



# GEA Heat Exchangers

A new segment is built

# Welcome to GEA Heat Exchangers

The Heat Exchangers segment will commence operations as of 1. January 2010, concurrent with the reorganization of the GEA Group as a whole. This newly-formed segment will in future consolidate all activities from the Heat Exchangers field.

By focusing all heat-exchanger activities in one single segment, GEA now highlights its position as world leader on the market of heat exchangers. Concentration of business in this new segment will further improve the proximity to our customers and, at the same time, the access to the product portfolio of GEA. It will likewise vigorously promote high GEA quality standards, in conjunction with the customized solutions of GEA as a leading technology group.

GEA Heat Exchangers covers numerous application areas, from air conditioning systems to cooling towers, and therefore probably provides the widest range of product portfolio of heat exchangers worldwide. Finned-tube heat exchangers, single-tube heat exchangers, Heller systems, air-cooled condensers, wet cooling towers, plate heat exchangers, HVAC systems, and all kinds of shell-and-tube heat exchangers: for all feasible applications, the new GEA segment Heat Exchangers offers from one source the best possible solutions. And it powerfully supports planning efforts in all areas of heat transfer.

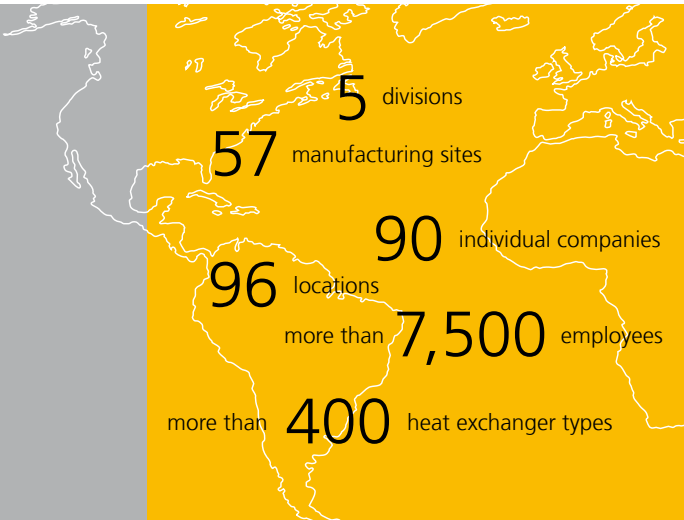
# A strong segment is established

GEA Heat Exchangers will become the largest segment within the GEA Group and contributes more than a third to the Group revenue with its business.

It is an enormous challenge –  
the figures are impressive:

- 5 divisions will contribute to the new Heat Exchangers segment.
- 90 individual companies at
- 96 locations with
- more than 7,500 employees offer
- over 400 heat exchanger types.

The formation of the HX business segment will take until 2011.



The aim of bundling our activities is to offer you an enhanced access to our whole product portfolio of GEA heat exchangers. Therefore you benefit from our excellent products and services as well as a powerful team.

Bundling our worldwide know-how in the area of heat transfer expresses in innovative products. The question of efficiency increase of your processes is our main focus.

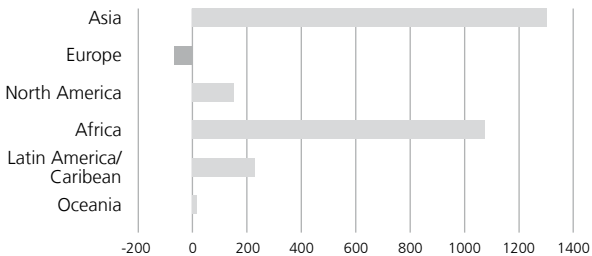
At the same time high quality standards and service quality stay in the center of our concentration.



