



Logistics in the Cold.

# Straightforward.

*Focus paves the path.*

When asked what makes our job as leading frozen food logistics provider so special, we have a simple answer: We uphold values by living them.

One such value entrusted upon us by our customer is, of course, goods. We pool our technical know-how and expertise in the handling of various types of good in order to increase or retain the value.

And other values?

The MUK Group has kept pace with dynamic market demands, taken advantage of trends and upgraded its technical support.

However, only one thing remains unchanged. Each and every employee, regardless of rank or station, to the last kilometer driven, lives and breathes our company values. This tailwind is needed backing to pave a direct path to a clear win on all fronts. Our customers, partners, end-users and service team all profit from it.



# Perseverance.

*Launched into the future by a grand tradition.*



There is technology that makes our daily lives more convenient and cozy. And there are innovations one cannot imagine living without.

In the year 1890, at the height of the Industrial Revolution, combined ideas of two technical icons merged, giving birth to a concept with extensive consequences. The offspring - die Gesellschaft für Markt und Kühlhallen AG (MUK) – credits Carl von Linde and Rudolf Diesel among its founding fathers.

MUK, then a pioneer in cooling technology, foresaw an inevitable increase in demand for fresh food by the growing population and asserted that the upsurge could be met and sustained. Current core business constituted production of crushed ice and leasing chilled storage space. Staple foods such as butter, meats, eggs and other perishables remained fresh longer at controlled temperatures. As anticipated, demands for chilled goods gradually increased and MUK was called upon to expand.

Frozen food logistics has acquired such significance since then and shows little signs of changing. As market leader in storage and distribution of frozen food and ice cream, we proudly lean on this 120-year-old heritage, knowing full well, that continuity in the innovative spirit we have inherited, must remain as fresh as the products entrusted to us.



**Documentation of a 120-year-old success story: the minutes of the first meeting of The Gesellschaft für Markt und Kühlhallen AG, 1890.**





# Coordination.

*Synchronized processes facilitate fluent movement.*

In sector frozen food, supply chain competences - procurement, storage, distribution - call for stringent parameters. Seamless communication and close collaboration between interfaces, therefore, is a must.

A company with a flat hierarchy that is logistically structured through and through, not only reflects its work ethic, but passes on the benefits to the customer in turn.



Based in Munich, MUK Beteiligung Ltd, over 1000 strong, functions as a holding for MUK Logistik GmbH, TRANSTHERMOS GmbH, TILO Service GmbH and Tiefkühl-Lager-Betriebs GmbH.

Doblinger Beteiligung GmbH (Munich) claims sole ownership of MUK Beteiligung Ltd shares. MUK cold storage warehouses are property of sister company - Bayerische Gewerbebau AG.







# Strengths.

## *One Stop Shop.*

MUK Beteiligung Ltd contract logistics offers an A to Z fullservice package within the frozen food supply chain: from raw materials to storage, handling to distribution of the finished product.

We offer a wide range of specialized services, in addition to: shock frosting, commissioning, confectioning or GPS monitoring in transit. Storage and in-transit temperatures can be adjusted to a low of  $-35^{\circ}$  ( $-40^{\circ}$  for temperature-sensitive pharmaceuticals).

As a result of top of the line technical support, we can guarantee high-end quality - blanket coverage every step of the way to delivery. Elaborate and well-thought out docking stations prevent contact with warmth when loading and unloading. An extensive warehouse data management system enables us to maintain transparency. Warehouse capacity can be optimized without overstocking. Instant overview of statistics shortens reaction time in crises and recalls.



