

ADELHOLZENER ALPENQUELLEN

SIEGSDORF 



SYSTEM
Logistics

A MEMBER OF THE KRONES GROUP



CUSTOMER INFORMATION



The Adelholzener Alpenquellen GmbH, based in Siegsdorf, offers **mineral water** and **medicinal spring water**, as well as **numerous soft drinks** under the brands Adelholzener and Active O2.

The company belongs to the **Congregation of the Sisters of Charity of St. Vincent de Paul**.

The **proceeds** of the company are used, after investments to **secure jobs**, to finance the **social projects** of the religious community, e.g. hospitals and senior citizen home.

BUSINESS **BEVERAGE** 

700
EMPLOYEES

634 MIO
FILLINGS (2023)

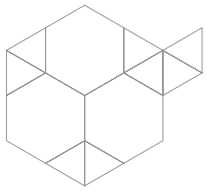




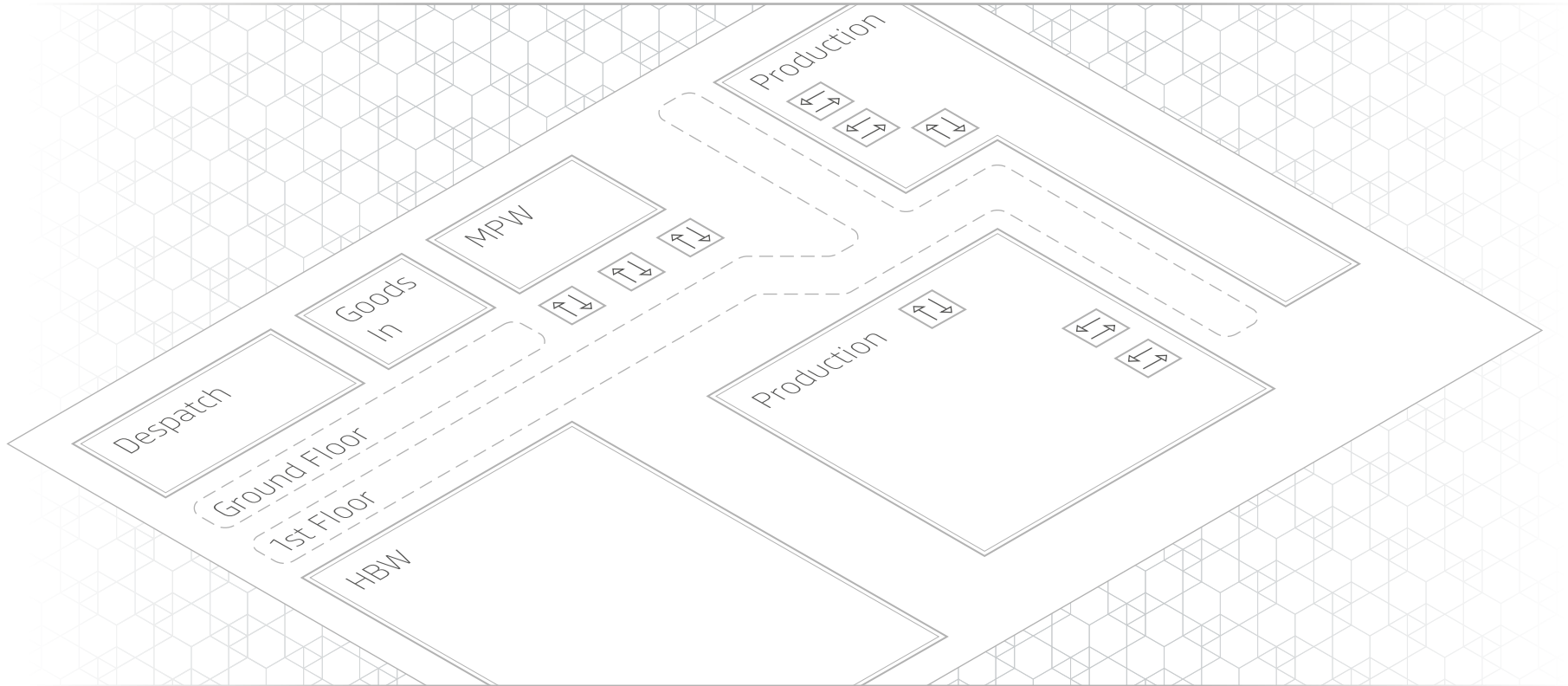
PURPOSE

- > Adelholzener made the decision to put his intralogistics on a new basis already in 2015.
- > Due to the topographical location, it was obvious that **only a high-bay warehouse** could be used.
- > The wish behind was to **centralize the entire logistics**, which was spread across several external warehouses within a 25-kilometer radius, at the production-plant again.
- > Together with a planning office, the idea arose to build the warehouse and **move the processes during ongoing operations**.





