

ZUKUNFT
ist

NAUEN



MINDEN
HANNOVER

schweitzer 

FACTS + FIGURES

CLIENT

EDEKA Minden-Hannover / EDEKA Retailer Christian Dorfmann

CURRENT PROJECT

EDEKA: Store of the Future

LOCATION

Nauen, Germany

SALES AREA

2,500 m²

OPENING

29th August 2024

BUILDING SYSTEMS

Heating requirements

17 kWh/m² per year instead of
100 kWh/m² for other new buildings
with the same retail space

Covering the heating base load
with waste heat from cooling units

Alternative to CO₂-system

Use of a decentralized
Waterloop refrigeration system

Environmentally friendly refrigerant

Natural green gas R290
with a GWP* value of 3

Amount saved in energy costs

17% compared to a
conventional CO₂ system

* Global warming potential



CHALLENGE & CONTEXT

The regional enterprise EDEKA Minden-Hannover and Schweitzer marked another milestone in the history of both companies with **EDEKA's Store of the Future in Nauen.**

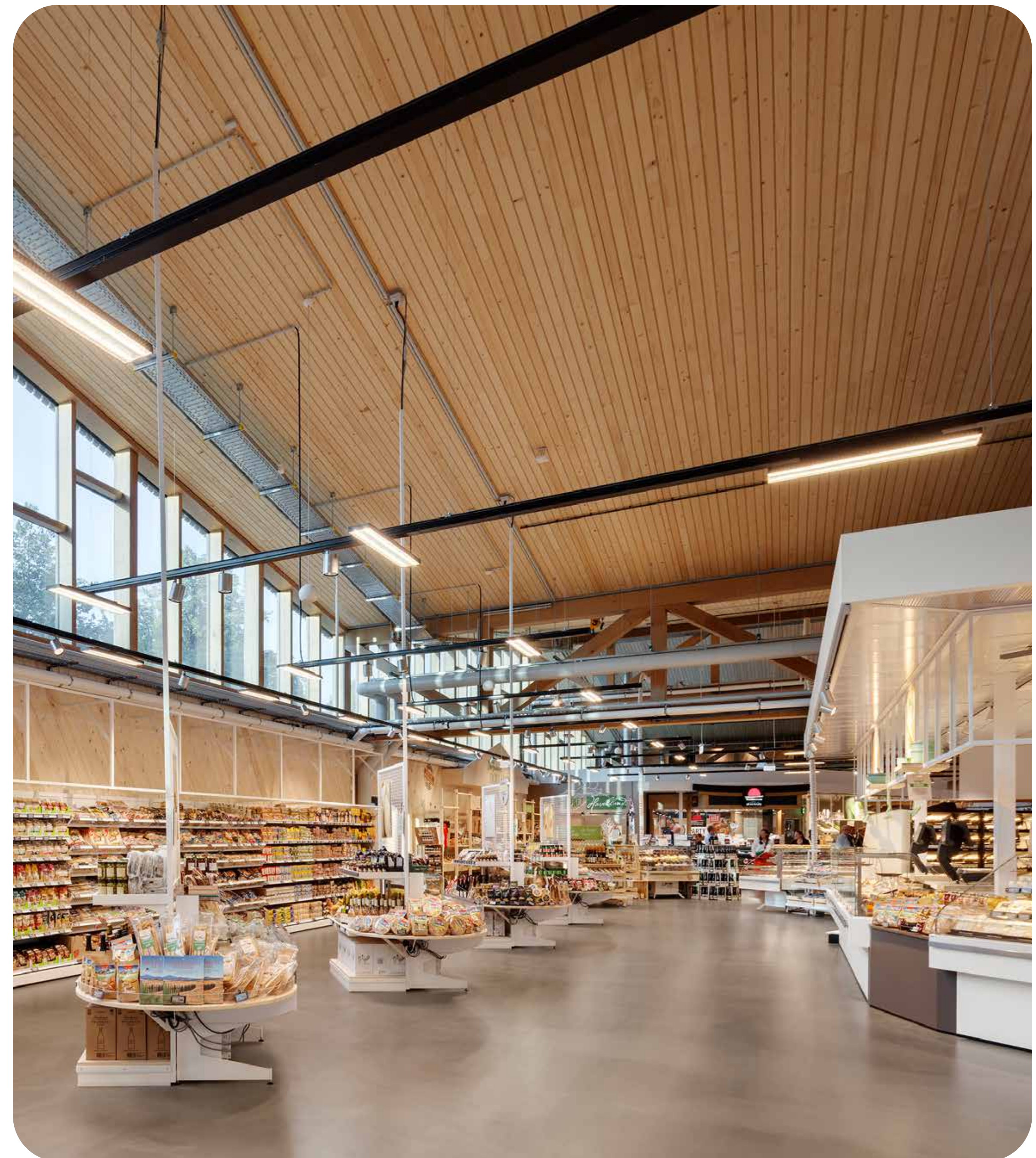
The customer requested assistance with building and developing the **most sustainable and innovative supermarket** in Germany.

