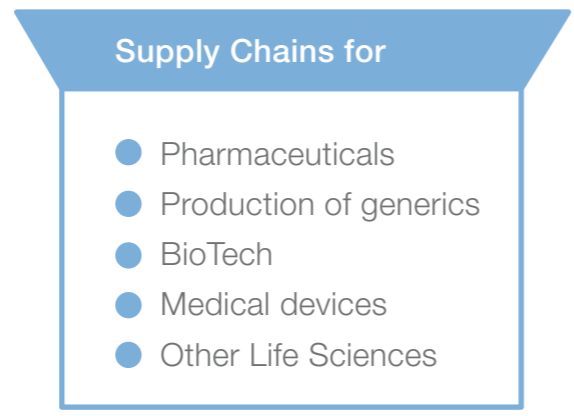




# Pharma & Life Sciences in focus

Logistics & Supply Chain Excellence in a High-Tech Industry

# Pharma & Life Sciences – Versatile markets with high dynamics



With API from remote countries, deep-freeze medications and traceability of products up to end costumers, Pharmaceutical Supply Chains are constantly challenged to face complex requirements. Therefore each sector of the Pharma Industry and its specific dimensions need to be considered individually. While for example Biotech-companies must be able to convey small lot sizes at minus 70 degrees Celsius or lower, the leverage to success for generics is most likely the reduction of logistics costs. On the other hand, similarities can be identified regarding regulatory requirements, like Serialization, GxP or Patient Centricity, just to name a few.

**How healthy are the processes and structures within your Supply Chain or Logistics Infrastructure?** A health check to evaluate the level of maturity of your Supply Chain and to identify strategic need for actions should be done regularly. SC Maturity Profiling can either be done in a self-assessment or with the help of external consultants.

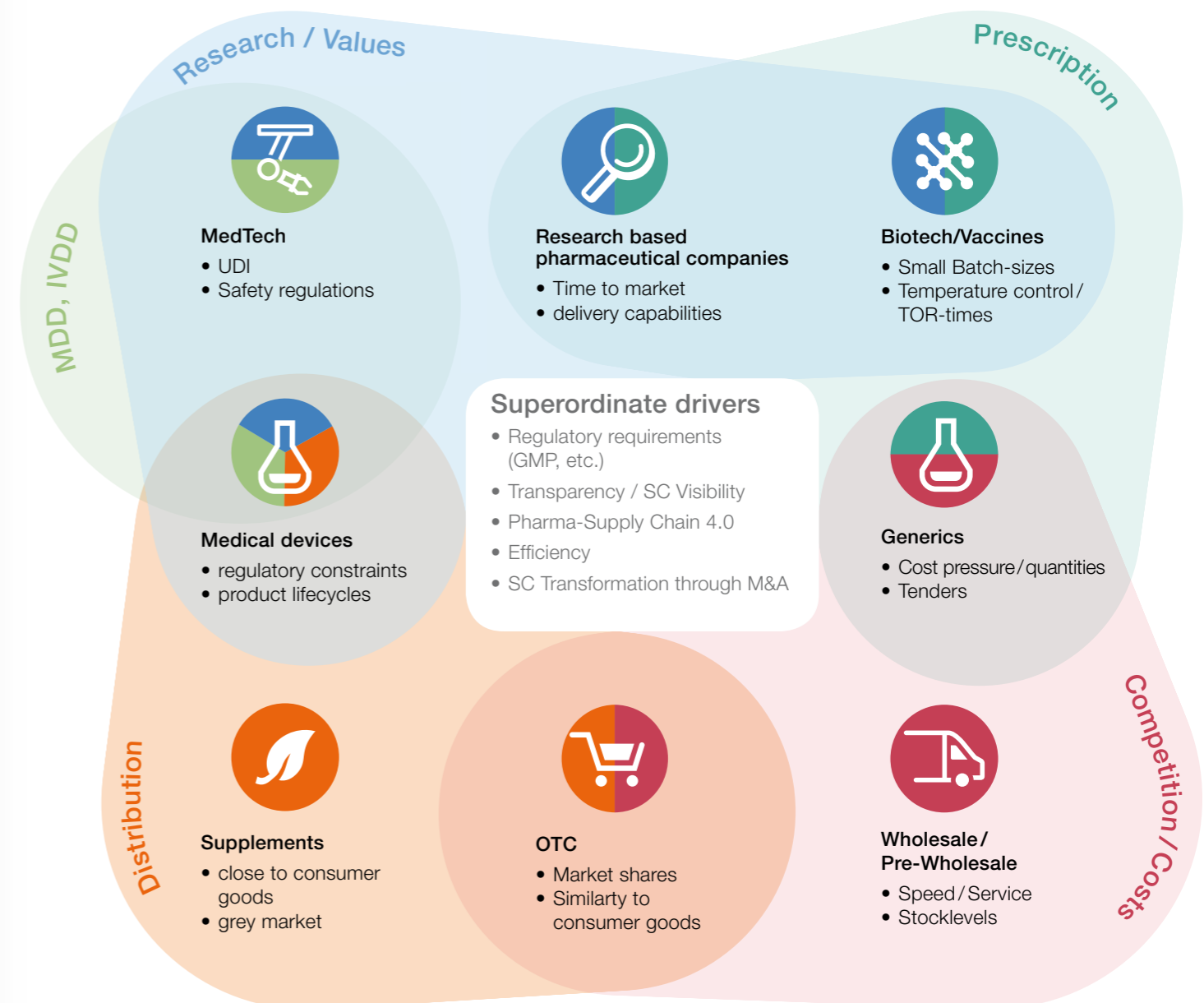
**How visible is your supply chain?** In order to maintain an up to date Supply Chain a continuous “end to end” flow of information is crucial. Transparent data from all Supply Chain partners enable real-time traceability and demand-driven control of Supply Chains. Consistent digitalization of all processes involved in the Supply Chain and Logistic Networks form the basis for a continuous, efficient and trustworthy cooperation between customers, suppliers and service providers.

