

Teamnetwork EPC solution to reducing clinker and CO<sub>2</sub> emissions for Aalborg Portland's Plant in Denmark

# REDUCING ENVIRONMENTAL IMPACT WITH AUTOMATED LIMESTONE STORAGE



Teamnetwork SRL offers a wide range of integrated industrial services, from single equipment to EPC solutions, plants design, civil and industrial engineering, logistics, management and technical consulting, industrial maintenance, based on 70 years of experience in the cement industry.

In June 2022 Teamnetwork elaborated an EPC solution to feed limestone to cement mills, reducing both clinker consumption and CO<sub>2</sub> emissions for Aalborg Portland's Plant in Denmark. Teamnetwork's technical department has proposed an automated limestone storage, less invasive than competitors' solutions.

The storage structure will be made of concrete and steel with a capacity of 6.000 tons; trucks will unload the material in two pits and an automated crane will handle it either in the storage area or in two hoppers, with feeding capacity around 220 t/h. Weigh feeders and belt conveyors will connect storage to mills, with modular dosing capacity to be set by control system from CCR, and dedusting systems will be in storage input/output points.

