



# Fraunhofer

IML

FRAUNHOFER-INSTITUT FÜR MATERIALFLUSS UND LOGISTIK IML

## REFEREN7EG

### Enterprise Planning



# AUTOMOTIVE INDUSTRY



**Benteler Automotive, Paderborn**

Warehouse planning and business process optimization



**BMW AG, Munich**

Planning of CKD-supply processes Germany – China



**Ford Werke AG, Cologne**

Process optimization and examination of freight invoices



**Volkswagen AG, Wolfsburg**

Analysis of economic efficiency and detailed planning of a supply process for small charge carriers



**HAPPICH GmbH, Wuppertal**

Consulting for the outsourcing of the entire stock management

# CHEMICAL- AND PHARMACEUTICAL INDUSTRY



**Agfa Gevaert N.V., Mortsel, Belgium**  
European distribution concept and outsourcing analysis



**Goldschmidt AG, Essen**  
Centralized filling of small packaging units for liquids

**Stockhausen GmbH & Co. KG, Krefeld**  
Reorganization and concept development of a logistics location



**Bayer AG, Leverkusen**  
Inventory management



**Grünenthal GmbH, Stolberg**  
Benchmark of the process performance of the European production sites



**A. Schulman GmbH, Kerpen**  
Analysis and optimization of the internal logistics

**A. Schulman Inc., Akron, United States of America**  
Masterplan for the North American facilities



**Schulman Inc., Akron, Ohio (USA),  
ICO Inc., Huston, Texas (USA)**  
Integration of new enterprise

## ELECTRICAL INDUSTRY



**Testo AG, Lenzkirch**

Development of a new concept for the distribution logistics



**Huawei Technologies Co. Ltd.,  
Shenzhen, China**

Planning and realization of the warehousing of raw materials



**Hewlett-Packard GmbH, Böblingen**

Internal logistics benchmarking and development of a  
4PL-concept



**Bosch Power Tools, Leinfelden-Echterdingen**

Analysis of profitability of an outsourcing project

**Bosch Power Tools, Leinfelden-Echterdingen**

Selection of a logistics service provider for the Chinese market

**Bosch Buderus Thermotechnik, Spreitenbach, Switzerland**

Feasibility study and extension planning



**TKD KABEL GmbH, Nettetal**

Improvement of a supply and a delivery assurance (security)

# POWER SUPPLY INDUSTRY



**Dortmunder Energie- und Wasserversorgung GmbH (DEW),  
Dortmund**

Central warehouse planning



**Stadtwerke Düsseldorf AG, Düsseldorf**

Centralization of the inventory administration



**Emscher Lippe Energie GmbH (ELE), Gelsenkirchen**



**Energieversorgung Oberhausen AG (EVO), Oberhausen**

Cooperation management in the field of materials administration



**RWE Power AG, Essen**

Reorganization of warehouse processes

## FINANCIAL SERVICES



**ING Car Lease Deutschland GmbH, Norderstedt**  
Tendering of logistics services



**Westdeutsche Landesbank (West LB), Düsseldorf**  
Concept, development and realization of a logistics workshop

## TRADE



### Metro MGL Logistik GmbH, Düsseldorf

Development of a performance measurement system for supplier assessment in the procurement logistics



### NTPlus AG, Osnabrück

Planning and realization of a distribution center



### Tschibo Logistik GmbH, Bremen

Development of a master plan for the reorganization and optimization of the supply chain



### Penny-Markt GmbH, Cologne

Planning of returned goods handling



### Delticom AG, Hanover

Process analysis and creation of a to-be concept



### ProReServ Professional Retail Service GmbH, Neu-Isenburg

Optimization of Returns Management



### Autosdistribution Losch S.à.r.l., Houwald, Luxemburg

Adjustment of Inventory Management and Material Planning



### Biogarten Handels GmbH, Hilden

Holistic replanning of goods receipt, disposition and warehouse

# FOOD INDUSTRY



## **Herta GmbH, Herten**

Process optimization from incoming goods up to the production



## **Uniferm GmbH & Co., Werne**

Optimization of the process chain in the distribution



## **Steinhaus GmbH, Remscheid**

Planning of material flows and production layout



## **Philip Morris GmbH, München**

Outsourcing consulting



## LOGISTICS SERVICE PROVIDER



Schüchen intl. Spedition Transport Logistik GmbH & Co. KG, Raunheim

Outsourcing analysis



Van Eupen Logistik GmbH & Co. KG, Essen

Strategic positioning of the contract logistics



HUETTEMANN Logistik GmbH

Process cost calculation and process optimization with LogiChain



FIEGE Stiftung & Co. KG, Greven

Optimization of a pallet management



Europees Massagoed-Overslagbedrijf (EMO) BV, Maasvlakte (NL)

