

ASX ANNOUNCEMENT

10 July 2025

GREEN360 COMMENCES BULK CALCINING RUN OF HIGH-PURITY KAOLIN TO PRODUCE METAKAOLIN

HIGHLIGHTS

- Green360 has commenced a **bulk calcining run of 457.7 tonnes of high-purity kaolin** from the Company's 100% owned Pittong Operation to produce **high reactivity metakaolin**.
- Metakaolin serves as a **high-performance supplementary material for cement**, reducing reliance on the **single largest industrial polluter responsible for 8% of global emissions**.
- Significant progress in **bringing to market a critical raw material that underpins low-carbon cement and concrete production**, while reinforcing supply chain resilience.
- Green360's metakaolin is at the **top end of quality benchmarks**, exceeding many other variations available in Australia (ASX Announcement 20 May 2025).
- Calcined product will be **dispatched to key stakeholders and potential offtake partners, including government, for bulk testing and performance trials**.
- **Material sourced from both raw ore and legacy tailings** highlights Green360's commitment to circular economy principles—**transforming industrial by-products into high-value, low-carbon construction inputs**.
- **Access to cost-efficient kaolin** from existing settlement ponds puts Green360 at the **lower end of the cost curve for metakaolin production**, enhancing its competitiveness in a growing global market.

Green360 Technologies Limited (ASX:GT3) ("GT3" or "the Company") is pleased to announce the commencement of a bulk calcining run of 457.7 tonnes of high-purity kaolin from its 100% owned Pittong Operation to produce advanced, high-reactivity metakaolin.

Aaron Banks
Executive Chairman

Mark Pensabene
Non-Executive Director

Peter Trinder
Non-Executive Director



Metakaolin is a highly sought-after material enabling partial substitution of Portland cement, improving concrete durability and cutting emissions. Green360's metakaolin delivers superior quality, designed for significant cement replacement. Additionally, the calcined product will be assessed as a direct silica fume substitute in advanced concrete mixes unlocking an additional market opportunity.

Uniquely, as a portion of this kaolin has been recovered from historical tailings stockpiles at the Pittong site, this material would otherwise remain an environmental legacy. By reprocessing, Green360 is closing the loop on industrial waste and adding value in line with circular economy principles.

The bulk calcining run validates the capability of Green360 to meet industry demands for commercial quantities of the Company's high-reactivity metakaolin product.

Furthermore, with a significant portion of its feedstock sourced from already-extracted and processed kaolin, Green360 operates on a structurally advantaged cost base, minimising raw material input costs and emissions associated with mining, transport and processing.

The calcined product will be dispatched to key stakeholders and potential offtake partners, including State and Federal government on the east and west coast, for in-house evaluation and testing programmes, a key step in pursuit of advancing Green360's rapid commercialisation plans for its low-carbon building materials.

Executive Chairman Aaron Banks commented:

"We have rapidly moved from laboratory scale testing to now producing commercial quantities of our innovative, high-quality metakaolin product. This latest development means that we are ready to meet industry demand for one of the most valuable materials in modern construction – a low-cost, low-carbon replacement for traditional cement.

All stakeholders involved in construction are facing increasing pressure to decarbonise their practises, as traditional Portland cement contributes significantly to global emissions. We are working rapidly to produce a commercially viable, real-world solution right here at home in Australia. Our low-carbon cement formulations and high-quality, advanced metakaolin can help potential customers, from government to private industry, reduce their usage of Portland cement without compromising on performance or cost.

Importantly, our product isn't just low carbon—it's also low cost, thanks to our use of reclaimed tailings material. This gives us a sustainable cost advantage and aligns our business with the principles of a circular economy.

We look forward to continuing our work with both government and industry partners to decarbonise construction in Australia, using our metakaolin and low-carbon cement."

High-reactivity metakaolin

Metakaolin is a highly sought-after supplementary cementitious material (SCM), enabling the partial replacement of traditional Portland cement in concrete, both to



increase the performance of a concrete product, and importantly, reduce its emissions profile.

