



geba group

in detail



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There are certain things that withstand the test of time, even after more than three decades. In the case of the geba group those qualities are innovation and entrepreneurial vision.

Our family-run company develops and produces highest grade compounds and recompounds.

Specialising in tailored solutions to meet the customer's requirements, the geba group has established itself as one of Europe's leading full-service compounders. At three sites in Germany, Spain

and Austria, a team of 160 dedicated employees work to ensure sustainable success.

We will develop your ideal material!

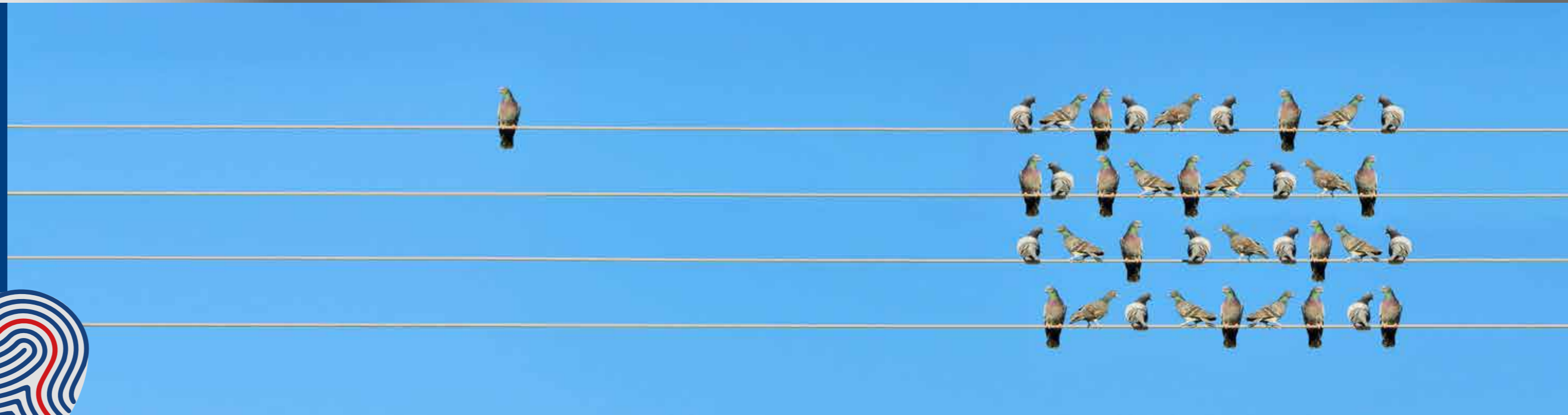
Please feel free to talk to us!

Sven Gnegeler, Managing Shareholder



## Anything but standard!

Tailored to your needs



Would you like to improve an existing product? Do you want to increase the efficiency of your production? Have you envisaged an ideal material or are you fighting for an attractive order?

No problem!

Together we will create a **unique material** with defined properties **for your particular application** by adding selected organic or inorganic pigments, fillers and additives, and regardless of whether **small quantities or truckloads** are required.

As well as prime material we offer commercially interesting solutions for the recompounding of your production waste.



# An unmistakable profile



Our range of materials encompasses **engineering thermoplastics** and **modified high performance plastics**.

The fillers, enhancers, pigments, functional additives and processing aids we utilise provide us with **unlimited possibilities** and lend each grade we produce an unmistakable profile.

**Master and functional batches** for engineering plastics as well as an assortment of special compounds and materials round off our portfolio: electrically conductive compounds, thermally conductive compounds, tailored thermoplastic polyurethane, luminescent compounds, elastomers and polyurethanes for powder slush applications even **microgranulate** which fulfils specific requirements for rotation moulding and knife coating.

## Recomponds -

Something good from something good



The use of high-grade recycled material is not just permitted in the production of virtually all parts, it's actually demanded by OEMs and consumers alike, particularly in the automotive sector. geba has long been involved with the utilisation of source sorted, post industrial waste.

