



MINDEN
HANNOVER

ZUKUNFT ist
NAUJEN.

schweitzer 

EDEKA's Store of the Future in Nauen

On behalf of the German supermarket corporation EDEKA Minden-Hannover, Schweitzer developed and brought to life the **most sustainable and innovative store** in the region: the **Store of the Future** EDEKA in Nauen.

The overall concept focussed on **sustainability through reduction**. Interstore, with the support of Jos de Vries, implemented this requirement in the store concept and developed the leitmotif '**Future is...**', which runs like a common thread through the entire shop area. Everything superfluous was left out of the architecture as well as the entire shopfitting and store design.

As a partner for **shopfitting, store design** and **refrigeration technology**, we have developed and implemented innovative solutions that meet the sustainability requirements.

CLIENT

EDEKA Minden-Hannover /
EDEKA Retailer Christian Dorfmann

LOCATION

Nauen, Germany

SALES AREA

2.500 m²

OPENING

29th August 2024

CATEGORY


Retail, Food, Supermarket

SCOPE OF WORK

DESIGN + BUILD

Refrigeration technology

Refrigeration units

DESIGN  BUILD

AND

REFRIGERATION
TECHNOLOGY



DESIGN BUILD

A unique approach in the retail industry:

Design + Build, all from ONE source.

In close co-operation with our customers, we turn their vision into reality.

BENEFITS

- From the idea to realisation, everything from a single source
- Guaranteed adherence to schedule + budget
- Flexibility + speed in realisation

REFRIGERATION TECHNOLOGY

Almost half the electricity consumption in supermarkets is due to refrigeration. With our **energy efficient** refrigerated cabinets, counters and refrigeration systems from our own production, retailers make **savings on energy costs.**

BENEFITS

- No need for a refrigeration plant
- Closed water circuit for the discharge and/or recovery of condensation heat
- Simple pipework and maintenance
- Expansion options, no interruption during conversion
- Massive reduction in construction times for quick conversions and possible rollouts
- Simple pump station with simple low-pressure pipes



