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Before significant commitments are made for a Waste Heat Recovery project in the cement industry, a conceptual study should be commissioned to determine the viability and economics of the project



AVANT-GARDE
ENGINEERS AND CONSULTANTS (P) LTD.

PEC CONSULTING AND AVANT-GARDE HAVE JOINED EFFORTS TO PROVIDE A COMPREHENSIVE ANALYSIS

Cement technology leaders **CEMENT PROCESS KNOW-HOW**

1. Assess the waste heat available for power generation
2. Determine optimum sizing and configuration of WHR System, considering month-to-month moisture variations in the raw materials
3. Interface WHR with cement plant to minimize downtime during integration and start-up
4. Provide CAPEX/OPEX and economic analysis

Power Systems Specialists **DETAILED WHR SYSTEMS**

1. Optimization of Thermal cycle based on WHR potential
2. Power plant & auxiliaries design, engineering and start-up
3. Cost estimate and financial viability analysis for the power plant

OUR CONCEPTUAL STUDIES COMBINE THE BEST OF CEMENT PROCESS EXPERTISE AND POWER PLANT EXPERTISE