Our recomponds fulfil the same **high quality requirements** demanded of prime materials, but are significantly **more cost effective**. With the help of secure and **long-term material sources** geba

offers quality-assured processes, extensive expertise and the appropriate certification. Our materials are produced in accordance with the current waste management legislation as well as the chemical guidelines of REACH etc.



**A collective goal -**  
We will accompany you through all stages of your project



We offer a complete portfolio of engineering compounds and a comprehensive array of services beginning with an initial development consultation and covering advice, processing and compounding through to laboratory analysis and just-in-time logistics.

Furthermore our toll compounding services enable our customers, and large-scale industrial partners in particular, a saving on capacities, costs and time.

**We will accompany you through all stages of your project.**

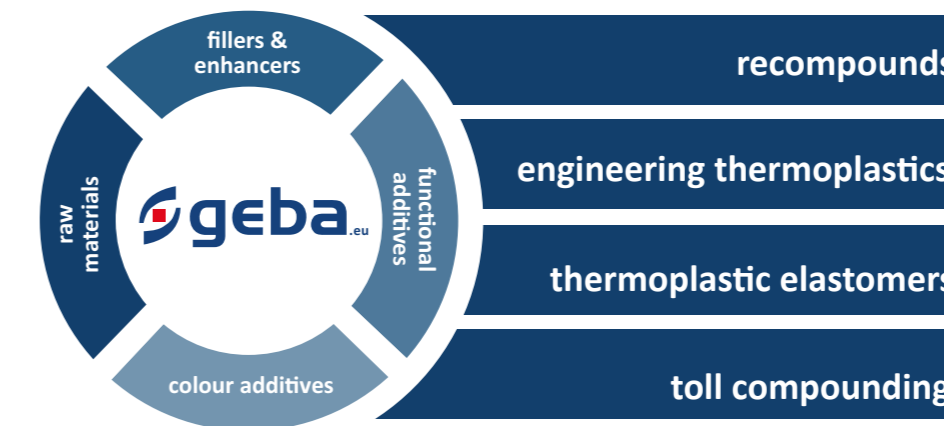
## Four areas of excellence -

The core strengths of the geba-group



We turn raw polymers into tailored plastic compounds, selecting the right material for each individual application.

By adding selected organic or inorganic pigments, fillers and additives we will create a unique material with defined properties for your particular application.





## Gebamic® Micro Pellets -

Sometimes smaller is better

Individually produced to the customer's specifications with a particle size from  $\leq 400 \mu\text{m}$  to  $1.000 \mu\text{m}$ .

Advantages:

- excellent flow qualities
- uniform particle size
- dust-free processing
- significant savings

Fields of application:

- knife coating
- roto moulding
- powder slush
- micro injection moulding
- masterbatches

Product examples:

- conveyor belts
- textile coatings
- slush skins for vehicle instrument panels
- micro gear wheels
- micro sensors
- colour and additive batches

# Step by Step - The production process in detail

Our team will develop the **best possible recipe for your material**, and help you to determine the **most suitable parameters** for the production process.

Together we will evaluate the entire product life cycle in order to devise a **technical, commercial and ecological concept** for the re-utilisation of your production waste.





## OEM approvals -

No problem!

Above all for the **automotive and heavy-duty sectors**, where manufacturer-approved special materials are required, geba offers individual state-of-the-art solutions for renowned OEMs and their suppliers:

## Consistent quality - is guaranteed



Each and every formulation is continuously monitored and documented in geba's onsite laboratory. We retain granulate samples and colour plaques from each batch produced in order to ensure that the quality and colour of your material can be accurately **reproduced in the future.**

All production steps are overseen by a continuous and thorough **quality management programme in accordance with ISO 9001:2015.**

An effective **environmental management** programme for the protection of resources and sustainability, as well as an **energy management** programme for the efficient use of resources are also high on our agenda. These are implemented and continuously optimised in accordance with **ISO 14001 & 50001.**

Detailed product, production and quality data are recorded in a final inspection report, and are supplied as per the customer's requirements in accordance with **EN 10204-3.1.**



