

Greenhouse Gas CO₂ Reduction Plan

Dated: 10.8.2026 (Rev 5)

Concrush is committed to reducing its carbon footprint by reducing its consumption of diesel fuel and by electrifying its processes. We aim to reduce our CO₂ emissions by 50% by 2030 for each tonne of recycled products we manufacture. We currently emit 709t CO₂-e per year. (Our recycled products save 60% on CO₂ emissions when compared to virgin quarry materials for each life of our product (which typically have a 40-year life).

We aim to gradually replace 50% of our diesel machines with the electrical equivalent by 2030. We are also upgrading our facilities infrastructure; this will reduce machine and vehicle movements and give way to more efficient practices and use of technologies.

- Electric loader	15% reduction	2026
- Electric / Hybrid Jaw Crusher	10% reduction	2027
- Electric excavator	10% reduction	2028
- Electric / Hybrid Cone Crusher	10% reduction	2029
- Electric horizontal screen	5% reduction	2030

Reference EIS dated November 2018.

We have also invested in R & D projects to recycle our aggregates back into concrete manufacture (circular economy strategy).

- A. Patrick Tang, University of Newcastle – aggregates for construction applications.
- B. CRC SmartCrete - recycled concrete aggregate into concrete mix – FBA Project since 2021 and ongoing.
- C. UoN 2026 - Recycled ceramic aggregate and cement mixture for footpath applications.

Our greenhouse gas mitigation or management measures for our facility include the following:

1. Roof top solar system.
2. Turn off lights, appliances, computers, etc. when not in use.
3. Timers/ sensors on lights, pumps, etc.
4. Once only policy: No double handling or inefficient movement of materials.
5. Review, measure, and implement to improve production methods and practices.
6. Update plant, and equipment periodically to utilize latest technologies and efficiencies.
7. Catch, store, and recycle rainwater for onsite use.
8. Producing minimum waste to landfill (less than 0.1%).

ADMIN

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Reducing our impact on the environment