



PharmLog

A cooperation between pharmaceutical manufacturers for the distribution of pharmaceutical products

Fast, safe, best quality!

High-quality distribution of pharmaceuticals – flexible, cost-effective logistics services for the pharmaceutical industry.

This is PharmLog!

- Over 25 years of experience
- Kooperation company of 6 pharmaceutical companies
- Responsible for warehousing, order picking and dispatch of pharmaceuticals with worldwide goods inflow
- Multi-User-System
- 2 locations in Bönen (at the eastern edge of the Ruhr area)

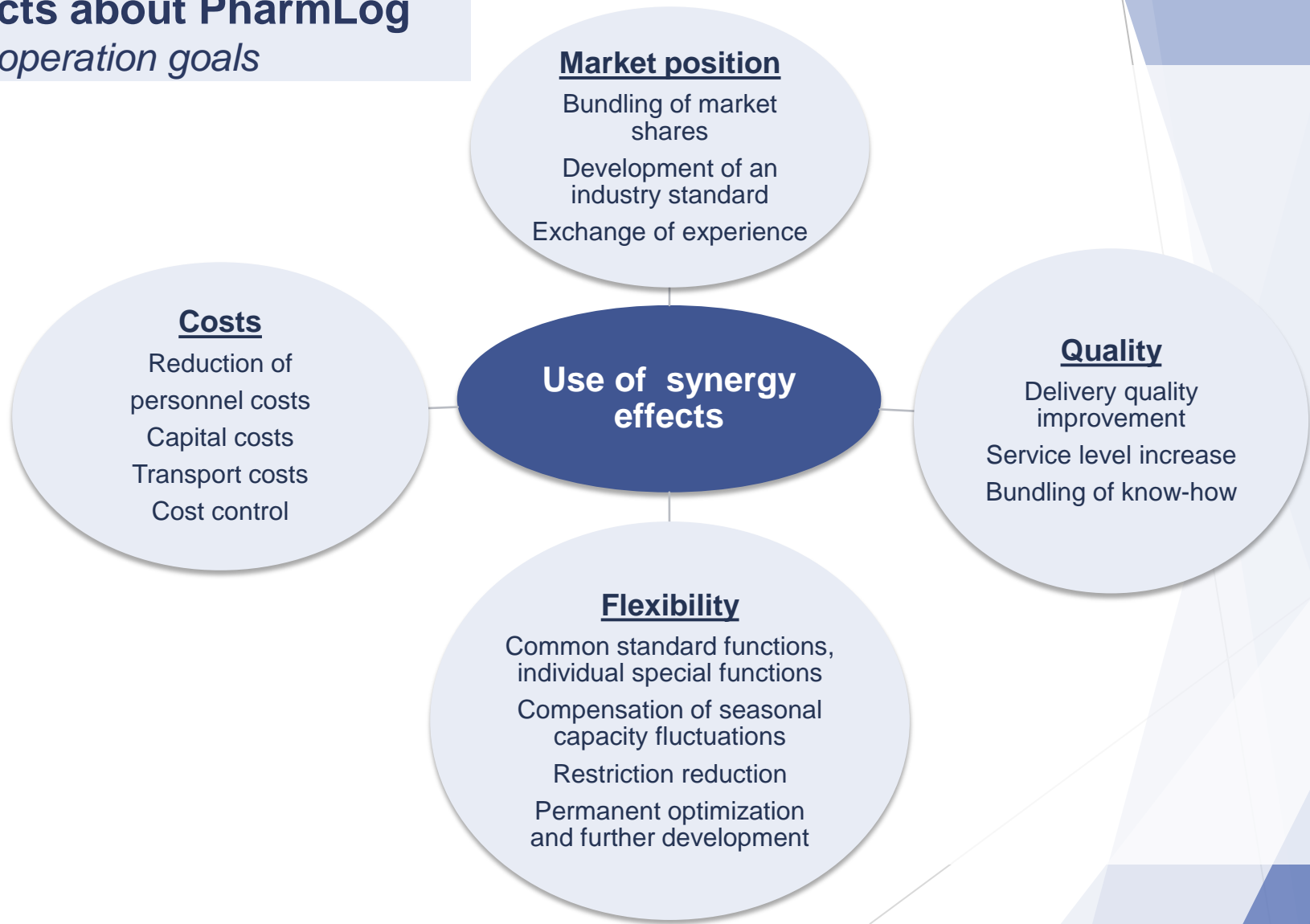
Facts about PharmLog

Structure of cooperation partners

Shareholder	
Bayer Vital	Meda
Boehringer Ingelheim	Merck
GlaxoSmithKline	Novartis
User	
ALK Abelló GmbH	Dechra Veterinary Products Deutschland GmbH
Apogepha Arzneimittel GmbH	Elanco Deutschland GmbH
Ascensia Diabetes Care Deutschland GmbH	Ferring Arzneimittel GmbH
Bayer Pharma AG	GSK Consumer Healthcare GmbH & Co.KG
Bayer Vital GmbH	InfectoPharm Arzneimittel und Consilium GmbH
Bionorica SE	Jenapharm GmbH & Co.KG
Boehringer Ingelheim Pharma GmbH & Co.KG	Meda Pharma GmbH & Co.KG
Boehringer Ingelheim Vetmedica GmbH	Merck Healthcare Germany GmbH
SCS Boehringer Ingelheim Comm. V.	Merck nv / sa Belgium
Boehringer Ingelheim Animal Health Belgium SA	Merck B.V. Netherlands
Boehringer Ingelheim B.V.	Novartis Pharma AG
Boehringer Ingelheim Animal Health Netherlands B.V.	Novartis Pharma GmbH
Boehringer Ingelheim Limited UK	Novo Nordisk Pharma GmbH
Boehringer Ingelheim Animal Health Limited UK	Sanofi-Aventis Deutschland GmbH
Chiesi GmbH	Spectrum Therapeutics GmbH
	Viatrix Healthcare GmbH

