



Soil Stabilization Technology

KABA Infratech (P) Ltd



KABA Infratech (P) Ltd has been formed to bring much needed reform in Indian road construction mechanism.

In Year 2013 KABA became the sole representative of Van Mannekus BV, Netherlands, a flagship company of Roullier Group, for Indian sub- continent to promote their cutting edge GeoCrete® technology for numerous soil stabilization applications. KABA Infratech provides complete end to end technological, men, material and machinery support for the successful execution of GeoCrete® road projects in India. Right from conceptualization to designing to implementation and to delivery KABA Infratech owns up the full responsibility of the project.



Core Team Members

- 1.Anurag Chaturvedi – Managing Director**
- 2.R. Subramania – Chief Technical Advisor**
- 3.Abheshek Bhatnagar – Director**

Company profile of Van Mannekus BV



Van Mannekus & Co B.V. - Schiedam (Rotterdam)

- Expert processing and trading company for Magnesium and Emery grades
- Storage capacity of 15.000 Mt
- 3 mills with total capacity of ca. 50.000 tpa
- New fully automatic packing line (2008)
- New PLM crane (2009)
 - ✓ Crane unloading possibilities for vessels up to 200 meter
- Sales of 70.000 tpa magnesia
- Plant is ISO 9001:2008, GMP+(Production, Process, sea transport) certified.

Van Mannekus Universal - Oudembosch

- JV with St. Gobain Abrasives for production of Emery
- Capacity of 10.000 tpa

Schiedam plant



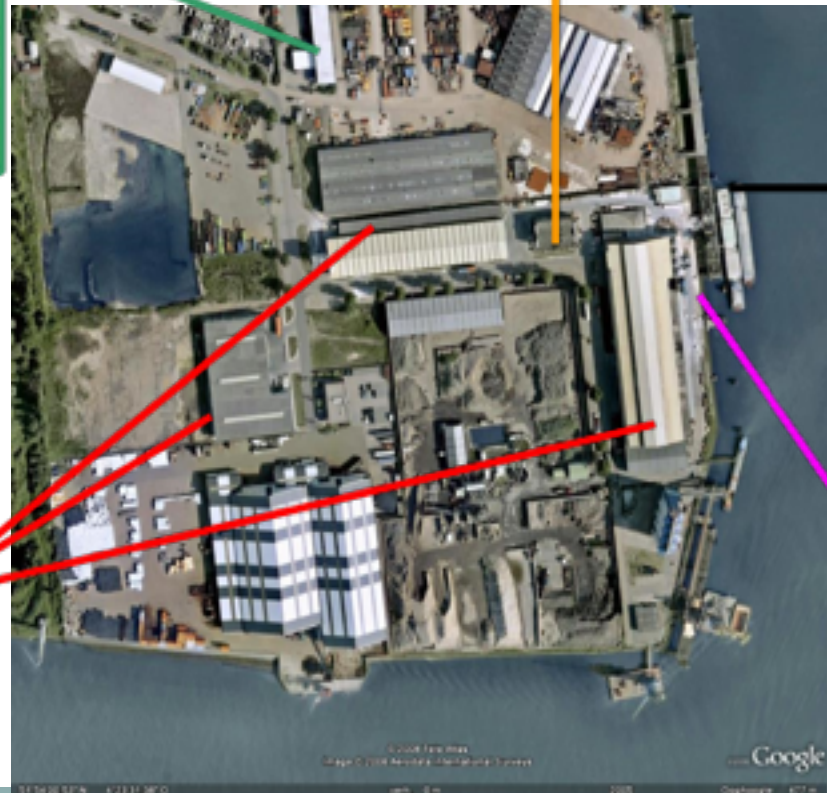
The office



Bulk Silo's



Warehouses



Mobile Crane



Mills and Packing line

Share holders

Roullier

- Founded in 1959
- Independent Family Business
- €3.5 billion turnover in 2015-16
- Operates in 40 countries
- 60 industrial units worldwide
- 6000 employees
- Research center



www.roullier.com

TIMAB Roullier subsidiary

- Turnover 2015-16 : 350 million Euros
- 120 employees
- Sales team of 30 people covering over 65 countries
- CCM production & distribution capacity of 300 ,000 tons
- 1 mine in Spain and 1 mine in Brazil
- 7 Production sites in Europe, North Africa and South America
- 11 Sales Offices
- 25 storage sites (19 warehouses abroad)



www.timab.com

Share holders



Grecian Magnesite

- Independent Family business
- 2 mines in Greece, 1 in Turkey
- Co-owner with Timab in the mine in Spain
- Plant for refractory masses
- Production capacity of 200,000 tons of CCM and DBM www.grecianmagnesite.com
- 100 years of knowledge of magnesium applications
- R&D center in Thessaloniki

