



Engineering & supply of advanced and highly developed Float bath technology and complete Float Glass plants

Engineering & supply of advanced Waste Heat Recovery and Utility systems

Glass Technology and Process development

Engineering & Supply of highly competitive Mineral Wool, Insulation and Container Glass plants and technology

In 2014 the companies plan to merge together for strength concentration and efficiency increase!

### **Background**

- $\Rightarrow$  Since more than 25 years in the glass business
- ⇒ Career start at Flachglas AG, member of Pilkington Group operating at various technological and process positions and national and international investment projects
- ⇒ From early 2000 beginning of independence operation by foundation of separated engineering companies or by provision of freelancing support
- $\Rightarrow\,$  Job change for some into another glass business fields (Glass Wool, Container Glass, etc.)
- ⇒ Independent company development for provision of engineering and turn-key supply, and foundation of further independent companies
- $\Rightarrow$  Network cooperation by forming project oriented groups by implementation of the required experts

### <u>Strength</u>

- ⇒ Disposing about long termed praxis in planning, realization <u>and operation</u> of various glass production technology and processes
- ⇒ Additional operation knowledge distinguishes us from market competitors, which are mainly coming from equipment manufacturing, and therefore configure and design equipment and plants with different focus
- $\Rightarrow$  Development of integrated concepts and tailor made solutions
- $\Rightarrow$  Determination and balancing of investment and operation costs
- ⇒ Technology development and improvement based on practical experience. We dispose about unique and also patent registered solutions for process optimization and for reduction of primary energy demand

#### Shortly said: We know the difference!

# Turnkey Supply

We worldwide supply key technological equipment up to complete production plants for the glass and insulation industry, as well as systems for process optimization and reduction of primary energy demand:

- $\Rightarrow$  Extra wide Float bathes for production of TFT glass (0,7 mm)
- $\Rightarrow$  Float bathes for production of 2 19 mm glass thickness and for plants from 35 1.000 t/24h
- $\Rightarrow$  Waste heat recovery systems for generation of 250 kW 6 MW electrical power at shortest ROI
- $\Rightarrow$  EQM System for furnace pressure control optimization and primary energy savings
- $\Rightarrow$  REGOPT System for regenerator mode optimization
- $\Rightarrow$  Integrated plant energy supply and utility system

# <u>Services</u>

We worldwide provide the complete range of services and solutions for planning and realization of "green" or "grey" field investment projects.

Certainly our scope of supply could also be adapted customized for particular demands and requirements.

For each particular project our services therefore could be assembled from following service packages (have a look to following pages or also to our web-sites for more details):

- $\Rightarrow$  Consulting & Studies
- ⇒ **Project Management**
- $\Rightarrow$  Project and Architectural Engineering
- $\Rightarrow$  On-site-Management, Commissioning and Production start-up
- ⇒ Technological and Process Development
- $\Rightarrow$  Process training and Operation support

References









INTERPANE



ОАО "ГОМЕЛЬСТЕКЛО"

### ROCKWOOL

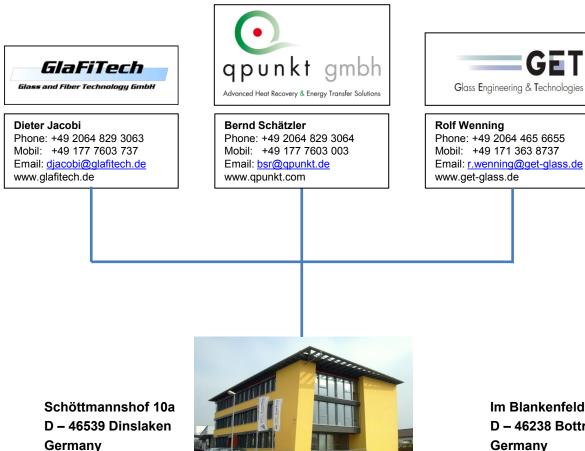








#### Contacts





**Bernhard Katter** Phone: +49 2041 7795 214 Mobil: +49 151 5881690 Email: b.katter@gft-gmbh.org www.gft-gmbh.org



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