CONCEPT

The slogan '**The future is...**' serves as the overall concept and pervades throughout the store, with a focus on **generating sustainability by stripping away excess.**

That means everything superfluous was omitted from both the store's architecture and the entire shopfitting process. As a partner for shopfitting, store design and cooling, we developed and implemented innovative solutions to satisfy the customer's sustainability requirements.

The store concept aimed to support the pleasant atmosphere created by its unique **timber architecture**, throughout shopfitting, furniture and graphics.





HIGHLIGHTS

A SUSTAINABLE APPROACH TO SHOPFITTING AND STORE DESIGN

While **steel or solid wood** were used in the shopfitting, **neutral colors** and the pared-back use of materials contribute to creating a lighter ambiance and heighten the focus on product presentation.

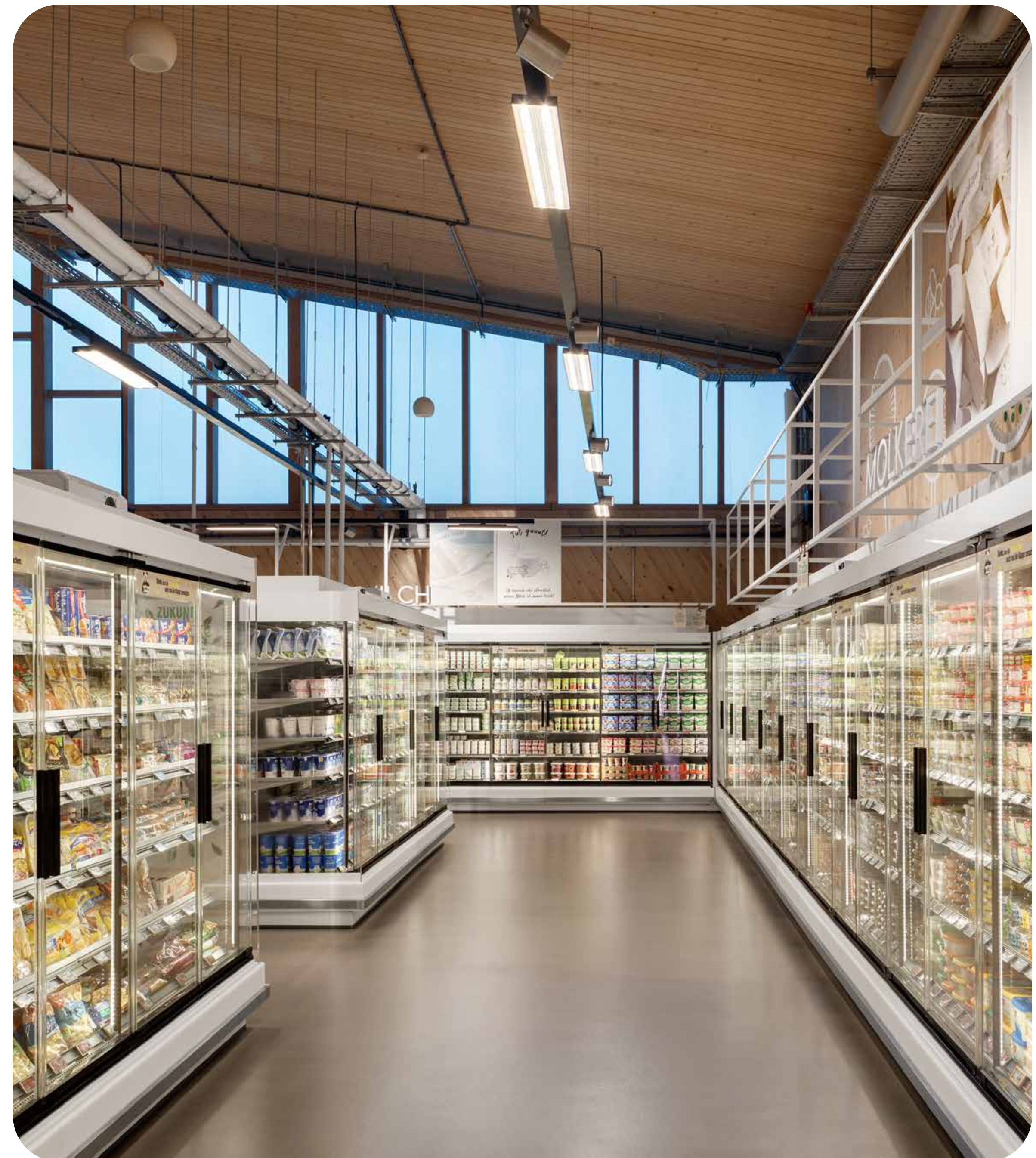
The amount of cladding and the number of decorative elements have been minimized, while all the decorative components and furniture are made of **recycled materials** or were obtained from flea markets and second-hand shops.

Suspended 3D elements made of recycled PE materials help customers to find their way around the store. These, along with any printed graphics, can be fully recycled at the end of their lifespan.