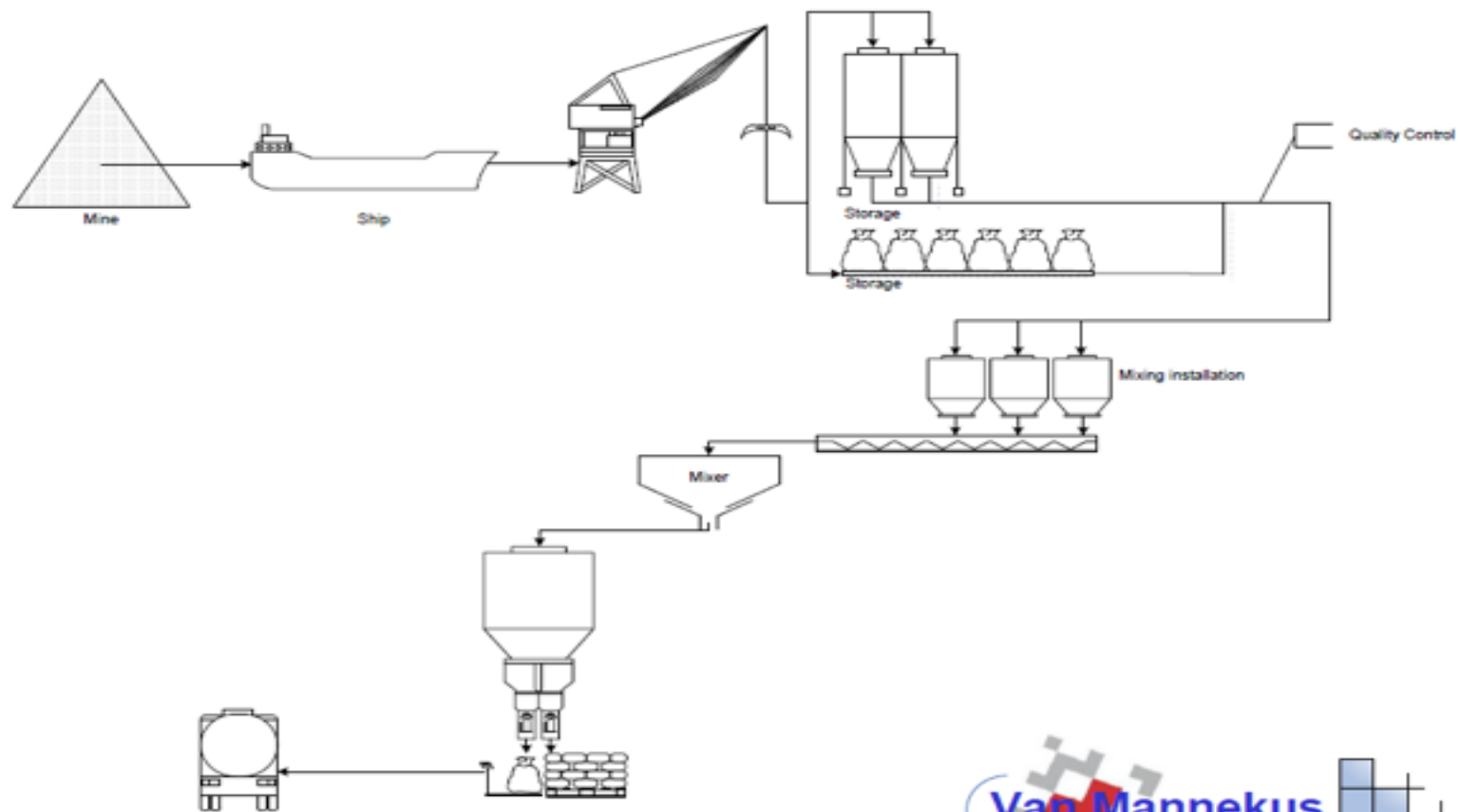


Partners

Russian Mining Chemical Co.

- Russian Mining Chemical Company was founded in 2002
- The Brucite deposit is located in Kuldur
- Company controls full chain of production, from mining to pac
- End-product with excellent and constant characteristics
- Micronising and coating facilities in Vyazma for the production of Ecopiren flame retardant