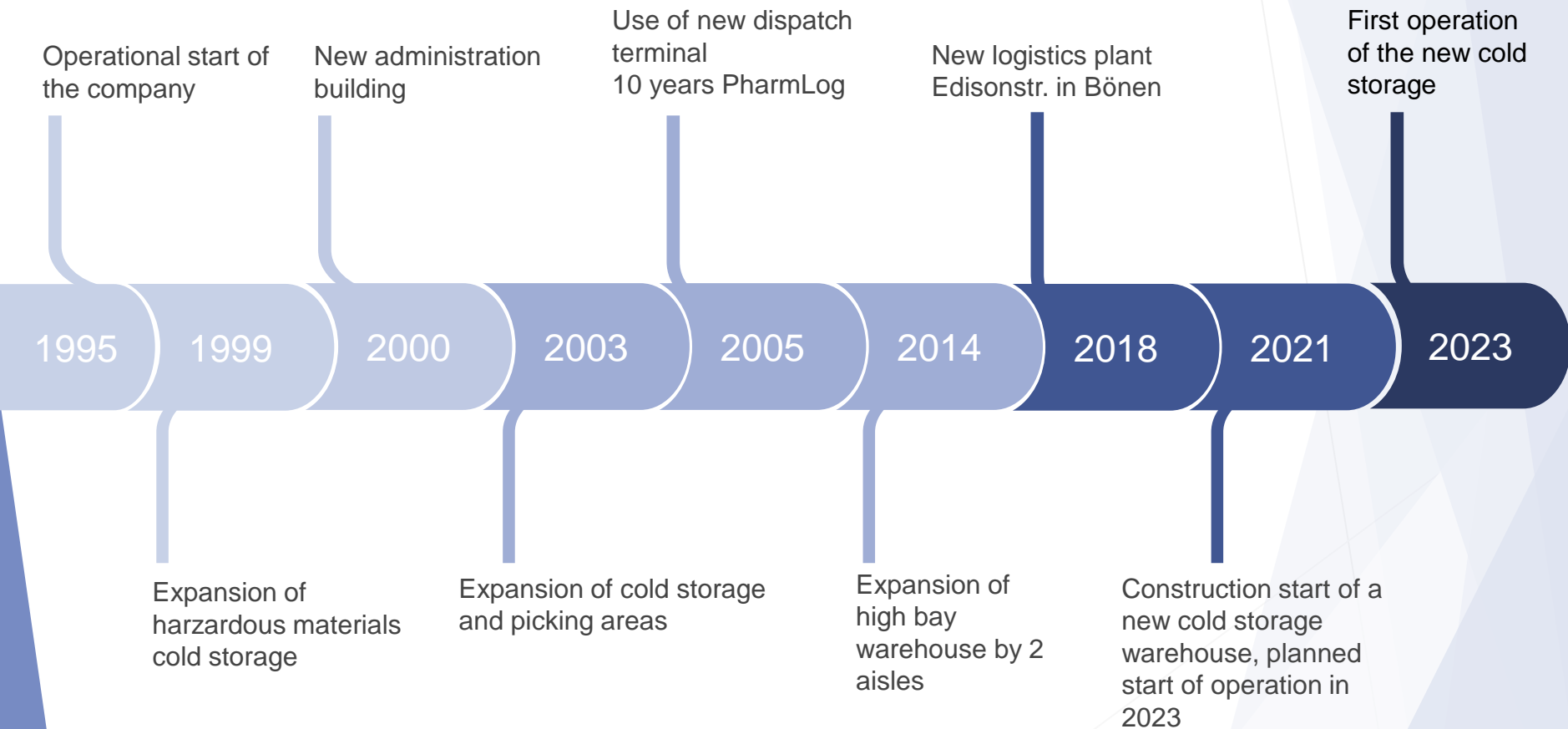
Facts about PharmLog

Cooperation goals



Facts about PharmLog

Milestones



Facts about PharmLog

Cooperation concept in Germany (BeNeLux)



18.461 Pharmacies



1.903 Clinics



5.000 Others



11.878
Veterinarians

PHAGRO

9 Wholesalers, 94 Addresses



Goods delivery



PharmLog



Order



Invoice



Cooperation partners



Facts about PharmLog

Product portfolio of PharmLog as regional supply partner



Medicaments



Clinical trial articles



Medical devices



Food supplements



Cosmetics



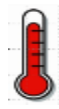
Advertising material



Human



Veterinarian



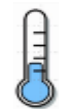
+8 to +25 °C

Ambient products



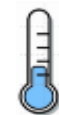
+2 to +8 °C

Chilled products



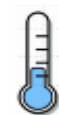
< -18 °C

Frozen products



-60 to
-80 °C

Deep-frozen products



- 196°C

Storage in nitrogen



Dangerous goods



Narcotics



Radioactive products

Facts about PharmLog

Key figures and market position

PharmLog in figures (2022)

Turnover	54.8 Mio. €
Employees	390
FTE	310
Pallets Goods Receipt	183,367
Orders	2.15 Mio.
Orderlines	7.91 Mio.
Single units	
▪ Pharmaceuticals	283 Mio.
▪ Other	33 Mio.
Colli	5.19 Mio.
Complaints per orderline	0.018 %

Functions & Tasks

- **Warehouse for trade goods**
 - Autom. high bay warehouse for ambient products
 - 4 separate cold stores for chilled products
 - Frozen products
 - Deep-frozen products
 - Storage in nitrogen
 - Radioactive products
- **Manufacturing / Rework**
- Storage area with administration and social building
- Office and social areas



Capacities

Trade goods

- 44,000 pallet spaces ambient (15° to 25° C)
- 2,800 pallet spaces (2° to 8°C)
- 16 pallet spaces (< -18°C)
- 4 freezers (- 60°C to -80°C)
- 80 pallet spaces (-190°C to -196°C)
- 108 pallet spaces (radioactive)
- Storage / handling area 21,000 m²