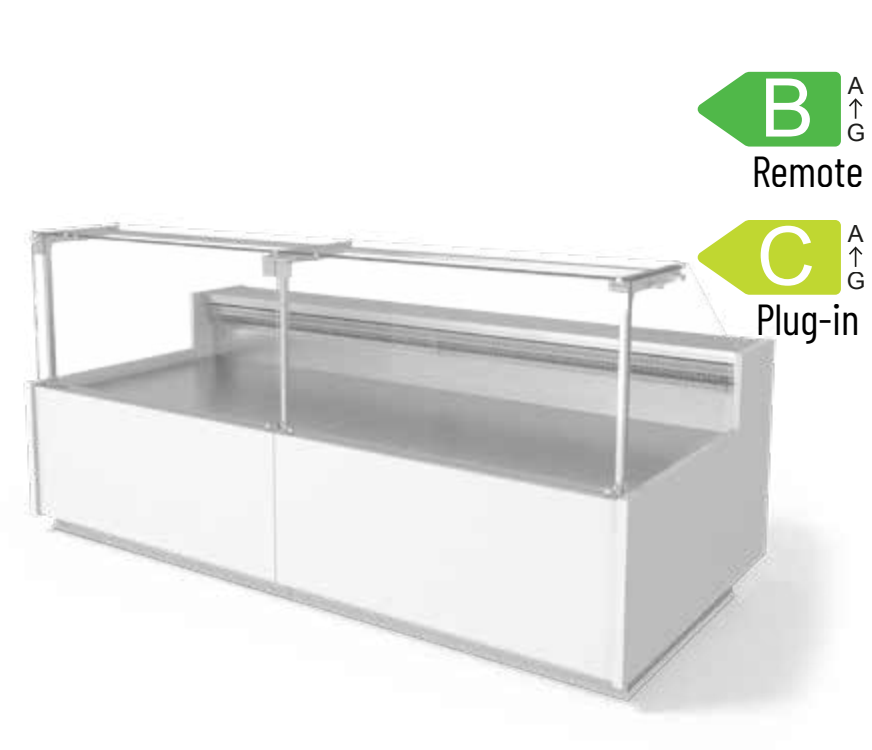
HIGHLIGHTS

WATERLOOP: THE MOST ENERGY-EFFICIENT REFRIGERATION TECHNOLOGY

All the wall cabinets, island-site cases, **self-service and serviced counters** in the fresh areas come from the Schweitzer production facilities and are self-contained. This means that the fresh departments can be dismantled, expanded or converted quickly and easily.



OVERVIEW OF COOLING UNITS / COUNTERS



CHRONOS SA-E

The refrigerated counter with world-beating efficiency



BOZEN

The multideck case with Ecodesign C certification and 500 g of refrigerant



FLEX

Linear glass design for increased product capacity



EPPAN

The freezer unit with Ecodesign C certification and 500 g of refrigerant



LAAS

Our island-site case for frozen products and ice cream

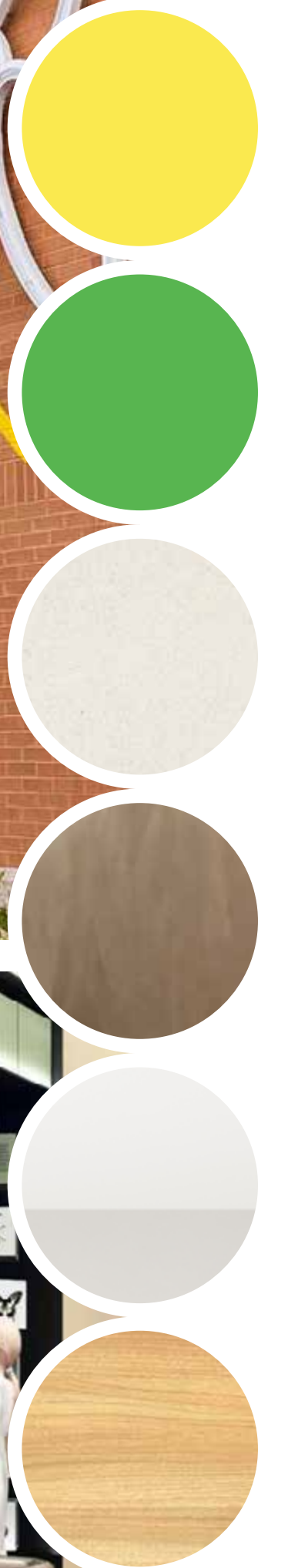
The all-encompassing basic claim of our Store of the Future aims to be as sustainable as possible: from the architecture to the shopfitting and design, as well as its actual management. For me, sustainability in this case means, among other things, reducing or doing without what is unnecessary. This approach can be found throughout the market.

