

ENGINEERING SERVICES FOR GREENFIELD PROJECTS

HiTRUST



WE ARE GLASS PEOPLE

 **heye**
international

SAFE INVESTMENT

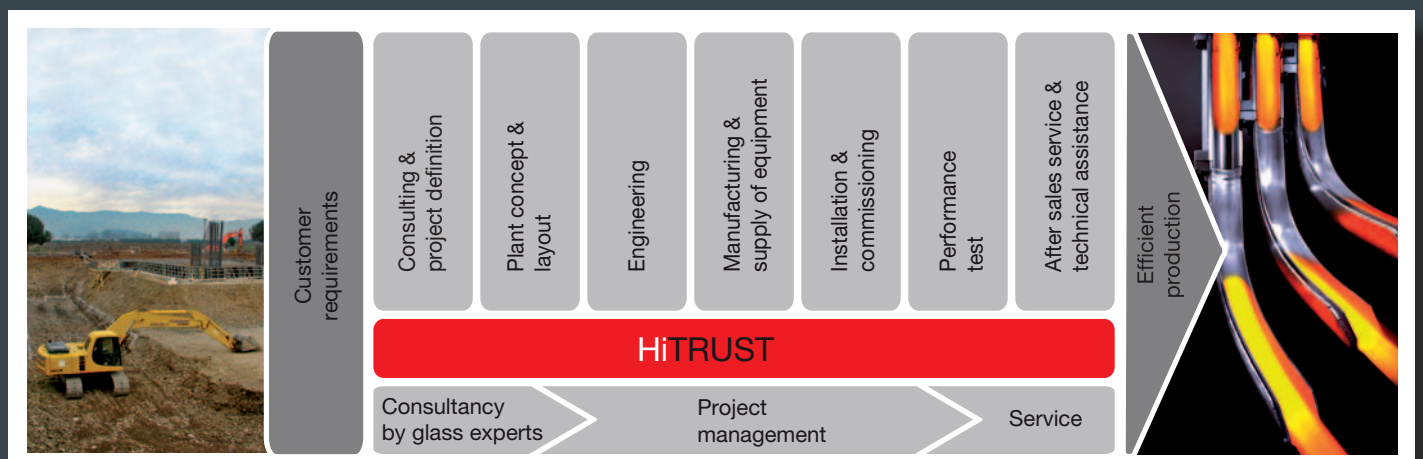
EFFICIENT PRODUCTION DESIGN



The realisation of a greenfield project is a huge investment and to trust in the scheduled return of investment an efficient and smoothly production is the key. Heye International is synonymous with quality and innovation in planning, realisation and construction of glass plants.

HiTRUST

Heye International has experience of many and varied projects of every type all over the world. We call this knowledge HiTRUST and through this initiative, in close partnership with you as investor, we can manage any and every aspect of your project. All our competences are brought together in the HiTRUST process chain as seen below. The global in-house competence from Heye International and our long-standing know-how, covering all project stages and processes with our large pool of experts in each field of knowledge.



INNOVATIVE PLANT CONCEPT

Heye International supports the investor in the first part of the project with a detailed plant concept with layout, whereby a clear basis for the investment is given.

ENGINEERING COMPETENCE

Our engineering team has the competence for all glass specific areas of a glass plant and offers with a basic design all necessary informations for more detailed budget estimation for the whole project.

Also proposals for the energy concept, environmental aspects and building requirements are part of the basic design and are the foundation for detailed discussions with local energy suppliers, contractors and authorities.

The preparation of tender documents for the glass specific equipment and the support in the selection of the supplier can also be part of the basic design.

When the suppliers are selected, Heye International prepares with the basic engineering the design requirements for local contractors or a general contractor to finish the detail design.

Based on our experience in the Hot End production we are able to prepare the detail engineering by creating drawings for the surroundings, like intermediate platform, gob funnel, compressed air, water connection piping etc.