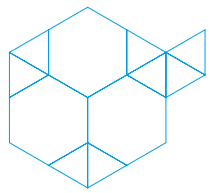
FACT SHEET



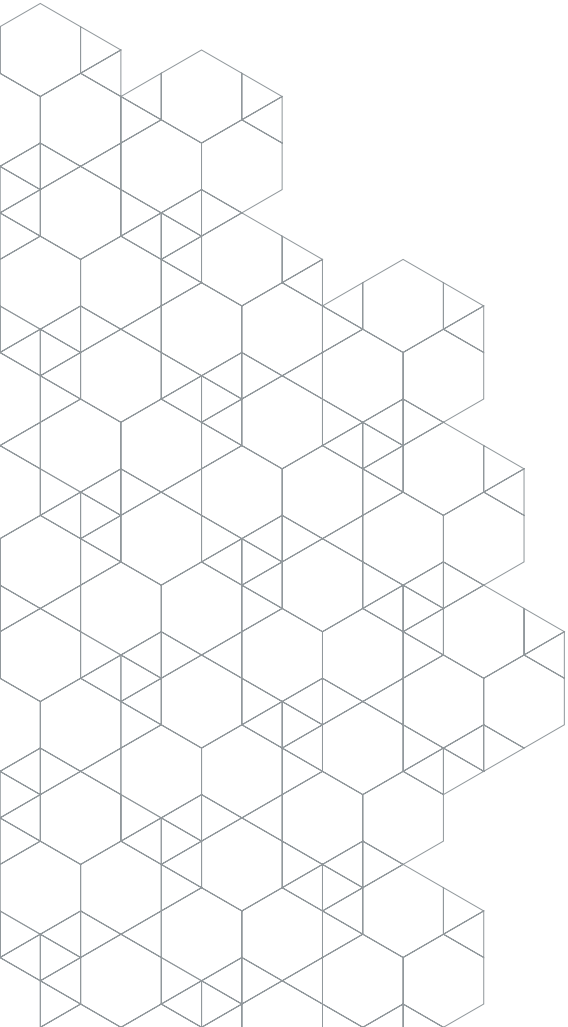
Logistic Building
100x200x42 m



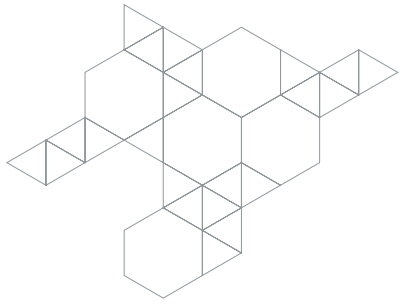
Number of SKU
300



FACT SHEET



- > 6 aisle, fully automated, double-deep, 42 meter high-bay warehouse
- > 23,000 pallet locations
- > Conveyor technology and transfer car for the supply of empties to the directly connected sorting and filling systems
- > 6 cranes with energy recovery units
- > Automated connection to production-lines with electric monorail:
 - Inbound to high-bay warehouse 140 pallets/h
 - Inbound to block-storage 400 pallets/h
- > Throughput high-bay warehouse to dispatch 300pallets/h
- > Direct connection to shipping with an electric monorail
- > 24 buffer lines for rear loading and conveyor technology connection for side loading
- > Warehouse Control System (WCS)
- > SCADA system visualization