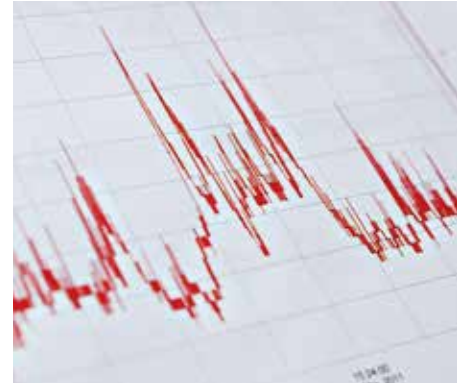
QUALITY ASSURANCE  
BBF TRACKING  
BATCH CONTROL  
TEMPERATURE CERTIFICATE  
TRACEABILITY  
WEIGHING  
SAMPLING  
INTERNATIONAL TRANSPORT  
SORTING  
LABELING  
FROSTING  
SPACING  
THAWING  
MEAT PORTIONING  
COMMISSIONING  
PACKAGING SCHEMES  
REPACKAGING  
ASSEMBLING  
CONFECTIONING  
BONDED WAREHOUSES  
BORDER CONTROL PROCESSES  
(ANIMAL TRANSPORT AND  
CROSSBORDER PROCESSING).  
IMPORT/EXPORT PROCESSING





# Accountability.

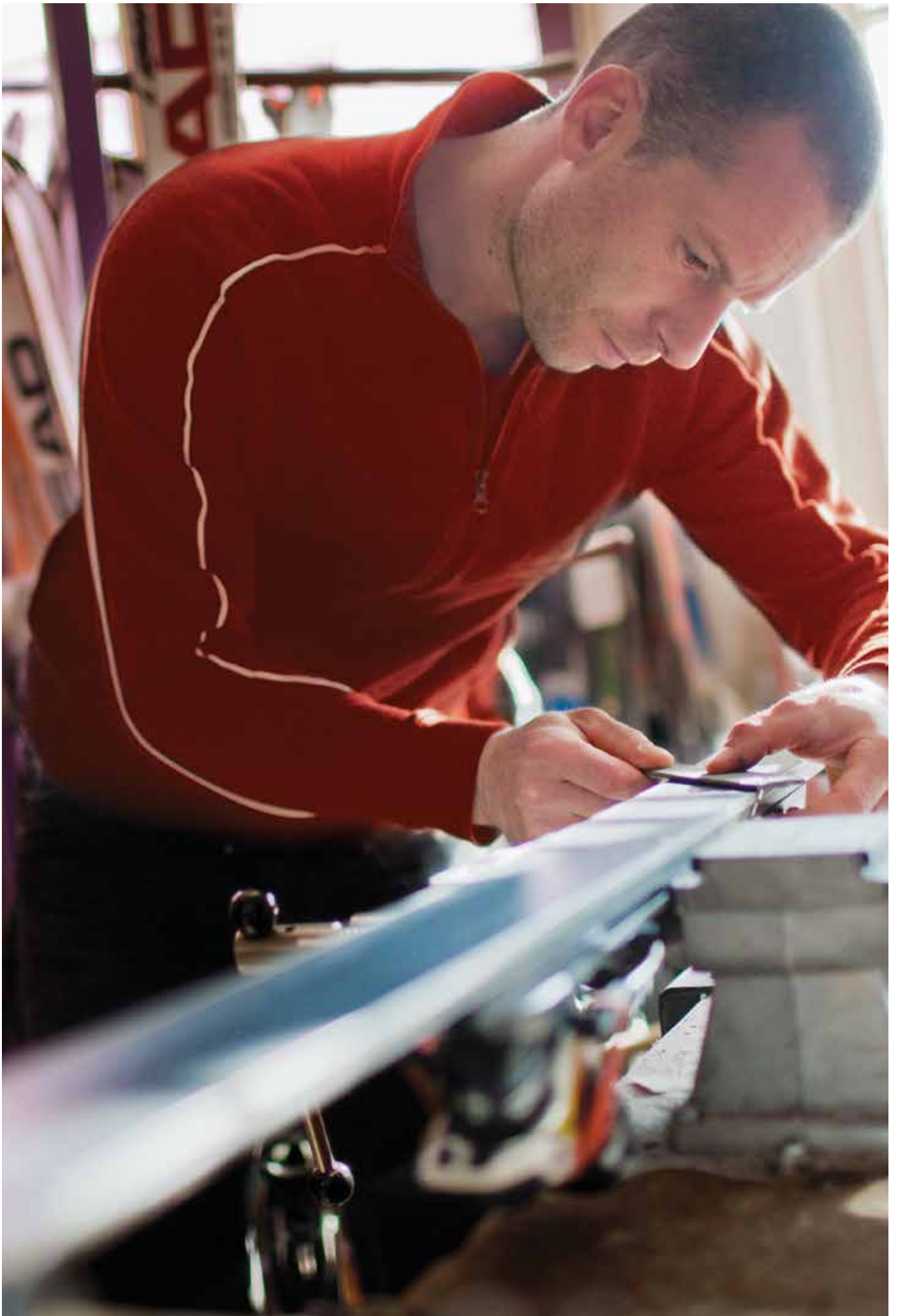
*Checks and Balances:  
quality guaranteed.*