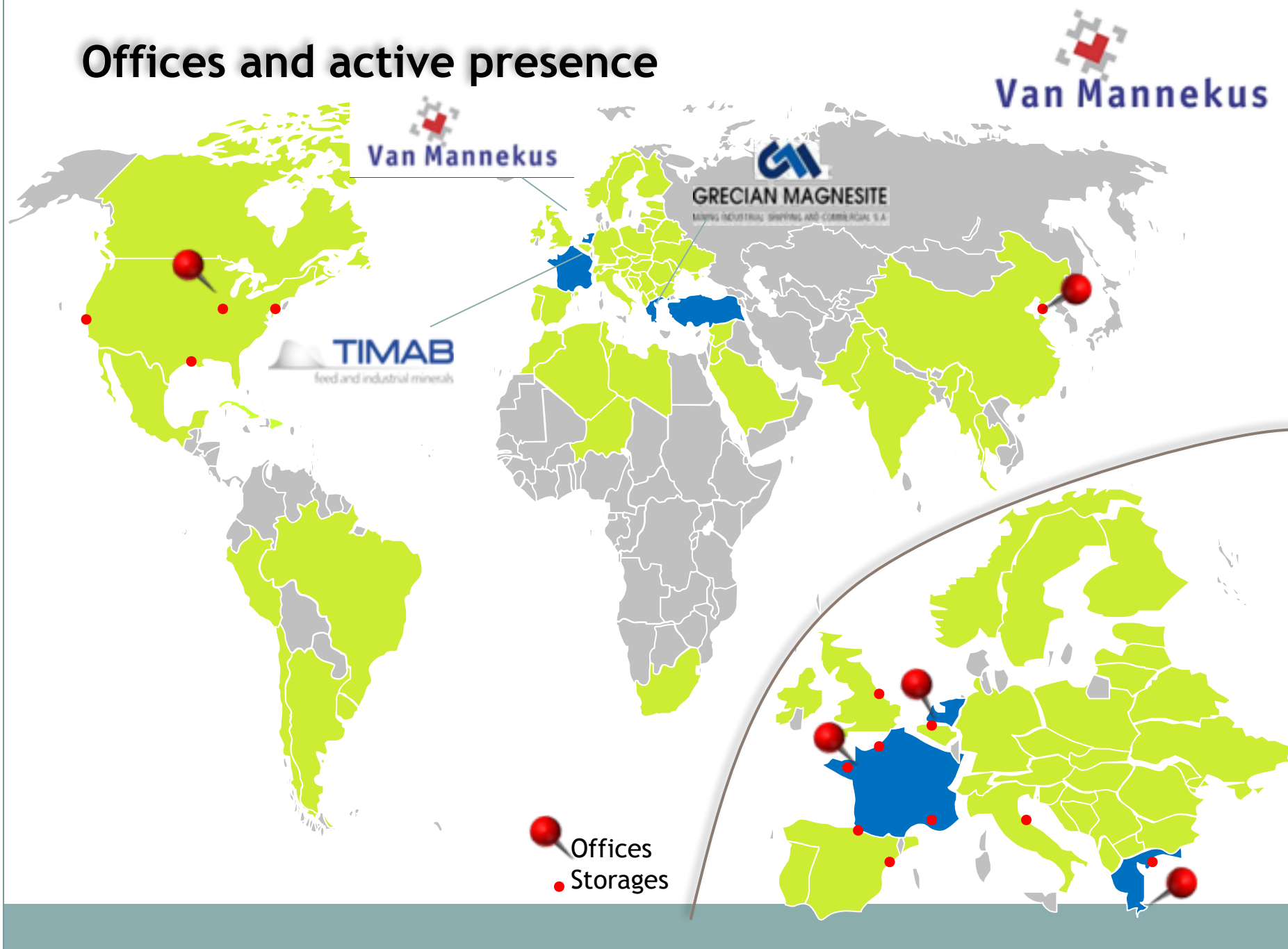




Products offerings from Van Mannekus



Offices and active presence



Merits of GeoCrete®

No need for additional aggregates.

Significant cost reduction in earthworks.

Longer life of more than 10 years of the stabilized road base.

Suitable for both greenfield and brownfield projects.

Highly time saving. 1KM single lane can be easily completed in 8 hours single shift.

Fully confirms to IRC:37,84,120. Duly vetted by CRRI, Mathura road, New Delhi.

No wastage. Use in-situ material.

Reduction of cracks and settlements.

Reduction of wearing coats.

Highly impermeable.

Less periodic maintenance.

Completely recyclable. 100% Eco-friendly. No leeching effect.

OPERATIONAL PROCEDURE OF USING GEOCRETE

BASIC PROCEDURAL STEPS FOR GREENFIELD PROJECT

The six easy steps that guide on usage of GeoCrete® are as follows:-

- **Surface Preparation** including initial investigation, examining physical properties of soil, pre-levelling and marking of stabilization area.
- **Spreading of Cement & GeoCrete® premix** post determining appropriate proportion of cement & GeoCrete® and choice of relevant spreading vehicle.
- **Milling of Soil with Cement & GeoCrete® premix** – Requisite equipment are used to dig the soil to a certain extent and simultaneously form a homogeneous mixture of soil/on site material, cement and GeoCrete® premix in a single easy step.
- **Surface Compression** including selection of appropriate technique (Dynamic/Static), using of appropriate equipment and post profiling, if required.
- **Quality Assurance** which includes series of test like static plate tests, dynamic plate tests, compression strength tests and many more to assure superior quality of construction.
- **Surface Curing** in a continual manner as per frequency required.



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