Manufacturing / Rework

- 180 pallet spaces
- Handling and repackaging area 360 m² + 150 m²



Functions & Tasks

- **Storage for advertising material**
- **Storage for trade goods**
 - Ambient products
 - Separate cold storage
- **Narcotics cube**
- **Claims management**
- Storage area with administration and social building
- Office and social areas



Capacities

Advertising material and trade goods

- 28,000 pallet spaces (ambient)
- 1,050 pallet spaces (2° to 8°C)
- Storage / Handling area 17.857 m²

Narcotics cube

- 1,080 pallet spaces (ambient)
- Storage / Handling area 100 m²

Claims management

- Storage / Office area 100 m²



Special Processes and Value Added Services

Extract

Storage of
quarantine products

Batch control

Clinical studies

Advertising
materials

Order cut-off time
5.30 pm

Next day delivery

Emergency orders
24 h / day

Export

Returns
Recalls
Claims
Management

Pick up service for
returns

Claims reports

Disposal
with certified
disposal company

Special Processes and Value Added Services

Extract

Manufacturing

Full Inspections

Assembly of sales
aids and displays

Qualified Person

Activity-based
costing

Reporting / KPI's
standardized and individual
reports

SSAE18 type 2
Report
e.g. for inventory controls
of all clients

Transport
Accounting

Quality
Management

Sustainability
Management




BCM / Contingency
Management

Information
Security
Management

Manufacturing

Repackaging and reprocessing of primarily packed human and veterinary pharmaceuticals (secondary packaging) and preparation of associated manufacturing documentation



- **Printing of folding boxes and labels** in a very wide range of formats and diverse designs in the filled and flat state using laser printing, thermal transfer printing and inkjet printing technology
- **Original sealing** (TEP) by using hot glue and labeling for all folding box formats and folding box shapes 
- Processing of **clinical trial studies** (blind, double-blind, IWMS) 
- Change of **directions for use**
- Banding for the production of **bundling** 
- **Full inspections** on various criteria such as weight, readability and content of DMC etc. incl. complete documentation on paper and electronical data
- **FMD printing** with batch, MHD; PZN, GTIN (NTIN, PC), NHRN (5th element)
- **GS1 compliant** printing of von DMC
- **Weighing** with calibrated scales: audit trail for single FS and whole cartons
- **Production of large packs** such as N3 from bulk goods or from sales goods N1 which are previously decommissioned (multipacks as well as multi-country-packs)
- **Production of small packs** from large packs or from bulk goods

Manufacturing

Best in Class Benefits

- GDP compliant inventory management + storage incl. QA status management of all input components
- Direct connection to pharmaceutical logistics center (PLZ) as well as QP, LQK, LH on site → fast availability of manufactured products
- High quality → no additional transport + temperature load
- Storage capacities for all common temperature classes available incl. narcotics as well as storage for packaging material
- State-of-the-art equipment for a wide range of secondary packaging from small to large size packages
- Professional documentation (German/ English) 
- FMD professional of the first hour (decommissioning, serialization, TEP) via TraceLink and SAP PN 
- Inkjet + laser printing for flat and stand up folding cartons/boxes 
- TEP closures with TEP labels and hot glue / adhesive 
- Close cooperation with professional certified packaging material suppliers 

Climate and Environmental Management

Current Engagement PharmLog

Operation of three photovoltaic plants



Complete coverage of demand by green electricity from hydropower



Complete compensation of emissions from the use of natural gas



Member of the German Association of Energy Consumers (VEA) – Consulting in the field of efficiency

Implementation of energy audits according to DIN EN 16247-1



Participation in the initiative „Energy Efficiency- and Climate Protection Network REGINEE OWL“



Preparation of a resource report



Climate and Environmental Management

Milestones and Outlook

Preparation
concept -
development

Introduction
climate
management

Introduction
environmental
management
acc. to EMAS

Further development of reduction
concepts
Scope 1 and 2 (gas/electricity) and
Scope 3 (supplier management)
Continuous Improvement of
Environmental Performance

Climate
neutrality
PharmLog

Net Zero