We have an extremely high sense of duty as a transnational frozen food service provider. And this, manifold. How thoroughly and conscientiously we handle the goods our customers entrust us is documented in our ISO-, IFS- and BIO certifications. Each and every product with its handling specifications is tended to meticulously, whether dairy, meat, poultry or fish. Organic products receive special handling. Regular sampling, documentation and quality spot checks guarantee compliance with MUK standards.

Equally important is eco-efficiency. Where possible, our MUK storehouses function on reduced energy, our fleet is equipped with above average environmentally friendly emission technology and dispatching practices are optimized to avoid needless waste.

We know our customers expect excellence and we deliver: a 100% harmonious and measured workflow with uncompromised adherence to the chain supply process. We maintain that we can still deliver ecological excellence despite time constraint. We owe it to company tradition; accountability is a company virtue.



# Cohesion.

*Top performance is a joint venture.*

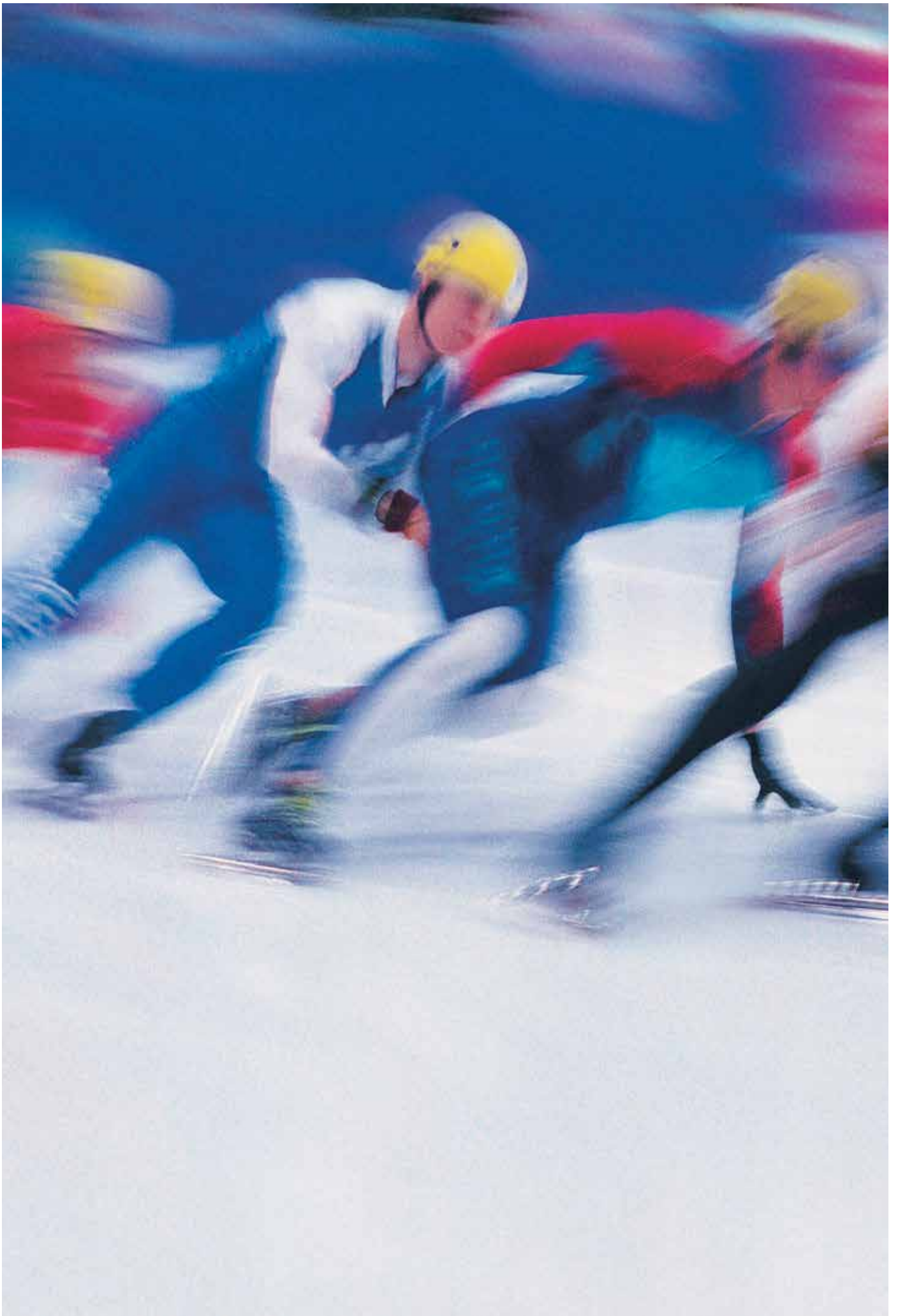


The MUK team is really something special. While some people work in the comfort of air-conditioned offices, some in heated offices in winter, working in extreme conditions is no stranger to our 1000 strong MUK crew. Frozen food logistics at below zero - arctic temperatures – does indeed require the human touch. Whether packaging, labeling, processing customs clearance or sitting behind the wheel – the unusual environment alone emotionally binds each staff member to the task.

In our warehouses, responsibility on the job - sampling or commissioning, packaging and preparation for shipping or simply receiving new consignments – shows competence and readiness to tackle the task, attributes that made our company what it is today.

Certification and training complete individual strengths. We cultivate such a customer-oriented way of thinking across the value-added chain to the extent that we feel a part of the whole.





# Enterprise.

*There is no rest at the crest.*

Expanding MUK's core competences means taking the pathway that has brought the company success: to find innovative answers to new and growing consumer demands. Of course, we make use of the best today's technology can offer: wireless-LAN scanner for paperless data entry and coordination of the flow of goods. A top of the line MPLS-net and high-performance computers connect our branch offices and enable us to converge the data in Munich.

