



**SPEECH BY PUAN ZAINORA ZAINAL
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MAJLIS PERASMIAN PUSAT REPURPOSED CONCRETE AGGREGATES (RCA)
29 JULY 2025 | MAKMAL KERJA RAYA MALAYSIA, KUALA LUMPUR**

Bismillahirrahmanirrahim,

Assalamualaikum warahmatullahi wabarakatuh,

A very good morning, and Salam Malaysia Madani.

- Yang Berbahagia Datuk Aziyah Mohamed, Director of YTL Cement,
- Yang Berusaha Ir. M. Ramuseren, Chief Executive Officer of Construction Research Institute of Malaysia (CREAM),
- Members of CREAM Board of Trustees
- Top Management of YTL Cement and CREAM
- Representatives of government agencies
- Media partners
- Ladies and gentlemen whom I respect

First and foremost, let us express our utmost gratitude to Allah SWT for His blessings, allowing us to gather this morning to witness the launch of Malaysia's first Repurposed Concrete Aggregates (RCA) Facility, the result of close collaboration between the Construction Research Institute of Malaysia (CREAM) and YTL Cement Group.

I would like to convey my highest appreciation and congratulations to CREAM and YTL Cement Group for this high-impact initiative, which represents another significant step in supporting the construction industry's transition towards more sustainable and resource-efficient practices.

Ladies and gentlemen,



Each year, our country produces over 30 million cubic meters of concrete. Of this amount, approximately 5% consists of fresh returned concrete, which is typically discarded at landfills or in unsuitable locations.

Such practices not only place pressure on existing landfill capacity but also pose risks of soil and water pollution.

The RCA Facility we are launching today presents an innovative and sustainable solution— processing returned concrete into Repurposed Concrete Aggregates (RCA) and other byproducts such as aggregate fines, which can be used for brick manufacturing or soil and subbase stabilisation works.

Ladies and gentlemen,

The establishment of this facility is a major achievement resulting from a strategic collaboration through a Memorandum of Understanding (MoU) between CREAM and YTL Cement Group, signed to reflect a shared commitment to driving innovation in sustainable construction.

The RCA Facility focuses on

- The development of a production line for repurposed aggregates;
- Technical testing and validation in collaboration with CREAM to determine RCA's suitability as a substitute for natural aggregates in concrete mix;
- Research into the potential application of by-products such as aggregate fines for other construction uses.

We are also proud that this facility is strategically located near the Chan Sow Lin industrial area, home to various batching plants—making logistics for the collection and processing of concrete waste more practical and efficient.

Dear distinguished guests,



With this RCA Facility in place, I hope that industry players will become more aware and receptive to the use of recycled building materials. Though this may be a small beginning, I truly hope that players across the nation will take inspiration from this RCA initiative and spark more similar efforts to support sustainable construction practices.

In conclusion, I once again congratulate CREAM and YTL Cement Group for this strategic collaboration, and I hope more industry players will come forward to support such initiatives.

With the phrase Bismillahirrahmanirrahim,
I am pleased to officially launch the Repurposed Concrete Aggregates (RCA) Facility.

Wabillahi taufik wal hidayah.

Wassalamualaikum warahmatullahi wabarakatuh.

Thank you.