DESIGN  BUILD









Dorfmanns
HOFLADEN

Regional

Dorfmanns HOFLADEN

Dorfmann
Vindweck neu
an
5,99

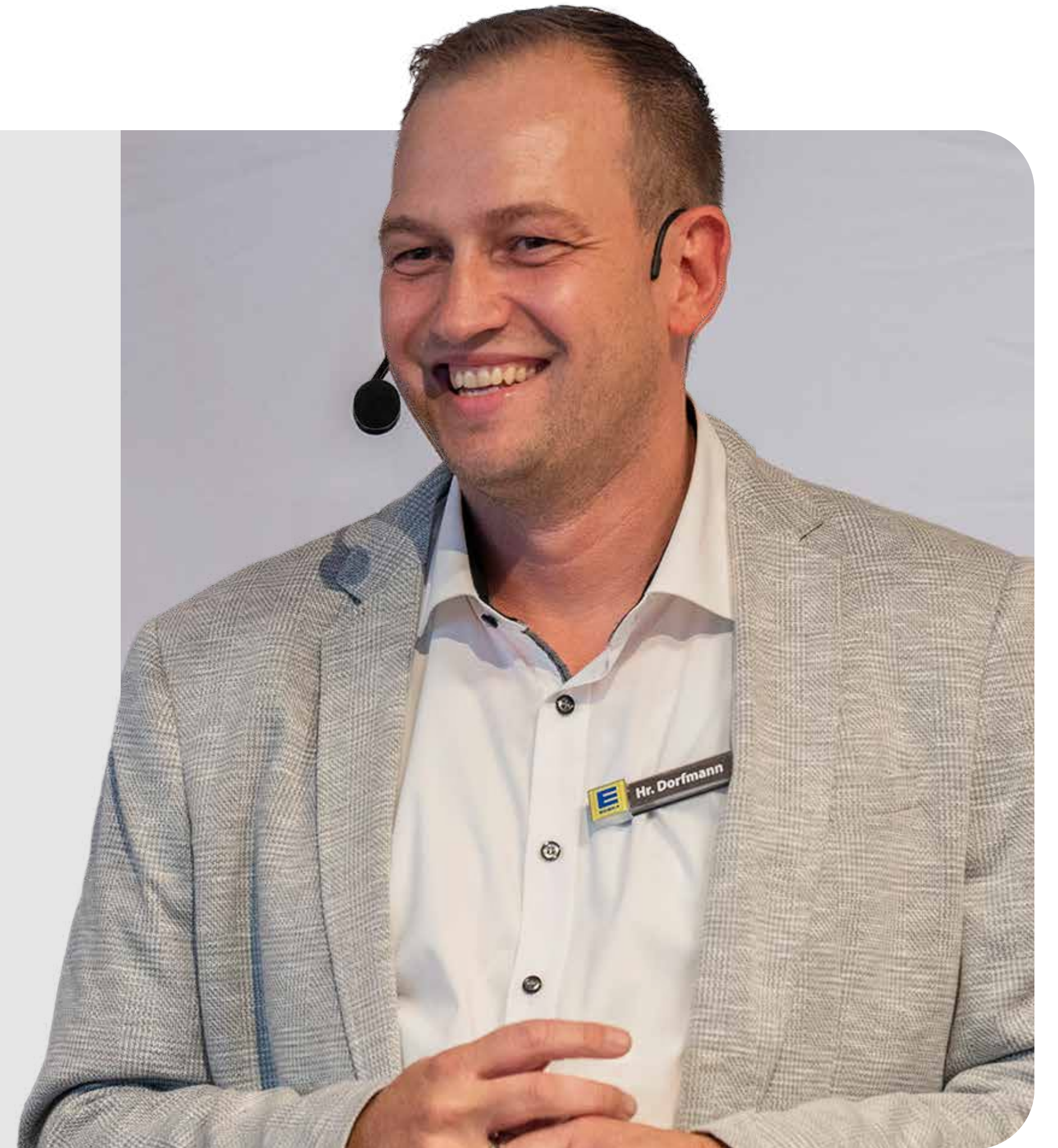
GENUSS
ZEIT

REGIONAL
BESTE AUS
WELCHE REGION
DIE WELT

“

The all-encompassing basic claim of our Store of the Future is to be as sustainable as possible: from the architecture to the shopfitting and design, as well as its actual management.

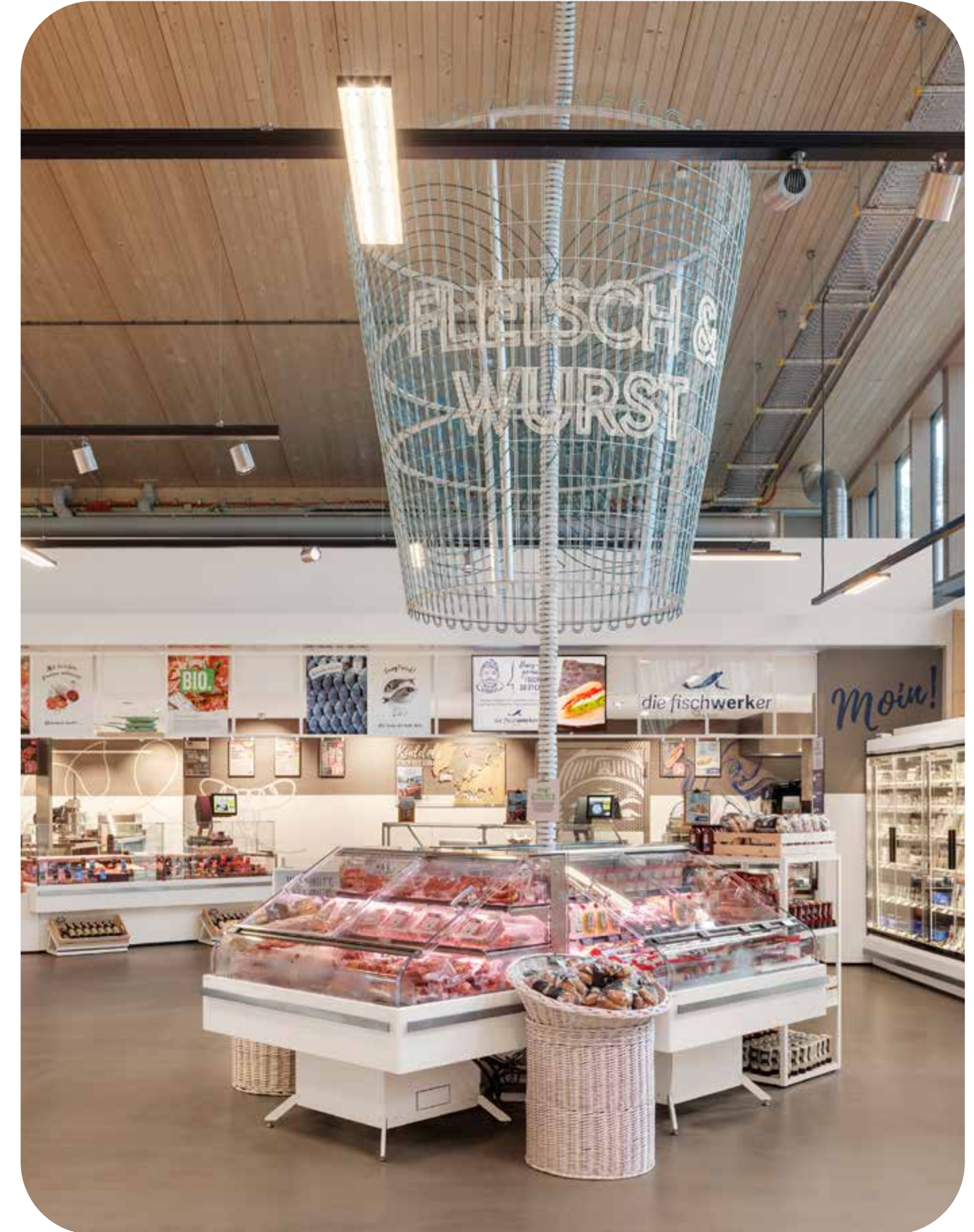
For me, sustainability in this case means, among other things, reducing or doing without what is unnecessary. This approach can be found throughout the market.