## Testing and laboratory services -

We don't leave anything to chance



### Tests include

- melt flow index
- CHARPY impact strength and notched impact strength
- vicat softening point
- ball indentation hardness
- tensile strength
- elongation at break
- tensile modulus
- shore hardness
- capillary viscometry
- rheological measurements
- flow properties
- density
- bulk density
- moisture absorption
- filler content
- ash content
- glow wire test
- flammability acc. to UL 94
- heat distortion temperature
- electrical surface resistivity
- electrical volume resistivity
- colouring acc. to CIE L\*a\*b\* colour system

Each of our three sites in Germany, Austria and Spain has a dedicated research and development department, including a laboratory and technical center.

We perform a wide variety of tests to ensure that your material meets the respective legal provisions.

# geba group -

The group in facts and figures

The geba group consists of **four independent subsidiaries** which perfectly compliment each other.

The services included in our product range are provided throughout the complete group, thus ensuring the highest possible quality.



**19**  
extrusion lines

**160**  
employees

**1,500**  
colourings  
per year

**100%**  
independent family-owned  
business

**20,000 tons**  
per year  
production capacity

export to  
**32 countries**

**30m €**  
turnover

**3 decades**  
of experience

**81,000 m<sup>2</sup> real estate**  
& **27,000 m<sup>2</sup> buildings**  
premises



## Our core values - More than just a corporate philosophy

We feel a responsibility towards our customers, staff, suppliers, the company and our environment.

The values set out in our mission statement are applied throughout the company, each and every day.

## The core sectors -

As individual and diverse as our compounds

Engineering plastics have long been considered indispensable in many industries.

The **automotive sector**, for example, demands the highest possible standards when it comes to safety, reliability and design. These days, with such a wide array of interior and exterior applications, the possibilities are endless.

**Electric and electronic** parts often need to be low-wearing and, where necessary, conductive.

Food compliant materials with outstanding surface properties are used in the manufacture of **household appliances**, while the safety aspect plays a crucial role when engineering plastics are used to produce **medical goods**.

Consistently good characteristics, regardless of external influences, are crucial for **sporting goods and protective equipment**.