# Grow and increase in value

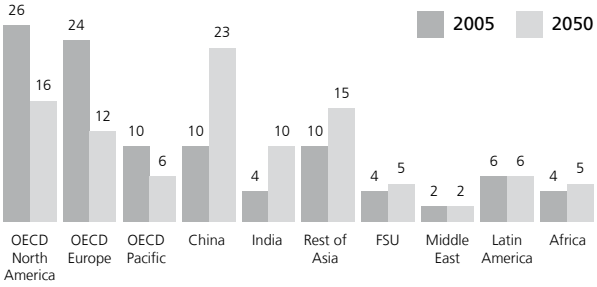
Due to product innovations and investments in growth markets we ensure our position sustainable. Accordingly we are orientating our business to the challenges of the future and will be present wherever our customers are.

**The world population is constantly growing.** It will grow from a current 6.6 billion to around 9 billion in 2050 and according to research an estimated seven billion people will be living on Earth by 2012. The population is growing above all in Asia and Africa, whereas it is falling in Europe.



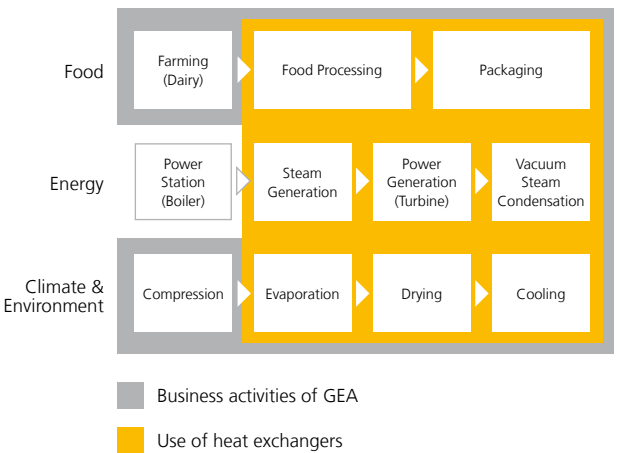
Development of World Population until 2050 in Millions

Parallel to this **incomes in the emerging markets** will rise with progressive industrialization. This will lead to rising demands in the standard of living, which will be accompanied by an increased demand for high-quality foods and an increased need for energy. Moreover, there is an increasing awareness regarding the climate and the environment.



**Development of GDP (in percent)**

With the restructuring and the foundation of the Heat Exchangers segment the Group is set to be present and successful in these growth markets – both from a geographical and application point of view. We will take advantage of the opportunities of tomorrow to an optimum extent.



# Management – Integrity and Passion



Segment President:  
**Jörg Jeliniewski**

Master Degree of Mechanical Engineering (Bochum/GER and Providence/US) and Degree in Business Administration

Working for GEA since 1989.



Chief Financial Officer:  
**Michael Andersen**

Master of Science in Business Economics and Auditing and a State Authorized Public Accountant (auditor)

Working for GEA since 1995.



Chief Operating Officer:  
**Jan Siebert**

Master of Engineering in Aerospace Technology

Working for GEA since 2005.



Chief Manufacturing Officer:  
**Dr. Michael Junker**

MBA

Working for GEA since 1997.

efficiency in food  
and energy processes.



GEA Group Aktiengesellschaft · Dorstener Str. 484 · 44809 Bochum · Germany  
Phone +49 (0) 234 - 9800 · [www.geagroup.com](http://www.geagroup.com)



# The Heat Exchangers Business Units

Heat exchangers can be found in almost every industrial plant. We particularly focus on the markets of the food and energy industry as well as the markets for climate and environmental technology. The Heat Exchangers segment will be composed of parts of the previous divisions Thermal Engineering, Process Equipment, Air Treatment, Refrigeration and Process Engineering.

The individual companies are listed on the following pages and show the new allocation to the corresponding business units with their product portfolio. Due to our new product-based focus, several companies may belong to several business units at the same time.

The operational business units are supported by the Manufacturing Business Unit that is headed by Dr. Michael Junker. The Business Unit Manufacturing is responsible for all manufacturing activities within the Heat Exchangers Segment. In this function, it will especially deal with the simplification of manufacturing processes, an optimized workload for manufacturing facilities as well as the optimization of production cost.





