










Modernisation of a precast concrete manufacturing line



-  **PFI:** Maroc Leasing, Assisted Investment
-  **Company:** Prefa Maroc, Berrechid - founded in 2009
-  **Activity:** Precast concrete manufacturer
-  **Eligible MorSEFF Investment:** 1 million EUR
-  **Description of the investment:** PREFA MAROC, a precast concrete products manufacturer approached MorSEFF for technical assistance and financing of its investment project consisting of the replacement of its old production line, with a highly efficient one. The new prefabricated concrete production line should help serve the central region of Morocco market in need of good quality products (agglos, slabs, pavers and curbs). The upgraded turnkey line consists of a concrete batching plant, a packaging machine, a press, an elevator, and handling systems. The investment will result in shorter mixing and curing times, energy, water and resource (cement) efficiency as well as an automatic change of the press molds. The average energy consumption will decrease by 360 MWh/year (40.3 %) and the capacity will increase by 89%. In addition, 231.6 tCO₂equiv of GHG emissions should be avoided each year. This investment should also enable the company to increase the treated concrete volume by 42 600 m³/ year.

-  **Energy savings:** 365 MWh/year (40.3%)
-  **Avoided greenhouse gas emissions:** 231.6 T equiv CO₂ /year
-  **Internal Rate of Return:** 13.1%
-  **Payback period:** 6.9 years