

Press release

Suez Cement invests around 20 million USD in Waste Heat Recovery System

18 MW of electricity will be generated from waste heat, saving energy, and reducing CO2 emissions

8 September 2021, Cairo - Suez Cement group of companies (SCGC), a subsidiary of Heidelberg Cement, today announced an investment of around 20 million USD to build in its Helwan factory a system to collect waste heat generated in its kiln and convert it into electrical energy.

The new facility will be using the latest technologies to ensure an environmentally friendly and energy-efficient production process and significantly reduce CO2 emissions produced from the electricity supply.

The "Waste Heat Recovery System" allows energy to be produced using excess heat from the production lines and has the potential to generate up to 18 MW of power for captive consumption.

"We have been investing a lot of capital recently in alternative and renewable energy sources, replacing known sources such as fuel in the form of coal and petcoke by alternative fuels including biomass, municipal and industrial waste. We continue investing to reduce our CO2 emissions and depollute the environment by eliminating 200K tons of waste per year that otherwise would be disposed in landfills," Jose Maria Magrina, Chief Executive Officer of the Suez Cement Group of Companies, said.

"Our sustainability efforts are in line with both Egypt's vision of 2030 as well as our commitments to reduce our CO2 emissions to the same level as of 1990 by 2025," he added.

Energy makes up a sizable part of the cost of producing cement and SCGC continues to make efforts to reduce energy use and meet Egypt's sustainability and environmental goals.

"Waste heat recovery can be a crucial factor in reducing energy use, costs, and CO2 emissions at cement plants by utilizing waste energy normally vented into the atmosphere to produce up to 30 percent of a cement plant's electricity needs. We are happy to be the forerunners of this effort in Egypt, as this is the first time such an installation is constructed in the Egyptian Cement industry," Magrina added.

SCGC started the project in mid-2021 and is expected to complete it by the end of 2022. "We are currently concluding negotiations with three of the top service providers to design and execute the facility during 2022, where the winner will be very soon declared in an event. We are keen on working with partners who will be able to demonstrate the commercial viability of the waste heat recovery system," Magrina highlighted.

SCGC announced its sustainability targets in 2016, following the launch of the 2030 Agenda for Sustainable Development and Egypt's Vision 2030. The targets focus on finding innovative solutions to reduce the company's environmental footprint, hence making the business even more sustainable and efficient.

"Our plans are committed to making a tangible difference in the areas of carbon footprint reduction, circular economy, protection of natural resources and welfare of our communities in Egypt," Magrina highlighted.

SUEZ CEMENT ON THE INTERNET: www.suezcement.com.eg

About Suez Cement Group of Companies

With an industrial network of four production facilities in Suez, Kattameya, Tourah and Helwan, Suez Cement Group of Companies is one of the largest cement producer in Egypt.

The company has a long-standing history in the market, yet is innovative in launching new brands and products to meet on-market needs. Suez Cement is home to 1,400 employees who participate in continuous training and advancement.

The group has an active safety and environmental policy, which is imperative for building a sustainable environment for employees and the communities in which it operates. The group has proudly built some of Egypt's most well-known landmarks and is building its future around serving the market and growing customer demands. Suez Cement is majority owned by the Heidelberg Cement Group, making it part of a family of organizations that represents one of the world's largest building materials companies.