CHRISTIAN DORFMANN,
MANAGING DIRECTOR OF EDEKA'S STORE OF THE FUTURE IN NAUEN



LOOK + FEEL

ZUKUNFT Nist



DESIGN <> BUILD



DESIGN <> BUILD





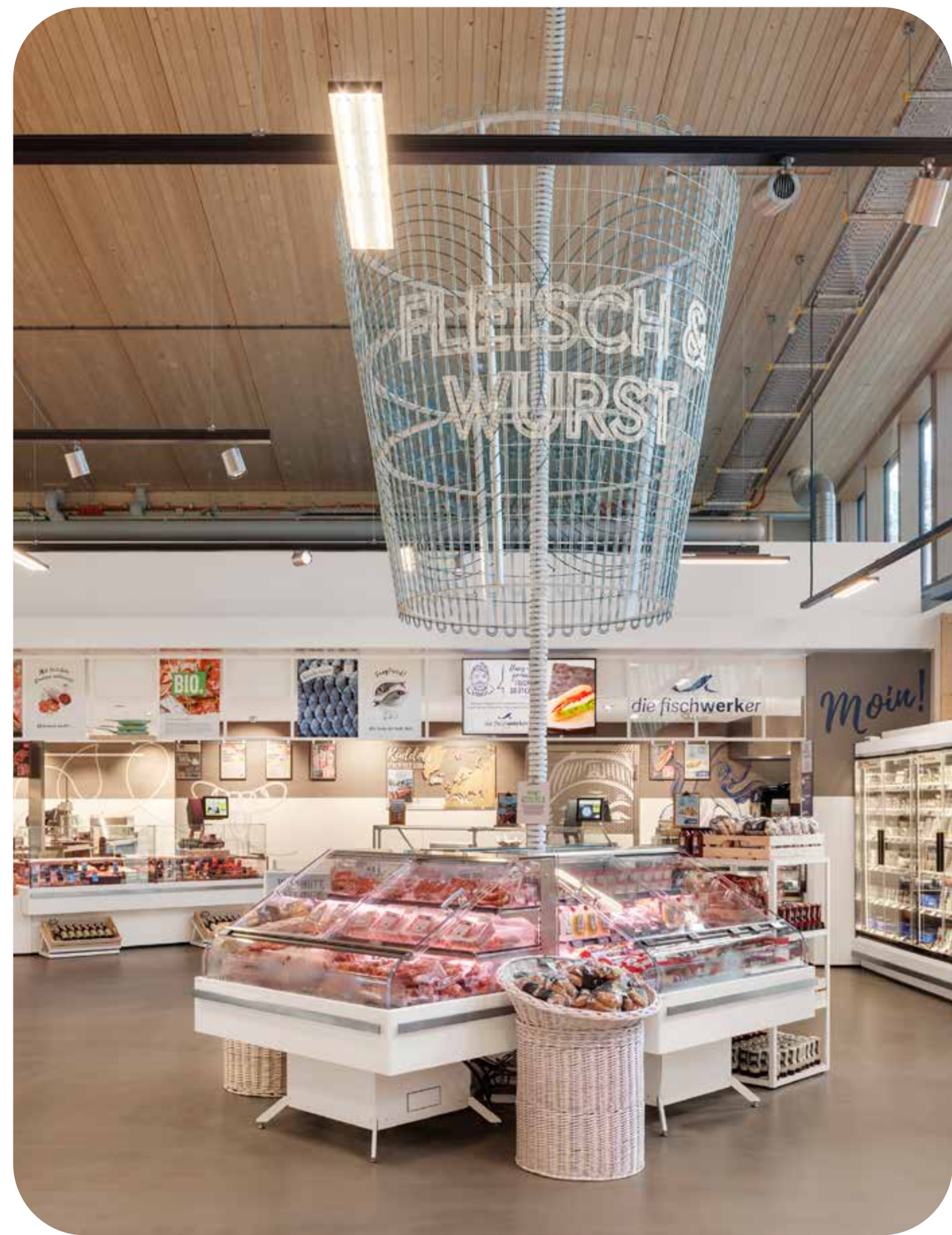