CHRISTIAN DORFMANN

MANAGING DIRECTOR OF EDEKA'S STORE OF THE FUTURE IN NAUEN







Unser
Pattenschnitzel

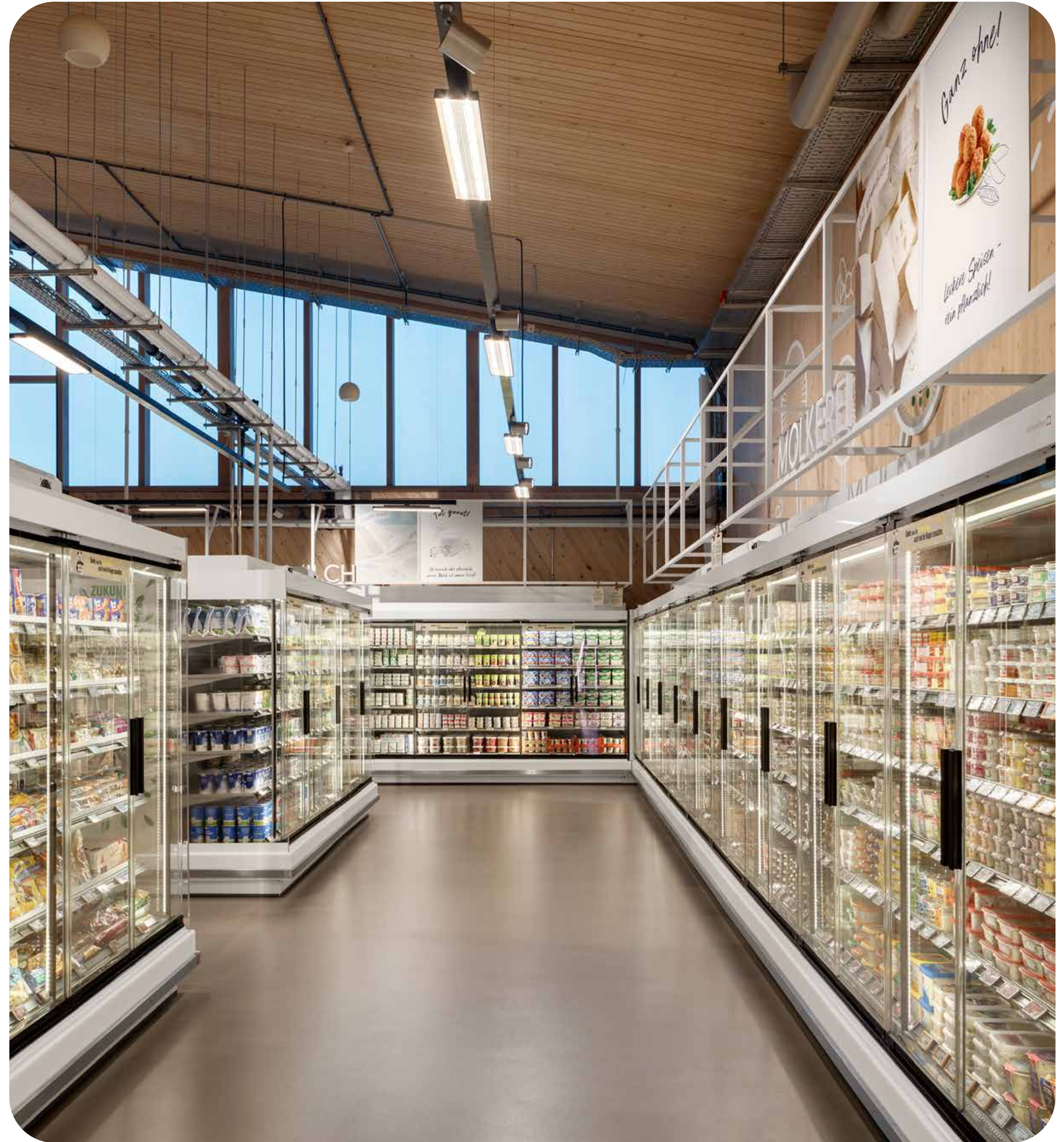
Mit frischen
Käsestücken
und
Wurststücken...