## AFC Single Tube

### Management:

- Jean-Pierre Pasquereau

### Products:

- Air Fin Coolers with single finned tubes (Steel, Steel Al, Stainless Steel, Galvanized etc.)
- L-Fin, G-Fin, Extruded

### Companies:

#### Europe:

- GEA Airflow Services S.A.S
- GEA Batignolles Technologies Thermiques S.A.S.
- GEA Ibérica S.A.
- GEA Klimatechnik GmbH & Co KG
- GEA Luftkühler GmbH
- GEA Maschinenkühltechnik GmbH
- GEA NEMA Wärmetauscher GmbH
- GEA Renzmann & Grünwald GmbH
- GEA Scambiatori di Calore S.r.l.
- GEA Technika Ciepna Spółka z o.o.
- GEA Happel Wieland GmbH

#### North America:

- GEA Rainey Canada Corp.
- GEA Rainey Corp.

#### South America:

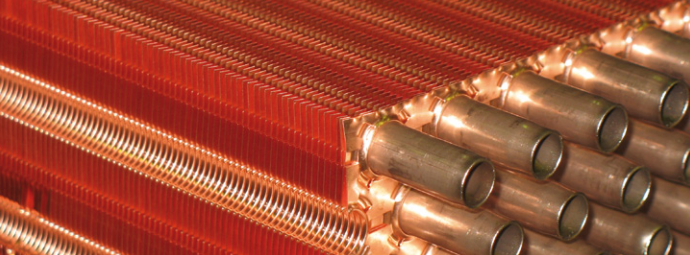
- GEA do Brasil Intercambiadores Ltda.

#### Middle East/Africa:

- GEA Aircooled Systems (Pty) Ltd.
- GEA Batignolles Technologies Thermiques Qatar L.L.C.

#### Asia Pacific:

- GEA Batignolles Technologies Thermiques (Changshu) Co. Ltd.
- GEA Industrial Heat Exchanger Systems (China) Co., Ltd.
- Wuhan Bloksma Heat Exchangers Co. Ltd.



## AFC Compact Systems

### Management:

- Pierre Chaix

### Products:

- Types with compact finned tubes HX (Cu-Cu, Cu-Al, Al-Al, Stainless Steel etc.)
- Expanded

### Companies:

#### Europe:

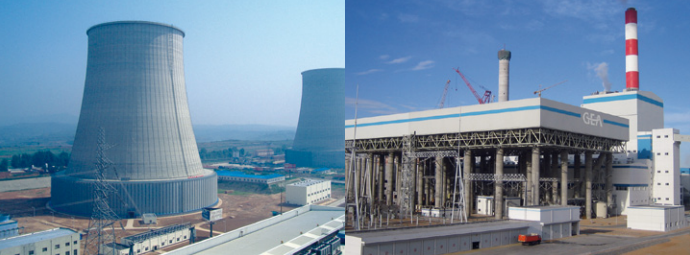
- GEA Bloksma B.V.
- GEA Bloksma-Fryer
- GEA EGI Contracting/Engineering Co. Ltd.
- GEA Ergé Spirale et Soramat SAS
- GEA Goedhart B.V.
- GEA Goedhart s.r.o.
- GEA Happel Klimatechnik Produktions- u. Servicegesellschaft mbH
- GEA Küba GmbH
- GEA Maschinenkühltechnik GmbH
- GEA NEMA Wärmetauscher GmbH
- GEA Polska Spółka z o.o.
- GEA Searle Ltd.
- Raffel France S.A.S. (ETS)

#### South America:

- GEA do Brasil Intercambiadores Ltda.

#### Asia Pacific:

- EGI Cooling System (China) Co., Ltd.
- EGI Cooling Systems Trading (Beijing) Co
- GEA Industrial Heat Exchanger Systems (China) Co Ltd
- GEA Refrigeration Technology (Suzhou) Co Ltd.