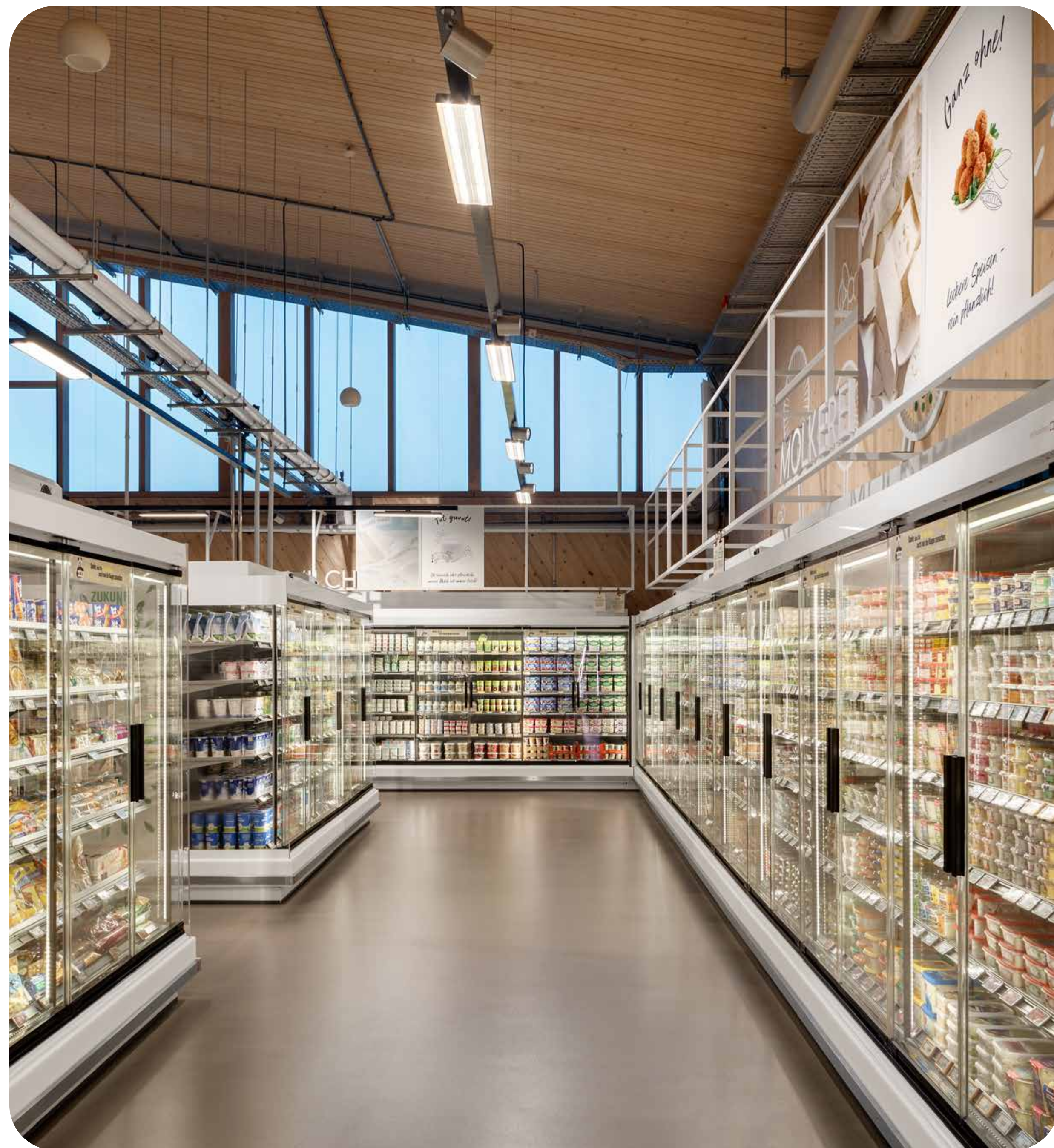






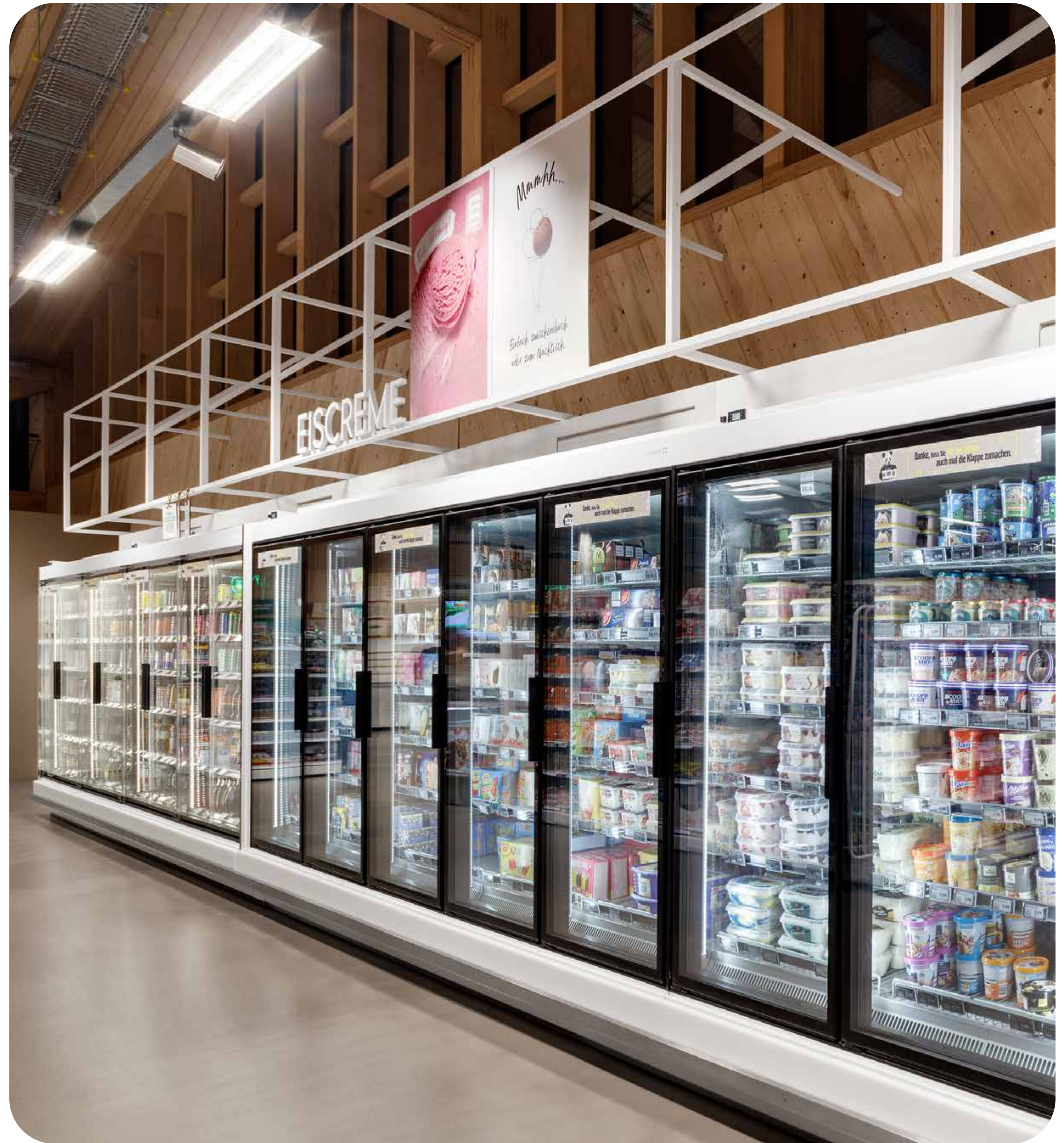










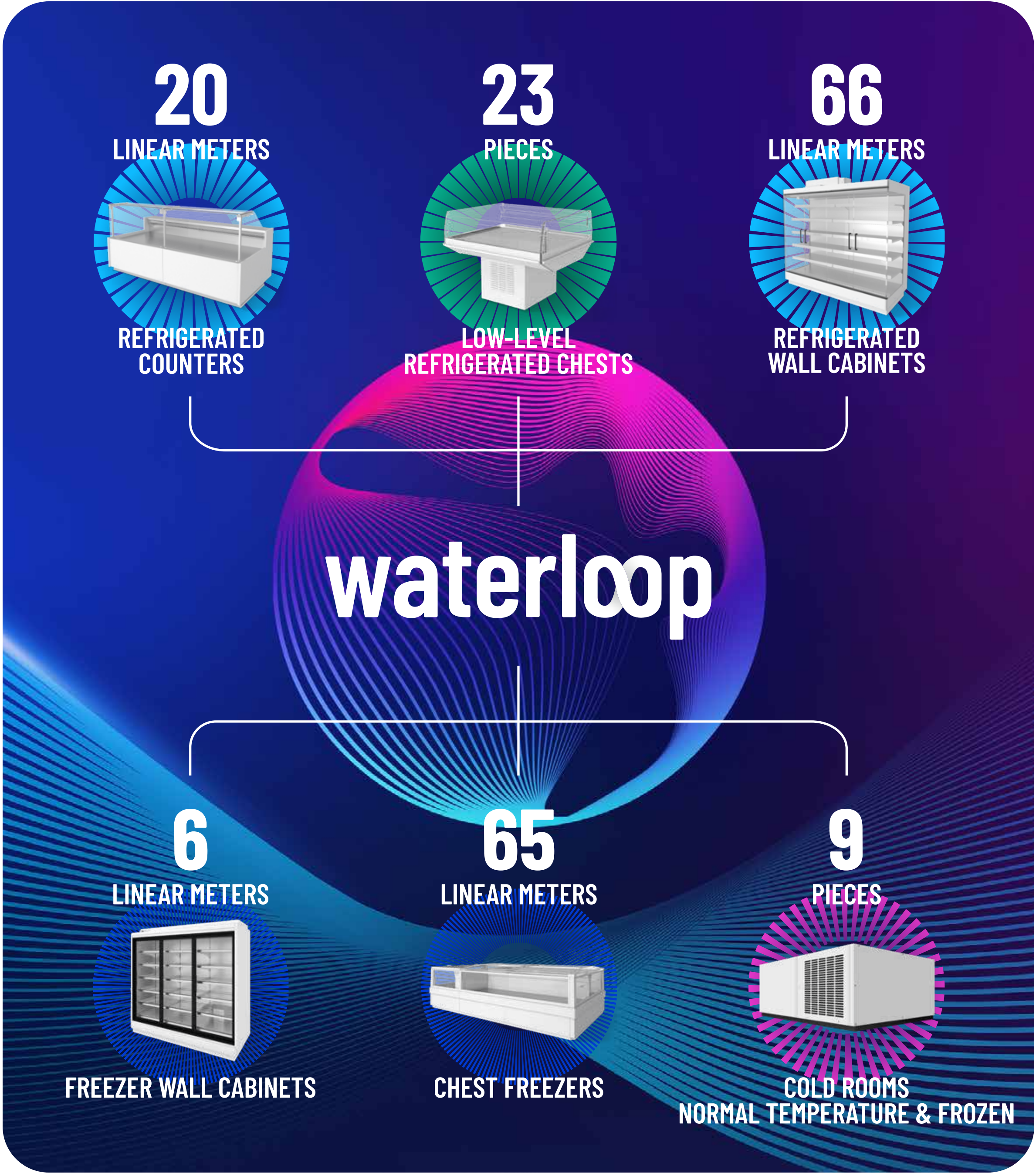






WATERLOOP

We implemented a **Waterloop system** – the **energy-efficient alternative to a conventional CO₂ system** – across a total retail space of approximately 2,500 m². The cooling units and counters used in the system come from our manufacturing sites in South Tyrol and Northern Italy.





we think retail.

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