Green360 has successfully calcined native clay to form high-performance metakaolin. Prior laboratory analysis by Green360 in partnership with Murdoch University revealed that Green360's metakaolin had an exceptionally high amorphous content of >88%, with very low levels of residual crystalline material (ASX Announcement 20 May 2025).

This places Green360's product at the top end of metakaolin quality benchmarks, exceeding many other variations of metakaolin available in Australia and globally, which typically range between 55–75% amorphous content depending on source and processing conditions.

Bulk calcination

457.7 metric tonnes of product has been sourced from the Company's 100% owned Pittong Kaolin Operation in Victoria, and dispatched to a third party for bulk calcining.

The kaolin being calcined comprises:

1. Raw kaolin material – high quality kaolin from the Pittong mine.
2. Reclaimed material – cost-efficient, stockpiled product extracted from settlement ponds.

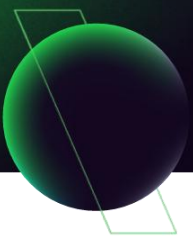
The production of a significant commercial quantity of the Company's metakaolin both validates Green360's capabilities to meet future customer demands, and allows for testing under real-world conditions with third parties.

Validation and commercialisation

Green360 intends to dispatch commercial quantities of the Company's high-reactivity metakaolin to a growing group of interested potential industry partners for testing and performance trials. The calcined product will additionally be delivered to State and Federal government stakeholders, several of which are expected to trial Green360's metakaolin in selected infrastructure projects requiring low-carbon building materials.

Testing and performance trials by third parties are expected to be conducted to assess the following criteria:

- Compressive Strength (7-, 28-, and 56-day assessment)
- Chloride Penetration Resistance (ASTM C1202)
- Alkali-Silica Reaction (ASR) mitigation
- Pozzolanic Activity Index (ASTM C618)
- Workability, setting times and shrinkage
- Sulphate resistance and thermal performance
- Durability in marine and corrosive environments



Green360 anticipates announcing specific infrastructure and industry projects where its metakaolin will be utilised as these are confirmed. The Company remains focused on advancing commercial discussions and securing supply chain opportunities in the low-carbon construction sector.

Approved for release by the Board

-ENDS-

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Join Green360 Technologies' Interactive Investor Hub

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Appendix – metakaolin processing and production





About Green360 Technologies Limited

Green360 Technologies (ASX:GT3) is an Australian-based building materials company leading the development of low-cost, low-carbon cement to address an immediate demand in the market. Traditional cement production is a major industrial polluter; Green360 Technologies is using innovative methods to produce an alternative, delivering improved performance and a reduced emissions profile.

Green360 Technologies is executing a commercialisation plan alongside a reputable market leader, focused on near-term and widespread industry adoption of the Company's low-carbon cement.

FORWARD-LOOKING STATEMENTS

This release may contain certain forward-looking statements with respect to matters including but not limited to the financial condition, results of operations and business of GT3 and certain of the plans and objectives of GT3 with respect to these items.

These forward-looking statements are not historical facts but rather are based on GT3's current expectations, estimates and projections about the industry in which GT3 operates and its beliefs and assumptions.

Words such as "anticipates," "considers," "expects," "intends," "plans," "believes," "seeks," "estimates", "guidance" and similar expressions are intended to identify forward looking statements and should be considered an at-risk statement. Such statements are subject to certain risks and uncertainties, particularly those risks or uncertainties inherent in the industry in which GT3 operates.

These statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties, and other factors, some of which are beyond the control of GT3, are difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward-looking statements. Such risks include, but are not limited to resource risk, product price volatility, currency fluctuations, increased production costs and variances in product grade or recovery rates from those assumed in mining plans, as well as political and operational risks in the countries and states in which we sell our product to, and government regulation and judicial outcomes. For more detailed discussion of such risks and other factors, see the Company's Annual Reports, as well as the Company's other filings.

GT3 cautions shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of GT3 only as of the date of this release.

The forward-looking statements made in this announcement relate only to events as of the date on which the statements are made.

GT3 will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this announcement except as required by law or by any appropriate regulatory authority.