Capacity needs assessment for a bulk warehouse

# AEROSPACE INDUSTRY



**Eurocopter Deutschland GmbH, Donauwörth**  
Analysis and outsourcing of logistic processes



**Airbus Deutschland GmbH, Varel**  
Outsourcing of processes to the "Aeropark"

# MECHANICAL- AND PLANT ENGINEERING



Heidelberger Druckmaschinen AG, Wiesloch  
Development of a flexibility management

Heidelberger Druckmaschinen AG, Wiesloch  
Development of a supply chain management concept



Deutz AG, Service Logistics, Köln  
Optimization of inventory levels



KettenWulf Betriebs GmbH, Eslohe-Kückelheim  
Profitability analysis and warehouse expansion



ARCA-Regler GmbH, Tönisvorst  
Reorganization of purchasing and procurement processes



LEWA GmbH, Leonberg  
Reorganization of an order processing and introduction of an APS-system



Alulux Beckhoff GmbH & Co. KG, Verl  
Reorganization of the assembly processes



Kampmann GmbH, Lingen  
Optimization of the dispatch logistics

## MEDICAL ENGINEERING



**Kaltenbach & Voigt GmbH & Co., Biberach/Riss**

Reorganization of the distribution structure for Western Europe and North America



**Atmos MedizinTechnik GmbH & Co. KG, Lenzkirch**

New concept of the factory layout



**A Phoenix Mecano Company**

**DEWERT Antriebs- und Systemtechnik GmbH, Kirchlengern**

Analysis and Optimization of the supply chain

# STEEL INDUSTRY



**Hüttenwerke Krupp Mannesmann GmbH (HKM), Duisburg**  
Manifest for software support of the dispatch of steel slabs



**ThyssenKrupp Steel AG**  
Development of a SCM strategy

**Thyssen Krupp Stahl AG, Duisburg**  
Optimization of the supply chain

**ThyssenKrupp VDM GmbH, Werdohl**  
Analysis across locations and Optimization of lead time and stocks



**Salzgitter AG, Salzgitter**  
Spare parts managements

# MANUFACTURING INDUSTRY



Schüco International KG, Weißenfels

Concept for the centralization of the plastic profile section



Aluminiumwerk Unna AG, Unna

Planning of the reorganization

Aluminiumwerk Unna AG, Unna

Conception of a master plan



Diagramm Halbach GmbH & Co. KG, Schwerte

Planning of the material flow control



Finstral AG, Unterinn/Ritten

Planning and realization of an automatic honeycomb storage



Dolezych GmbH & Co. KG, Dortmund

Enlargement design and transport concept



KM Europa Metal AG, Osnabrück

Analysis of the outsourcing of the dispatch processes



PÜHL STANZTECHNIK

Adolf Pühl GmbH & Co. KG, Plettenberg

Analysis of potentials and development of master plan

## OTHER INDUSTRIES



**Max-Planck-Institut für molekulare Physiologie, Dortmund**  
Reorganization of the material emission



**Digital Logistics Harbor, Haidan, China**  
Planning and realization of a logistics competence center



**RAG Aktiengesellschaft, Herne**  
Analysis of the entire supply chain

**RAG Aktiengesellschaft, Herne**  
Development of »Quick wins«

**RAG Aktiengesellschaft, Herne**  
Holistic management of master data and market basket

**RAG Aktiengesellschaft, Herne**  
Implementation of a new warehousing strategy

**RAG Aktiengesellschaft, Herne**  
A new design of the entire material management processes

**Deutsche Steinkohle AG, Herne**  
Holistic transport planning and control



**Klinikum Dortmund GmbH**  
Holistic optimization of the entire logistics system



**ista Shared Service GmbH, Gladbeck**  
Logistics benchmarking



**URENCO Deutschland GmbH, Gronau**  
Potential analysis for the centralization of logistics function



**URENCO LTD., Marlow, Great Briatain**  
Company-wide bottleneck study