EXPERTISE IN INSTALLATION AND COMMISSIONING

The Heye International engineering department assists the investor also in supervision of installation and during the start of the plant and the production. If desired Heye International organize and leads the performance tests of production areas for the whole plant performance.

STRUCTURED PROJECT MANAGEMENT

Each project has his own professional, highly experienced project manager, who leads every step and is the consultant for the customer. Therefore Heye International developed their own Project Management Handbook, called PM@Heye, which is based on the international PMI rules. With PM@Heye both project partners have a structured project programm with:

- Milestones
- Work packages
- Responsibilities
- Project organigram with contact person

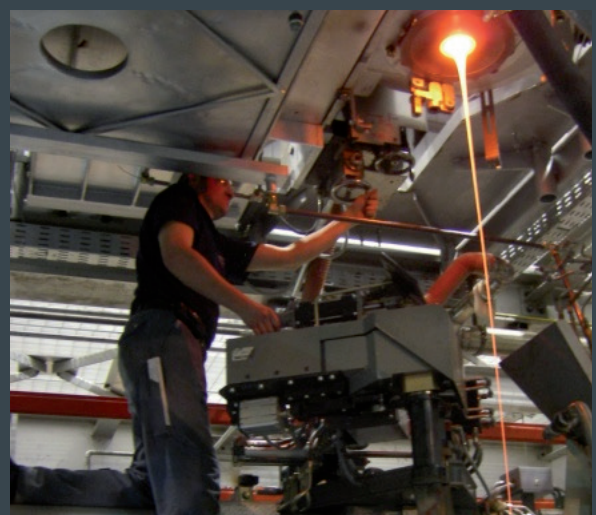
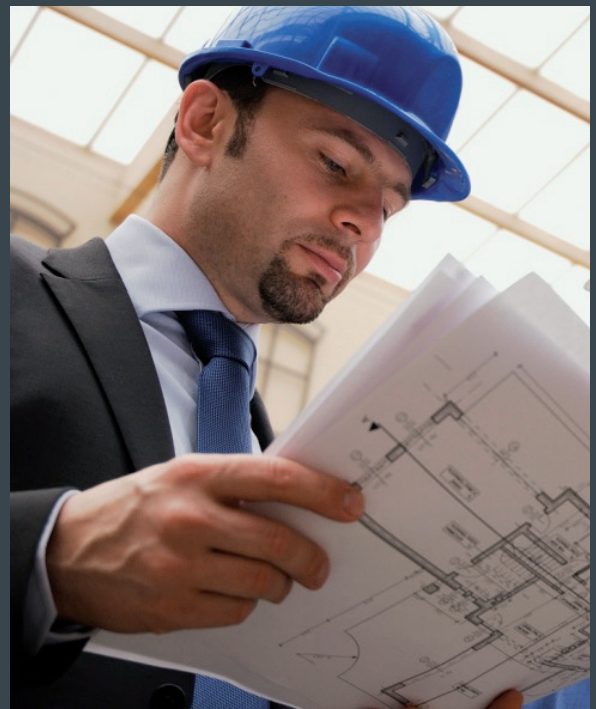
The Heye International project managers will give continuous progress reports and are responsible for making sure the project is finalized up to quality standard, on budget and on time.

KNOW-HOW TRANSFER WITH OUR TECHNICAL ASSISTANCE AGREEMENT

Modern glass container production is more than just using modern forming equipment. The larger portion is determined by the methods and procedures and the way how all the stages of the process work and fit together.

Highly skilled employees are expensive and are becoming more and more difficult to find. In the day-to-day workings of a glass plant, special expertise is often necessary, not only when production is interrupted, but also when new technologies are being implemented or plant performance is being pushed to the next level.

A bespoke technical assistance service, where supplier and customer become true partners, is the answer.



HEYE INTERNATIONAL SOLUTION PORTFOLIO

Hot End production equipment

Cold End inspection solutions

Project management

Plant engineering

Hot End detail engineering

Technical Assistance Agreement

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