## ACC/Heller

### Management:

- Andras Balogh

### Products:

- Air Cooled Condensers (ALEX, A-Tube, etc.)
- Heller Systems

### Companies:

#### Europe:

- GEA Batignolles Technologies Thermiques S.A.S.
- GEA EGI Contracting/Engineering Co. Ltd.
- GEA Energietechnik GmbH
- GEA Energietechnik Ltd. U.K.
- GEA Ibérica S.A.
- GEA Scambiatori di Calore S.r.l.
- OOO GEA Energietechnik

#### North America:

- GEA Power Cooling de Mexico S. de R.L. de C.V.
- GEA Power Cooling, Inc.

#### Middle East/Africa:

- GEA Aircooled Systems (Pty) Ltd.
- GEA Energietechnik GmbH KSA Branch office

#### Asia Pacific:

- Beijing GEA Energietechnik Co., Ltd.
- EGI Cooling Systems (China) Co. Ltd.
- EGI Cooling Systems Trading (Beijing) Co.
- GEA Power Cooling Technology (China) Ltd.
- GEA Shanxi Thermal Equipment Company Ltd.
- GEA Batignolles Technologies Thermiques (Changshu) Co. Ltd.



## Wet Cooling

### Management:

- Peter R. Manolopoulos

### Products:

- Cooling Towers (with open and closed cooling cycles)
- Cooling Tower components (fills, drift eliminators, sprayers, fan rings, pipe systems)
- Water and Waste Water Treatment systems and components

### Companies:

#### Europe:

- GEA 2H Water Technologies GmbH
- GEA 2H Water Technologies Ltd.
- GEA 2H Water Technologies Sp. z.o.o.
- GEA 2H Water Technologies s.r.l.
- GEA 2H Water Technologies s.r.o.
- GEA EGI Contracting/Engineering Co. Ltd.
- GEA Energietechnik GmbH
- GEA Energietechnik Ltd. U.K.
- GEA Erge Spirale et Soramat S.A.
- GEA Industrial Services Ltd.
- GEA NEMA Wärmetauscher GmbH
- GEA Polacel Cooling Towers B.V.
- OOO GEA Energietechnik
- Raffel S.A.S.

#### North America:

- GEA Polacel Cooling Towers, LLC
- GEA Power Cooling de Mexico S. de R.L. de C.V.
- GEA Power Cooling, Inc.

#### South America:

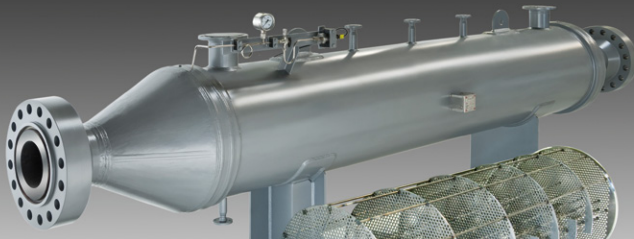
- GEA Sistemas de Resfriamento Ltda.

#### Middle East/Africa:

- GEA Aircooled Systems (Pty) Ltd.
- GEA Energietechnik GmbH KSA Branch office
- GEA Polacel Cooling Towers FZCO

#### Asia Pacific:

- Beijing GEA Energietechnik Co. Ltd.
- GEA Cooling Tower Technologies (India) Pvt. Ltd.



## Shell & Tube

### Management:

- Dr. Michael Scheiwe

### Products:

- All types of shell and tube heat exchangers

### Companies:

#### Europe:

- GEA Bloksma B.V.
- GEA Bloksma-Fryer
- GEA Caldemon, S.A.
- GEA Ibérica S.A.
- GEA Polska Spółka z o.o.
- GEA Renzmann & Grünewald GmbH
- GEA Technika Ciepłna Spółka z o.o.

