



Research *NEWS*

Department of Research & Innovation, UTM

RN 2/2026



Mesyuarat Kolaborasi Penyelidikan Di Antara Xin Sheng Environmental (Malaysia) Sdn. Bhd dan Universiti Teknologi Mara (UiTM)

7 May 2026

Bangunan Wawasan, UiTM Shah Alam

On 7 May 2026, a Research Collaboration Meeting between Xin Sheng Environmental (Malaysia) Sdn. Bhd. and Universiti Teknologi MARA (UiTM) through the UiTM Research Nexus Network (ReNeU) was held at UiTM Shah Alam.

The meeting brought together representatives from UiTM, including Professor Ts. Dr. Asmah Awal, Associate Professor Ir. Dr. Noor Fitrah Abu Bakar, Director of the Institute of Science (IoS), and members of the Research Interest Group (RIG), alongside Mr. Abu Bakar Osman, Business Development Director of Xin Sheng Environmental (Malaysia) Sdn. Bhd.

Discussions focused on addressing scheduled waste generated from zinc production processes, particularly Electric Arc Furnace (EAF) dust from steel manufacturing. The industry partner expressed interest in exploring innovative approaches to convert this industrial waste into value-added products. Potential research collaboration opportunities were identified between Xin Sheng Environmental, IoS, and the Hybrid Nanomaterials, Interfaces & Simulation (HYMFAST) Research Group in the areas of waste management and valorisation of zinc oxide (ZnO) production by-products.

The meeting also highlighted UiTM's research strengths in energy, engineering, advanced materials, waste conversion, fuel cells, power systems, catalysis, and hydrogen technologies. Both parties explored potential applications of recovered materials for batteries, hydrogen production, construction materials, fertilizers, and other environmentally compliant solutions.

The industry partner welcomed future collaboration with UiTM researchers and invited the university delegation to visit its manufacturing facilities. UiTM also expressed its readiness to formalize the partnership through a Memorandum of Understanding (MoU) or Memorandum of Agreement (MoA) as a foundation for long-term research collaboration.





Published by

Unit of Research Communication & Visibility

Department of Research & Innovation,
Level 5, Bangunan Canseleri Tuanku Syed Sirajuddin,
Universiti Teknologi MARA, 40450 Shah Alam, Selangor



اوسها تقوى موليا



JPI UiTM

#bevisible

Pemangkin Idea