automotive



sport & protection



medical



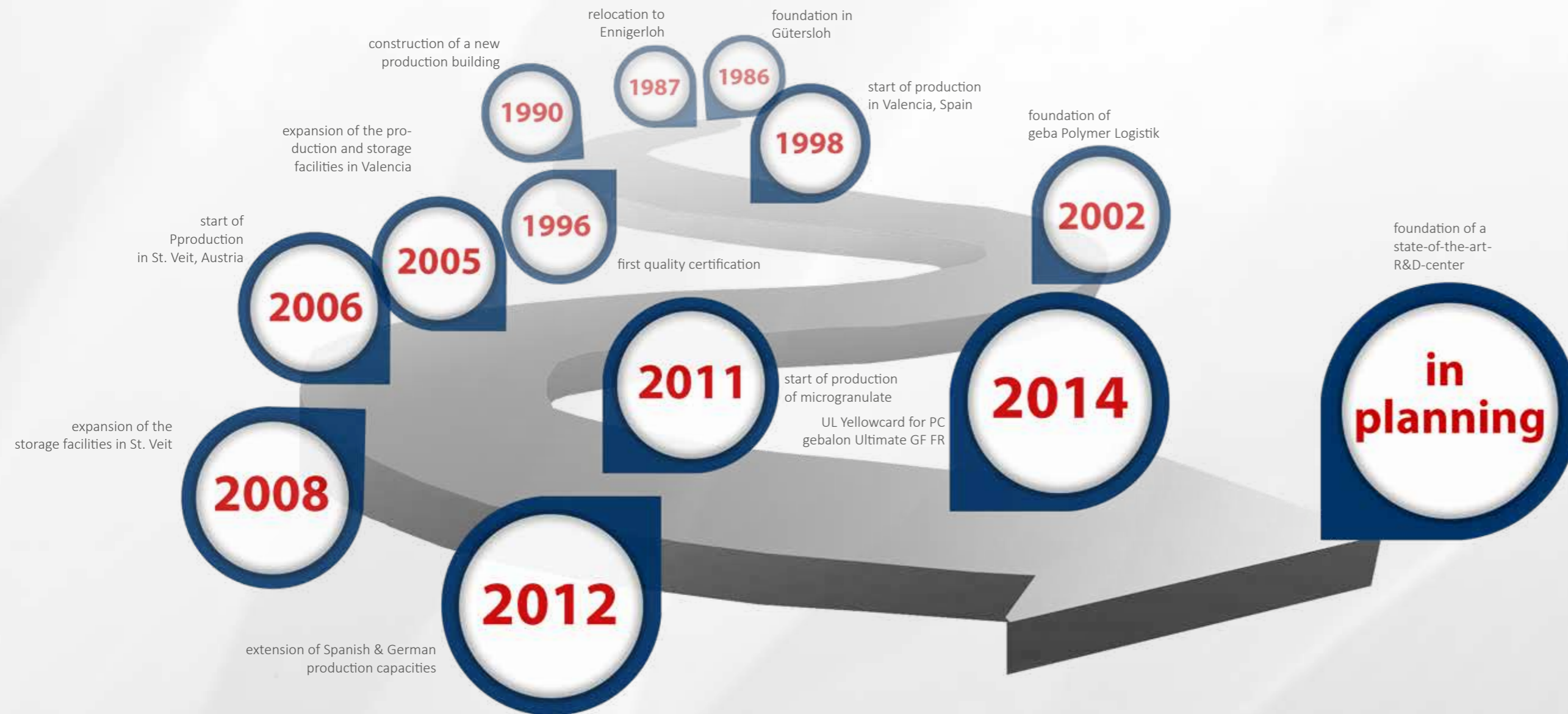
electrical & electronic



household goods



chemical sector



## A family business -

The chronology

Our journey began in Gütersloh in 1986, originally as a recycling company. As of today the geba group is still inextricably linked with the Gnegeler family.

# Behind the scenes -

The production

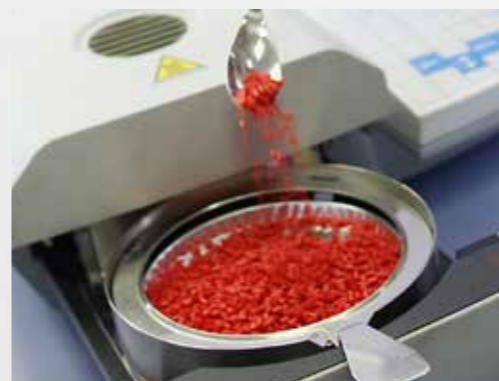


Our wide range of machinery includes state-of-the-art extruders which enable us to cover all of the relevant manufacturing processes across the three European production sites.





## Behind the scenes - The laboratory



Each and every formulation is continuously monitored and documented in geba's onsite laboratory.

We retain granulate samples and colour plaques from each batch produced in order to ensure that the quality and colour of your material can be accurately reproduced in the future.

## Behind the scenes -

The coloristic department



In the coloristic department the colours of the engineering plastics are developed and formulated.

Materials are analysed and tested with regard to their chemical and physical properties and samples are prepared prior to production.





## Polymer Logistics -

Storage and delivery upon request

Our logistics division, Polymer Logistik, has a fleet of vehicles at its disposal meaning that **a quick and efficient delivery is assured.**

Where required we can deliver **just in time** - even within 24 hours - regardless of whether you need 25kg or a full truckload.

With a warehouse area of 6,000 m<sup>2</sup> the **geba Polymer Logistik can store your complete yearly requirement** for a very reasonable rate – this also applies to materials which are not sourced from geba.

The current stock levels can be accessed with the help of an interface to your warehouse management system, and the required quantities can be called off at any time.

#### Benefits:

- our own fleet of vehicles
- heated storage spaces
- finished goods warehouse
- incoming and outgoing
- controlling/packaging
- commissioning
- raw materials supply
- order picking
- order management
- returns
- shipping
- flexibility & direct routes
- gated premises for safe storage

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