#### South America:

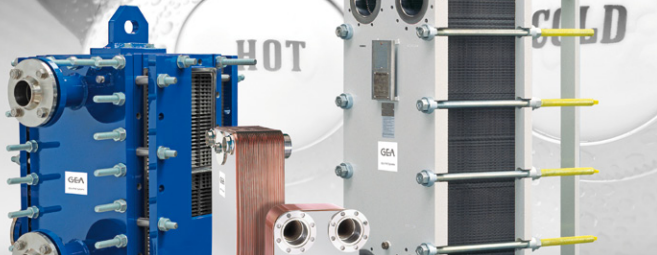
- GEA do Brasil Intercambiadores Ltda.

#### Middle East/Africa:

- GEA Nilenca (Pty) Ltd.
- GEA Aircooled Systems (Pty) Ltd.

#### Asia Pacific:

- GEA Industrial Heat Exchanger Systems (China) Co., Ltd.



## Plate Heat Exchangers

### Management:

- Klaus Peter Glöckner

### Products:

- Plate Heat Exchangers: Gasketed, brazed and fully welded

### Companies:

#### Europe:

- GEA Ecoflex GmbH
- GEA Ecoflex Italia S.r.l.
- GEA Ecoflex Scandinavia Oy
- GEA Ecoflex UK Limited
- GEA EcoServe Belgie BVBA
- GEA EcoServe Deutschland GmbH
- GEA EcoServe Nederland B.V.
- GEA EcoServe Scandinavia AB
- GEA WTT Baltics OÜ
- GEA WTT GmbH
- RSZ Rott Sarstedt Zerspanung GmbH

#### North America:

- GEA PHE Systems North America, Inc.
- GEA ViEX Inc.

#### South America:

- GEA do Brasil Intercambiadores Ltda.

#### Middle East/Africa:

- GEA Ecoflex Middle East FZE
- GEA Nilenca (Pty) Ltd.

#### Asia Pacific:

- GEA Ecoflex (Asia) Sdn. Bhd.
- GEA Ecoflex China (Shanghai)
- GEA Ecoflex India Pvt.
- KOS GEA Korea Ltd.



## HVAC Systems

### Management:

- Jan Siebert, René van Rijsewijk

### Products:

- Energy efficient systems for comfortable air conditioning and treatment in buildings as well as close control for IT applications

### Companies:

#### Europe:

- GEA Air Treatment Marketing Services International GmbH
- GEA Air Treatment Services GmbH
- GEA Deichmann Umwelttechnik GmbH
- GEA Delbag-Luftfilter Vertriebsgesellschaft mbH
- GEA Delbag Lufttechnik GmbH
- GEA Delbag Filtration de l'Air
- GEA Denco Limited
- GEA EXOS Ventilation AB
- GEA Happel Belgium N.V.
- GEA Happel Klimatechnik GmbH
- GEA Happel Klimatechnik Produktions- u. Servicegesellschaft mbH
- GEA Happel Nederland B.V.
- GEA Happel S.A.R.L.
- GEA Happel Service GmbH
- GEA Klimaprodukter AS
- GEA klima rashladna-tehnika d.o.o.
- GEA Klima- und Filtertechnik Wurzen GmbH
- GEA Klimatechnik GmbH & Co KG
- GEA Klimatechnik Produktion GmbH
- GEA Klimatechnika Kft.
- GEA Klimatizace spol. s.r.o.
- GEA Klimatizacia s.r.o.
- GEA Klimatyzacja spolka z o.o.
- GEA LVZ, a.s.
- SC GEA Klimatechnik s.r.l.
- TOV GEA Ukrayina
- UAB GEA Klimatechnik

#### Middle East/Africa:

- GEA Isisan Tesisat Insaat Taahhüt Ticaret ve Sanayi A.S.
- GEA Klima Sanayi ve Ticaret A.S.
- GEA Air Treatment Dubai

The final allocation of the companies to the Business Units has not been finalized and may be changed within the further development of Project Sun.