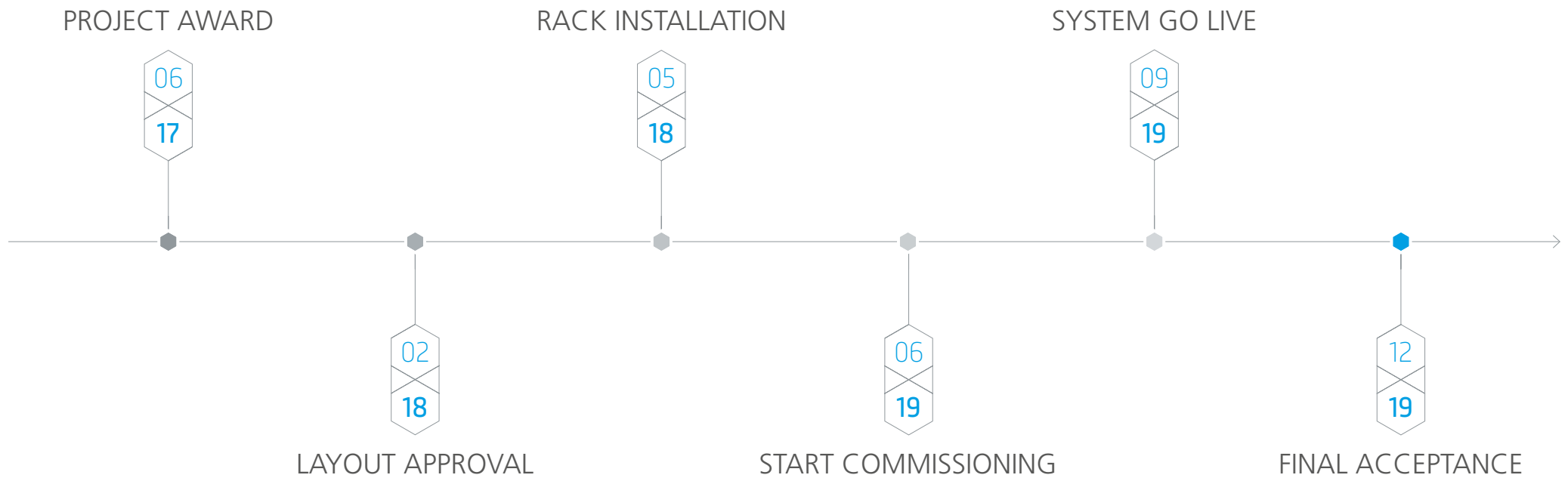
HIGHLIGHTS

- > Fully automated connection of 8 filling lines
- > Automatic pallet testing and exchange system with five pallet exchangers and four pallet testing devices
- > 2 projects in one: high-bay warehouse and a new returnable-glas-filling-line in parallel
- > System-Switch during operations in only 1 weekend
- > Extension of the storage-capacity without increasing the foodprint
- > Integration along the entire supply-chain





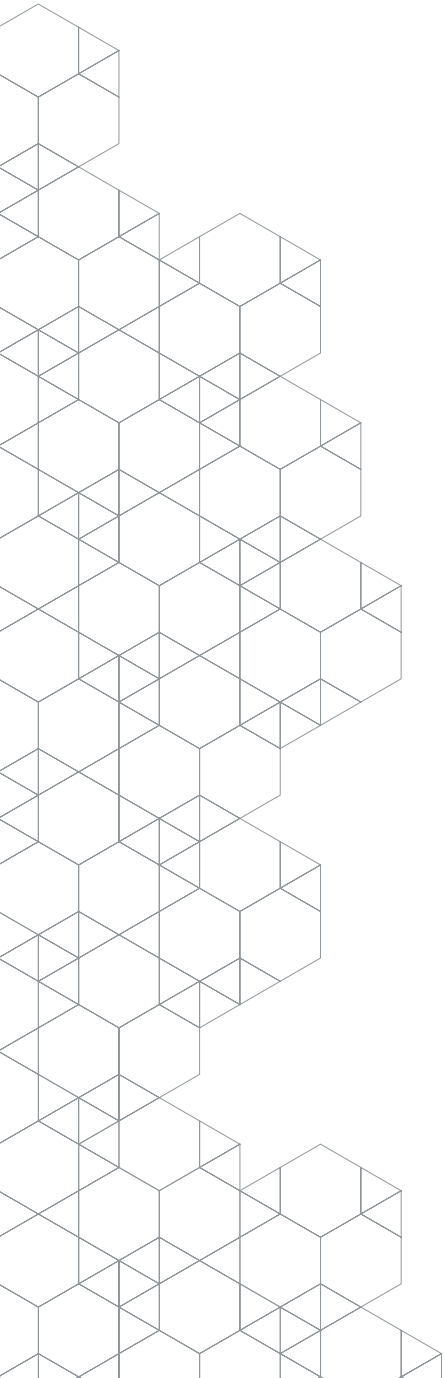
TIMELINE



„Our goal was to automate the entire material flow within the factory.“

Erwin Hächl (Head of Plant Planning and Optimization)

IMPRESSIONS







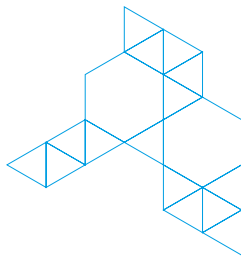
GASSE 01
HPT OCT 11 2020
KINIL 5001

GASSE 02
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