

# Securing and sha

**Our customer proximity enables Polysius to register market demands quickly and to provide the required solutions.**

## **Cementos del Norte awards turnkey order**

### **Rio Bijao / Honduras**

With the aim of raising production capacity by 3,300 tonnes of cement clinker per day, Cementos del Norte S.A. contracted Polysius to upgrade their factory in Rio Bijao, Choloma by installing state-of-the art Polysius systems.

Polysius convinced the customer with an innovative concept that not only covers the installation of future-oriented technologies but also integrates a large number of already existing plant components.

The order for a turnkey plant extension includes ● a 240 tph QUADROPOL® for raw material grinding ● a 5-stage DOPOL® '90 preheater with PREPOL®-MSC-CC calciner ● a POLRO® rotary kiln ● a POLYTRACK® clinker cooler ● a 95 tph roller mill for cement grinding ● a 14 tph tube mill for coal grinding ● POLAB® automation systems



**Fig. 1** Signing of the contract for the 2,720 tpd cement clinker production line for American Cement.

**Fig. 2** POLYTRACK® clinker cooler with intermediate roll crusher.

**Fig. 3** The new 7,200 tpd clinker production line at Gulf Cement Co. in the United Arab Emirates.

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and ● the POLCID® NT process control system. The planned date of production startup is November 2008.

## **POLYTRACK® clinker cooler for...**

### **Azogues/Ecuador**

To replace their old reciprocating grate cooler, Cia. Industrias Guapán S.A. have ordered a POLYTRACK® from Polysius. The POLYTRACK®, equipped with a roll crusher, will have a rated clinker output of 1,300 tpd. Together with the associated dedusting system, it will be put into service at the end of 2007.

### **Padang Rengas/Malaysia**

Perak-Hanjoong Simen SDN BHD (a member of the YTL Group) have decided to upgrade their cement factory in Padang Rengas. The plant is located between Ipoh and Taiping in the north-west of Malaysia.

Polysius is to supply a POLYTRACK® clinker cooler with intermediate roll crusher for a rated clinker production capacity of minimum 4,000 tpd. The modification of the kiln line includes the installation of a new kiln shell end section with

kiln outlet seal, a new kiln hood, adaptation of the cooler exhaust air dedusting system and associated dust conveying system, as well as a new clinker conveyor.

## **2,720 tpd cement production line for American Cement**

### **Sumterville, Florida/USA**

As from 2008, cement will be produced on a green field site in Sumterville, Florida. In October 2006, the American Cement Company LLC contracted Polysius to supply and construct a new 2,720 tpd cement production line.

The new line includes the following main components: a raw material storage facility with a bridge scraper reclaiming, QUADROPOL® roller mill for grinding 209 tph of raw material, a tangential blending silo, 4-stage DOPOL® '90 with PREPOL®-MSC-CC calcining system, POLRO® rotary kiln, POLYTRACK® clinker cooler, two 22,500 t clinker silos, a 138 tph cement grinding plant consisting of a two-compartment separator mill with COMBIFLEX® drive and SEPOL® high-efficiency separator. An 18 tph roller mill will be used for coal grinding.



## **Polysius latest**

In the United Arab Emirates, commissioning of the new 7,200 tpd cement production line has started at Gulf Cement Co. in Ras al Khaimah.

The highlight of this line is the world's biggest QUADROPOL® roller mill with a raw meal output of 600 tph. Its dimensions are gigantic: mill height approx. 24 metres, drive 7,000 kW, 4 roller units weighing 180 tonnes each.

### **Polysius AG**

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