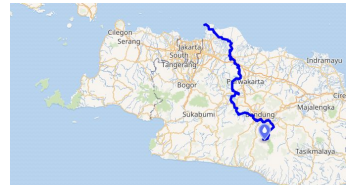


Synergistic-JCM feasibility study project for the introduction of an energy-creating wastewater treatment system to the Citarum River in Indonesia (Citarum WWtE project)



The Citarum River, flowing through Bandung and Jakarta, is known as the “world's most polluted” river. The dyeing industry located here is a major source of environmental pollution:

- Exhaust gases from coal boilers used for drying are a source of PM2.5 and other pollutants.
- Improper treatment of dyeing wastewater



The dyeing factory Primarily uses small coal-fired boilers.
 The aim is to eliminate the use of coal in industrial coal-fired boilers by 2030, thereby reducing PM2.5 emissions by 27%.
 (BETTER AIR, BETTER INDONESIA)

Utilizing biogas in boilers for drying to replace coal

This initiative contributes to:

Using JCM scheme, we purify river discharge through anaerobic fermentation, producing biogas for use in gas boilers and reducing coal consumption for decarbonization and air pollution prevention.

