

SUCCESS STORY AT A GLANCE

OYAK Cement Boosts Alternative Fuel Usage from 4% to 30% — for Savings of Around \$39M

When a leading Turkish cement maker turned to AI for process optimization, the company identified and rolled out improvements that reduced cost, and most importantly, brought down CO2 emissions dramatically.

Challenge

About eight percent of CO2 emissions stem from manufacturing cement. That's why OYAK sought to identify process improvements that would reduce CO2 emissions and costs.

Solution

AI-assisted process control helps predict failures, identify needed maintenance and upgrades, lower energy consumption, and reduce CO2 emissions.

Results



Reduced costs
by approximately
\$39M, in part
due to AI



Increased
alternative
fuel usage by
seven times



Saved
9 million
trees



Cut by 75%
the time to predict
mechanical
failures

Want more information on how you can get these results?

[Learn More](#)

DataRobot AI Cloud is the next generation of AI. The unified platform is built for all data types, all users, and all environments to deliver critical business insights for every organization. DataRobot is trusted by global customers across industries and verticals, including a third of the Fortune 50. For more information, visit <http://www.datarobot.com/>.

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COMPANY

OYAK Cement

INDUSTRY

Manufacturing

PRODUCTS

Data Prep, AutoML &
Time Series, MLOps

COUNTRY

Turkey



With DataRobot, we can now see on a cost basis, efficiency basis, and most importantly, an environmental basis, where we will see an advantage and proactively make changes."

Berkan Fidan

Performance and Process Director