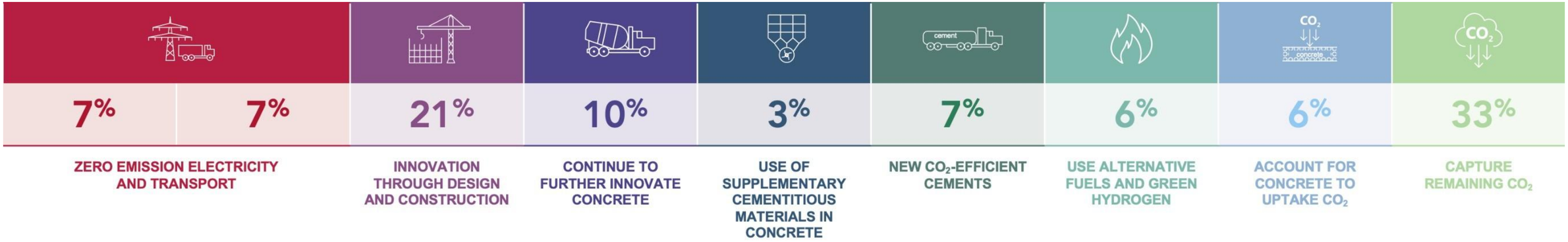
- Cement & Concrete Decarbonisation Pathways Report
- Industry Decarbonisation Facilitation Plan
- Govt. Sustainable Procurement Policies
- Changes to Australian Standards and agency specifications



Decarbonisation

Cement & Concrete Industry Decarbonisation Pathways Report





This independent report was released in 2021, following the Australian cement and concrete industry declaring its ambition to deliver net zero carbon cement & concrete by 2050.

The new report enables a better understanding of the technologies and practices necessary to decarbonise Australian cement and concrete, and identifies eight decarbonisation pathways and key future research requirements.

ITSOC Sustainable Procurement

Key points of the Infrastructure and Transport Senior Officials' Committee (ITSOC) Sustainable Procurement Work Program

- National guidance for sustainable infrastructure delivery
- Focus on embodied emissions and circular economy outcomes
- Standardised procurement tools and methodologies
- Industry collaboration and co-design
- Progress toward consistent national implementation settings

Decarbonisation

Government Sustainable Procurement Policies

- Lifecycle carbon approach must be embedded in procurement policies
- Recognition of need to change specifications
- Metrics to recognise EPDs

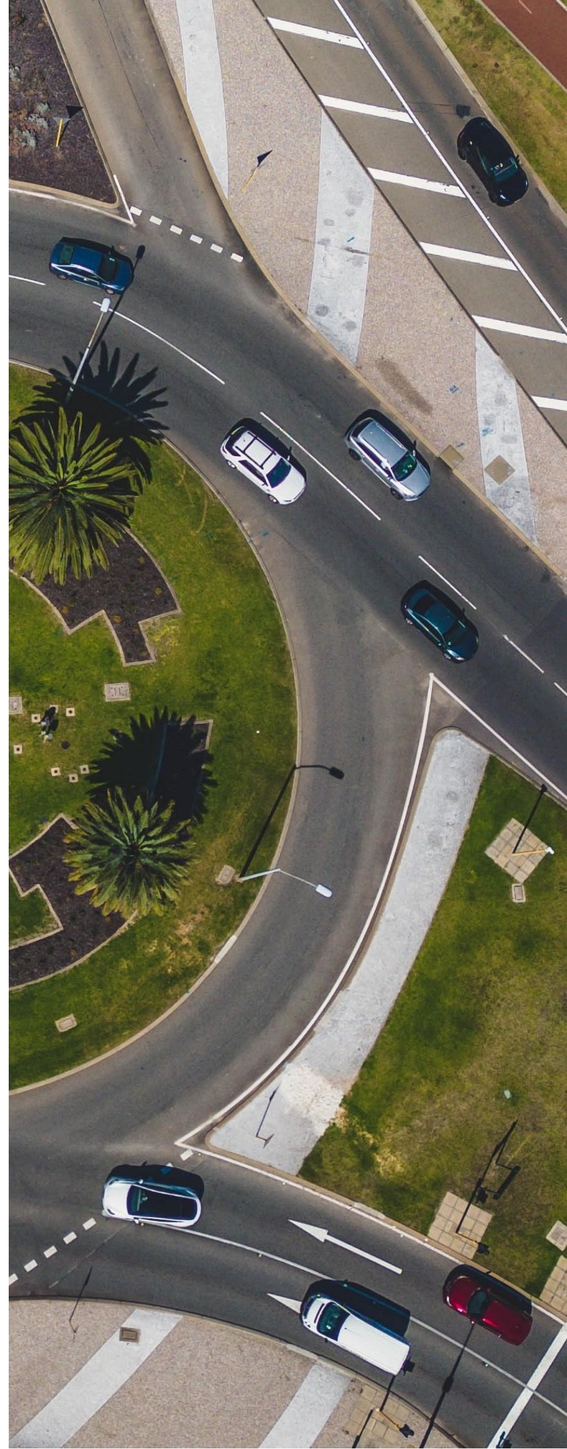
Changing Australian Standards and Concrete Specifications

- Time to change is years….. Must prioritise this work NOW!
- Many specs limit use of SCMs through testing regimes etc.
- Cement Standard AS3972 – highlighted by Productivity Commission in its recent report into the circular economy

Key Messages

Collaboration is key to decarbonising the built environment and achieving our industry's climate ambition

- Supply and Demand Study to be undertaken with haste
- Heavy Construction Materials Plan (HCMP) to be developed to ensure adequate materials for WA economic activity
- Recommendations from HCMP to be implemented
- Implement the Sustainable Procurement principles from ITSOC
- Implement the changes to AS3972 Cement Standard



Thank you!