

FACT SHEET

C3 Bremen

The sustainable logistics center

- The C3 Bremen sets a new benchmark in green development and technical features, making it a lighthouse project for sustainability.
- On May 2, 2023 Dr. Robert Habeck, Federal Minister for Economics and Climate Protection, inaugurated the 80,000+ square-meter logistics center in Germany's largest goods transport center, the GVZ Bremen.
- At the inauguration ceremony Frank Dreeke, CEO of BLG LOGISTICS GROUP AG & Co. KG, joined with Dr. Robert Habeck, Federal Minister for the Economy and Climate Protection, Dr. Andreas Bovenschulte, the mayor and President of the Senate of the city of Bremen, Dr. Maike Schaefer, the Senator for Climate Protection, Environment, City Development and Housing and Dr. Jörg Burzer, the Head of Production & Supply Chain Management at Mercedes-Benz Group AG, to cut the green ribbon made of grass.
- Then Mr. Habeck, Mr. Bovenschulte, Ms. Schäfer and Mr. Burzer hung up the first four of 100 nesting boxes provided by nature conservation organization NABU and specially made for BLG.
- The C3 Bremen will prepare European production materials for shipping to the overseas assembly plants of an international automobile manufacturer. Chief among the large range of services provided in the C3 are consolidation, re-packing and containerization of the packed vehicle sets.
- Now services which were previously provided at various locations are pooled at the C3 Bremen.

- The new C3 Bremen logistics center is ideally located at the GVZ goods transport center which has direct connections to freeways, rail traffic and, via Neustädter Hafen, to inland and marine shipping.
- The three Cs in the name stand for **C**ustomer, **C**limate and **C**omfort. This means the C3 Bremen focuses not only on meeting customer requirements (Customer), but also on protecting the environment (Climate) and creating a pleasant workplace for employees (Comfort). In other words, alongside operative considerations, ecological and social aspects were taken into account right from the start. The C3 Bremen covers all three sustainability goals - environmental, social, governance.
- The new logistics center uses state-of-the-art warehouse systems and warehouse management software, e.g.
 - Currently 24 driverless transport systems (DTS)
 - Automated measuring and weighing
 - 7 storage and retrieval machines in the narrow-aisle rack which consists of 12 aisles and 23 rows
 - Put-to-light picking
 - Moving-floor technology for loading and unloading trucks
 - Automatic packing material assembly system with a cycle of 30 seconds per packing unit
- The building will feature the currently largest continuous **roof-mounted photovoltaic system on an industrial building** in Germany. It is projected to generate 8.4 million kWh of solar energy annually, ensuring carbon-neutral operation. Firstly, the electricity generated will be used on-site in the building. Secondly, surplus electricity can be supplied to homes or industrial partners under direct contracts.
- 23,000 PV modules and 52 inverters are installed in the system.
- Further **climate protection features** are: an energy-efficient building shell with seamless thermal insulation thanks to superior facade insulation, a holistic energy concept for

heating, hot water and ventilation, a heat pump, efficient lighting and air conditioning as well as smart lighting control inside and outside the building.

- **11 charging stations** for electric cars are available on the employee and guest parking lot. There are also lockable stalls for e-bikes complete with chargers for the batteries.
- Special **rainwater cisterns** capture water for irrigation of the plants.
- Daylight streams into the building through additional windows in the roof, the facade and the gates. **Moss walls and elements** in the interiors contribute to well-being. Distributed around the building are 16 hanging moss balls, each with a diameter of 60 cm and a weight of 10 kilograms. The largest moss element has a diameter of almost two meters.
- The logistics plant features 54 sectional doors and 16 ground-level doors plus parking spaces for 28 trucks, 333 cars, 15 motorcycles and 114 bikes.
- A company restaurant offers seating for around 150 people plus an outdoor terrace. More **space for relaxation** is available in the park area with indigenous trees, including fruit trees and shrubs. The outdoor green areas also offer quiet zones in a specially designed dune landscape.
- BLG aims to gain **Platinum certification** from the DGNB (German Sustainable Building Council). It has already applied for certification under the WELL GOLD standard.
- The C3 Bremen will not be a one-off project. Instead, it will provide a blueprint for future locations in the BLG network.