ASX ANNOUNCEMENT
31 October 2025

GREEN360 ACHIEVES MAJOR MILESTONE WITH "ECO-CLAY"

HIGHLIGHTS

- **Eco-Clay Metakaolin produced at commercial scale and independently verified by the University of Melbourne** as meeting *AS 3582.4:2022* (Supplementary Cementitious Materials – Pozzolans).
- **Performance equivalent to, or better than, international metakaolins**, demonstrating high reactivity and strength across all test benchmarks.
- **Circular economy innovation** – Eco-Clay is made from *settlement ponds and tailings* from Green360's kaolin operations, transforming waste into a valuable construction material.
- **Commercial scale quantities** of Eco Clay has been supplied to key stakeholders in the Premix concrete industry for market-based trials within existing plants
- **Extremely cost-effective** pathway to reducing embodied carbon
- **Large market opportunity** in low-carbon cement and concrete, targeting Australia's circa **$3.2 billion cement market** and global net-zero construction demand. (*ref: imarcgroup.com*)
- **The company is in advanced stages of negotiations** to potentially produce Eco-Clay at a toll treating facility for near-term supply to market.

Eco-Clay: A Circular, Low-Carbon Cement Substitute

Green360 Technologies Limited (ASX:GT3) ("GT3" or "the Company") is pleased to announce the successful independent verification of its first supplementary cementitious material (SCM) product – *Eco-Clay* – by the University of Melbourne's Department of Infrastructure Engineering.

Eco-Clay is a high-reactivity calcined kaolinite (metakaolin) material that can replace up to 40% of Portland cement in concrete, significantly reducing carbon emissions while maintaining high performance.

Aaron Banks
Executive Chairman

Mark Pensabene
Non-Executive Director

Peter Trinder
Non-Executive Director

Darren Hedley
Non-Executive Director

Eco-Clay is produced **from Green360's own kaolin by-products** — specifically **tailings and settlement pond residues** generated during the refining of high-purity kaolin. It is then calcined to a temperature of around 750 degrees Celsius where it transforms into metakaolin. This **circular economy model** transforms what was once an industrial by-product into a valuable low-carbon construction material.

Independent Testing and Standards Compliance

Testing conducted by the University of Melbourne under ***AS 3582.4:2022*** and ***ASTM C618 (USA)*** confirms Eco-Clay's suitability as a *Grade 1 pozzolan*, with the following key results:

- **Chemical Composition:** Meets all chemical requirements of Grade 1 SCM under AS 3582.4
- **Calcination Efficiency:** Achieved **96% kaolinite conversion**, confirming excellent thermal activation.
- **Reactivity (R3 Test):** Demonstrated **equal or higher reactivity** than leading international metakaolins.
- **Compressive Strength:** Mortars with 20% Eco-Clay substitution achieved requirements of Grade 1 SCM against control mixes at 3, 7 and 28 days.
- **Classification:** Meets all requirements for Grade 1, with fineness consistent with Grade 2 specifications.

Circular Economy and Cost Advantage

Green360's Eco-Clay is a **textbook example of circular economy innovation.** The product is derived from material already mined and processed for Green360's primary kaolin production. As the base material is a byproduct this gives Green360 a potentially significant **cost advantage** compared to other metakaolins.

In effect, Eco-Clay is a **high-performance SCM with very low, marginal production cost**, enabling premium margins and rapid scalability.

Furthermore, the process eliminates waste from the company's operations and **reduces environmental liabilities associated with tailings and storage ponds**, closing the loop between resource extraction and sustainable building materials.

Market Opportunity

- The cement industry contributes approximately **8% of global CO_2 emissions**, with decarbonisation now a top priority for infrastructure and construction sectors.
- Replacing up to 40% of traditional Portland cement with Eco-Clay can significantly reduce **CO_2 emissions per tonne of concrete**.
- Australia's domestic cement consumption exceeds **10 million tonnes per year**, creating a **$3.5 billion annual market** for SCMs and low-carbon binders.

- The 2 traditional SCM's (Fly ash and slag) both have very short time horizons. It is generally understood these products will not be readily available anymore as the coal fired power stations close and slag sourced from Japan, Malaysia and other Asian countries will be subject to scope 3 emission calculations.
- Global demand for low-carbon construction materials is accelerating through **ESG mandates**, **green building standards**, and **corporate net-zero initiatives.**
- Eco-Clay's **cost efficiency, domestic availability, and drop-in compatibility** with existing cement systems position it as a scalable, sustainable replacement at both industrial and retail levels.

Executive Chairman Aaron Banks commented:

"Eco-Clay represents exactly what Green360 stands for – practical circular economy innovation that creates value from waste, reduces emissions, and delivers real commercial results in the building materials sector.

Our Eco-Clay material meets the highest Australian and international standards, performs on par, or better, with the best metakaolins globally, and can potentially be produced at a fraction of the cost because it's made from our own by-product streams, right here in Australia.

With having first mover advantage and this structural cost advantage, it positions Green360 as one of the most cost-effective and environmentally responsible building material producers in the world."

Next Steps

- **Commercial agreement** with toll treating facility in the coming weeks to facilitate near-term supply of Eco-Clay.
- **Commercial-scale production trials** with both major and large independent concrete companies.
- **Market deployment** across precast products, redi-mix and various other end use markets.
- **Engagement with industry and government stakeholders** to support Australia's low-carbon construction transition.

Approved for release by the Board

-ENDS-

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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.