



# REFRESH, UPGRADE, PERFORM

## Tile production line improvements



# REPLACEMENT OF WET SEPARATOR WITH BAG FILTER

SACMI for energy savings



Optimized consumption management

In order to cope with increasingly stringent limits on dust emissions into the environment, old wet dust separation systems can be replaced by modern **bag filters**.

## ADVANTAGES

- Reduction of dust emissions up to **10mg/Nm<sup>3</sup>**
- Elimination of wet separator water consumption
- Possibility of eliminating cyclones
- Reduction of up to 30% in electricity consumption
- No maintenance required for cyclones subject to constant wear and tear
- Easy handling of fine dust

See other revamping solutions  
for powder preparation





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## Technical features

**Dust emissions into the environment** are subject to increasingly stringent limits, as part of growing regulatory attention and social awareness of the sustainability of manufacturing.

The proposed intervention goes exactly in this direction: by installing the **bag filter** in place of the traditional wet filter, dust emissions can be reduced by up to **10mg/Nm<sup>3</sup>** while at the same time reducing electricity consumption and eliminating water consumption.

The intervention includes all necessary modifications to the machine for the integration of this technology. The positioning of the bag filter in the layout is followed directly by SACMI in accordance with the customer's requirements.