**How do you try to minimize risks in the run-up to major investments?** The most common disruptions in Supply Chain and Logistics occur unexpected, are in most cases supplier-induced and therefore almost impossible to foresee. An upstream simulation of complex Supply Chains and Networks including Intralogistics creates a great opportunity to identify solutions for strategic and operational challenges, while always striving for the optimum in TCO. In contrast to static calculation tools, the Simulation tool allows a dynamic view of the overall scenario without any operational risk, and can provide security through a dress rehearsal in a digital twin.

*Optimized and transparent Supply Chains are able to respond more efficiently to increasing requirements*

# An Industry under the microscope – We know the pain points of Supply Chains in every field of the pharma business

*Specific and superordinate drivers determine market situations and require specialized solutions.*



# Miebach Services – We design Logistics & Supply Chain Excellence for your success

## Benefits

Global competition, regulatory requirements, digital transformation and constant change of customer and market requirements push pharmaceutical companies to a high degree of adaptability. Miebach develops and implements services to optimize the Supply Chain in order to achieve competitive advantages in the GxP environment.

## Supply Chain Transformation: Transforming challenges into successes

- **Pharma Supply Chain 4.0**
- **Network Design & Production Footprint**
- **Process-Mining**
- **Stock Optimization**
- **Supply Chain Assessment**
- **End to End Supply Chain Visibility**
- **Organizational Development**
- **Process Design & IT Systems**
- **Sales & Operations Planning**
- **Make or Buy Analysis**
- **Outsourcing**
- **Transport optimization**
- **IT-Strategy**
- **Simulation**

## Benefits

A neutral view towards all suppliers and their bouquet of new and developing technologies is one of our USPs. We are keeping up with the latest innovations in intralogistics, to cherry-pick and design the most efficient solutions for our clients. The integration of all Civil Construction and Subplanners as one General Planner is another responsibility we are happy to take on for you. Based on our industry specific know-how and market knowledge, we support Pharma & Life Science Companies with full design, implementation and ramp-up support for all kinds of logistics facilities within the GxP-Areas.

## Engineering & Implementation: Innovative and independent

- **Warehouse Design**
- **General Planning**
- **Factory layout design**
- **GxP, MDD, IVDD**
- **Simulation**
- **Production Logistics**
- **Airlock Processes**
- **Project Management**
- **Transition Planning**
- **Warehouse Management Systems**

## Operational Excellence: Always one step ahead

- **Logistics Audit**
- **Training & Coaching**
- **Ramp-up Support**
- **CIP Support**
- **Process-Mining**
- **Benchmarking**
- **Change Management**

## Benefits

From more than 10.000 successful projects we have learned that every sector, every company and even every product group within the Pharma & Life Science Industry has specific requirements that need to be met. Therefore, we carry out each analysis and the resulting measures individually to meet our clients needs, e.g. inspecting logistic processes step-by-step at different operational levels. As a result, we subsequently optimize the overall performance as well as the value streams of your business.



...to learn more please visit  
[www.miebach.com/services](http://www.miebach.com/services)



EN 03/2019

**Contacts for  
Pharma & Life Sciences**

**Achim Sponheimer**

Head of Pharma & Life Sciences  
sponheimer@miebach.com  
Phone: +49 69 273992-80  
Mobile: +49 172 6636127

**Heiko Hitzhuber**

Business Development Manager  
Pharma & Life Sciences  
hitzhuber@miebach.com  
Phone: +49 69 273992-90  
Mobile: +49 172 6636128

**Miebach Consulting  
GmbH**

[www.miebach.com](http://www.miebach.com)

**Germany**

Untermainanlage 6  
60329 Frankfurt/Main  
Phone: +49 69 273992-0

Katharinenstraße 12  
10711 Berlin  
Phone: +49 30 893832-0

Theresienhöhe 13  
80339 München  
Phone: +49 89 2444210-0

**Switzerland**

Baarerstrasse 141  
6300 Zug  
Phone: +41 41 7103-453

**Benelux**

Holsbeeksesteenweg 304  
3010 Leuven / Belgium  
Phone: +32 479 489361

**Miebach Consulting –  
Global Offices**

Bangalore, Barcelona, Berlin, Bogota,  
Buenos Aires, Dammam, Dubai,  
Frankfurt, Gliwice, Guatemala City,  
Indianapolis, Leuven, Lima, Madrid,  
Mexico City, Milano, Montréal,  
München, Oxford, Paris, Santiago  
de Chile, São Paulo, Shanghai, Zug



[www.miebach.com](http://www.miebach.com)