Security and immediate availability are two key factors that are the end product of significant investment and in-house technical mastery. We are always on the road for our customers and will be remembered in the future as a dynamic enterprise that thrives on re-inventing itself.



What has been done for frozen food logistics since the founding of the company is a technical revolution. You can take our word for it, we are unconventional, forward-thinking and passionate about systematic development in your interest, as both a focus and challenge.



# Vision.

## *Demand determines scope.*

MUK Beteiligung Ltd operates within a unique nationwide logistic network. It presides over 26 sites, encompassing and connecting significant traffic nodes, thereby enabling delivery coverage to all areas.

From our Munich headquarters we coordinate cross-border services in the following regions: Benelux, Scandinavia, Great Britain, Southern Europe, the Balkans and Eastern Europe.

Our 8 European Gateways are administered via comprehensive operative coordination.

Your trust is our motivation. We will be pleased to have you put your trust in us.





- TRANSTHERMOS Network
- Regional Warehouse Locations
- Co-operation partners



# Sustainability.

*Into the future with a clear conscience.*

Our actions are not only prompted by efficiency and innovative spirit. We also focus on sustainability and possess a sense of duty towards our environment. It goes without saying, we do our utmost to reflect these in the planning, coordination and execution of the delivery processes.

We utilize renewable energy to power our storehouses and in so doing, reduce needless environmental degradation. As a result of the energy and cost optimization within the warehouses, of course, with help of modern surveillance and monitoring, we have reduced energy consumption to below average.

This is being supported by well-constructed insulation coupled with passageways within the cold storage complex.

The proper sorting and disposal of waste at all MUK Group branch offices are compliant with company standards.





**TRANSTHERMOS** 

**TRANSTHERMOS GmbH**

Lilienthalallee 25

D-80939 München

Tel.: +49 89 32360-719

Fax: +49 89 32360-802

E-Mail: [transthermos.zentrale@muk-ag.de](mailto:transthermos.zentrale@muk-ag.de)

[www.transthermos.de](http://www.transthermos.de)