



SUCCESS STORY MODERNIZATION OF A CONSTRUCTION COMPANY

SBTH is a construction company that operates in the commercial and residential sectors. With a strong demand and increased competition, the company saw a need to increase its competitiveness by investing in the modernization of its construction equipment.

Currently, SBTH uses either cement bags or a cement mixer with crane transfer occurring in the construction sites. This method is costly, slow, and limited to sites that are accessible and not traffic-congested. The crane is fed continuously by a stand-alone generator that consumes on average 120 liters of diesel per day to produce 60 m³ of concrete.

SBTH decided to acquire a concrete pump mounted on a Euro 5 truck, which can be used in remote sites and will consume only 1 liter of diesel per m³ of concrete compared to 2 liters of diesel per m³ of concrete that is needed for cement mixer and a crane.

This investment will result in 50% fuel consumption and CO₂ emissions reduction.



THE COMPANY

SME

Construction

Location – Casablanca, Morocco



INVESTMENTS

364 000 Euros

A concrete pump mounted on a Euro 5 truck



PROJECT GOALS

Reduction of energy consumption and costs

Modernization of equipment

Increase productivity



RESULTS

Energy savings: 240 000 L of diesel / year;

Energy savings: 50%

Reduction in CO₂ emissions: 649 TCO₂e/year

Reduction in CO₂ emissions: 50%

Developed by



European Bank
for Reconstruction and Development

In Cooperation with



KFW



Supported by



SEMED MULTIDONOR ACCOUNT
(This Fund is supported by Australia, Finland, France, Germany, Italy, the Netherlands, Norway, Sweden, Taipei China and the United Kingdom)

