

# Successful future

Developing first-class and innovative solutions for individual applications is a key element in the corporate philosophy of Polysius and is illustrated by one of the most modern white cement plants in the world.

Follow-up kiln plant orders received from Chinese and Brazilian companies demonstrate our customers' confidence in the quality of Polysius equipment.

## Major turnkey white cement plant brought on line in Tunisia

Feriana / Tunisia

At the end of 2009, the 1,000 tpd white cement production line supplied on a turnkey basis to SOciété Tuniso-Andalouse de Clment Blanc (SOTACIB) started production. This new line is an extension of the existing cement works in Feriana, West Tunisia.

It consists of a raw grinding plant and the kiln line consisting of a DOPOL® '90 with PREPOL®-AS precalciner, the rotary kiln, and the innovative



**Large picture** 1,000 tpd white cement production line in Tunisia.

**Fig. 1** Old alongside new: the new white cement production line and the Feriana cement plant in the background.

**Fig. 2** In the white cement production line: twin cooler with roll crusher and POLYTRACK®.

**Fig. 3** New 5,000 tpd cement clinker production line in Egypt.

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twin cooler made by Polysius. This cooling system consists of a rotary cooler followed by a roll crusher and the POLYTRACK®.

Cement grinding takes place in a ball mill equipped with a SEPOL® high-efficiency separator.

## **Gigantic kiln plants for China: Two 12,000 tpd kiln systems for Conch Cement Wuhu / China**

Following on the success of two 10,000 tpd cement clinker kiln lines from Polysius that have been in operation at Anhui Conch Cement since 2004, Wuhu Conch Cement Ltd. selected Polysius as their partner for the construction of two 12,000 tpd kiln lines at Wuhu in the Chinese province of Anhui.

The 5-stage and 2-string DOPOL® preheater will be equipped with a PREPOL®-MSC calciner and an SNCR system.

Two calciner burners will be installed in the calciner and a POLFLAME® clinkering zone burner is to be used in the 96m-long rotary kiln.

## **New 2,500 tpd kiln plant for Brazil Brasilia / Brazil**

Polysius is to build a new 2,500 tpd kiln line for Ciplan Cimento Planalto S.A. at the Sobradinho cement factory, situated about 22 km north-east of the Brazilian capital city of Brasilia.

The 6-stage DOPOL® preheater with PREPOL®-AS calcining system and 4.0 m x 60 m rotary kiln is due to go into operation at the end of 2010. This is already the third kiln line constructed by Polysius in Sobradinho.

## **Two granulated blast furnace slag grinding plants for China Jiujiang / China**

Beijing Jianhuan Technology and Trade Co. Ltd. has contracted Polysius to supply two roller mills for granulated blast furnace slag grinding.

Both grinding plants have a rated output of 90 t/h of ground blast furnace slag with a fineness of 4,300 Blaine and will be installed at the Jiujiang factory in the Jiangxi province.

## **Polysius news**

In November 2009, commissioning work was started at the new 5,000 tpd cement clinker production line built for the Egyptian company Misr Beni Suef Cement Co. SAE in Beni Suef.

Polysius supplied all the main components for this new plant from the raw material storage facility via the grinding plant up to the complete kiln line.