ZUKUNFT
BIO.

Genieße frisch!

Fangfrisch!
Wir haben das beste Netz.

Ruddel's
FISCHES MONAT









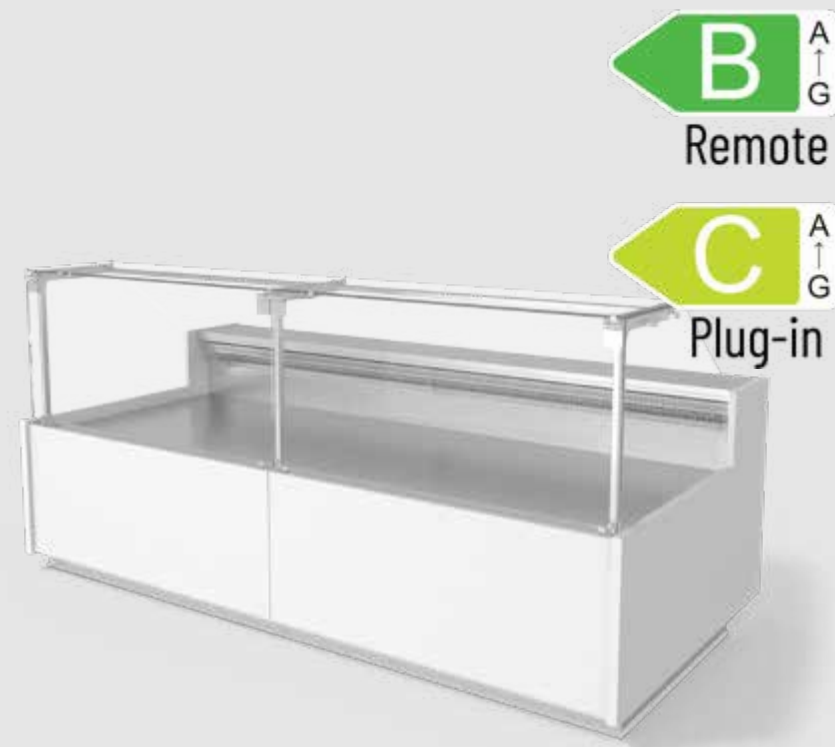




Refrigerated cabinets & counters in the market

Up to 500 g refrigerant R290

CHRONOS SA-E



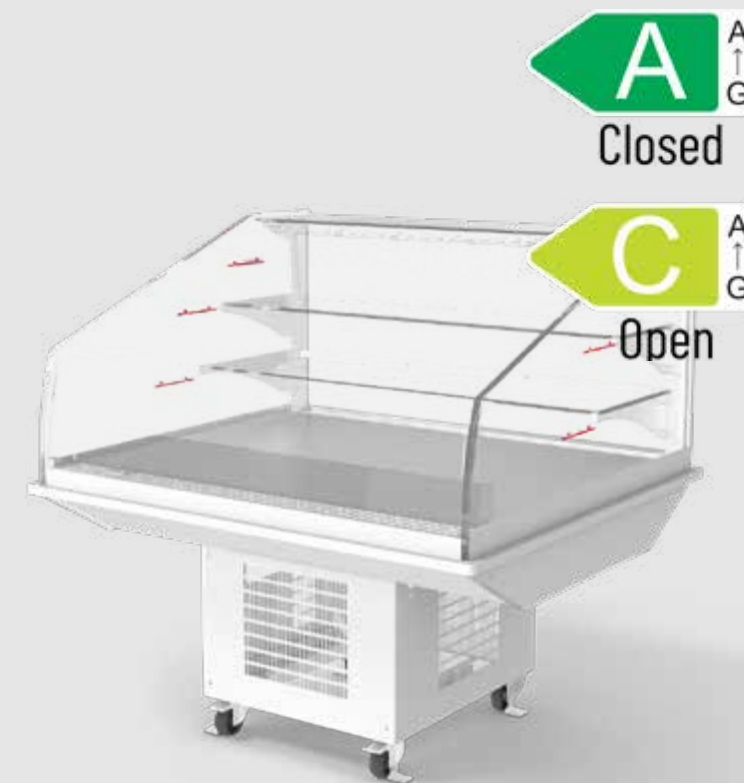
The refrigerated counter with world-beating efficiency

BOZEN



The multideck case with Ecodesign C certification

FLEX B+2



Linear glass design for increased product capacity

EPPAN



The freezer unit with Ecodesign C certification

LAAS

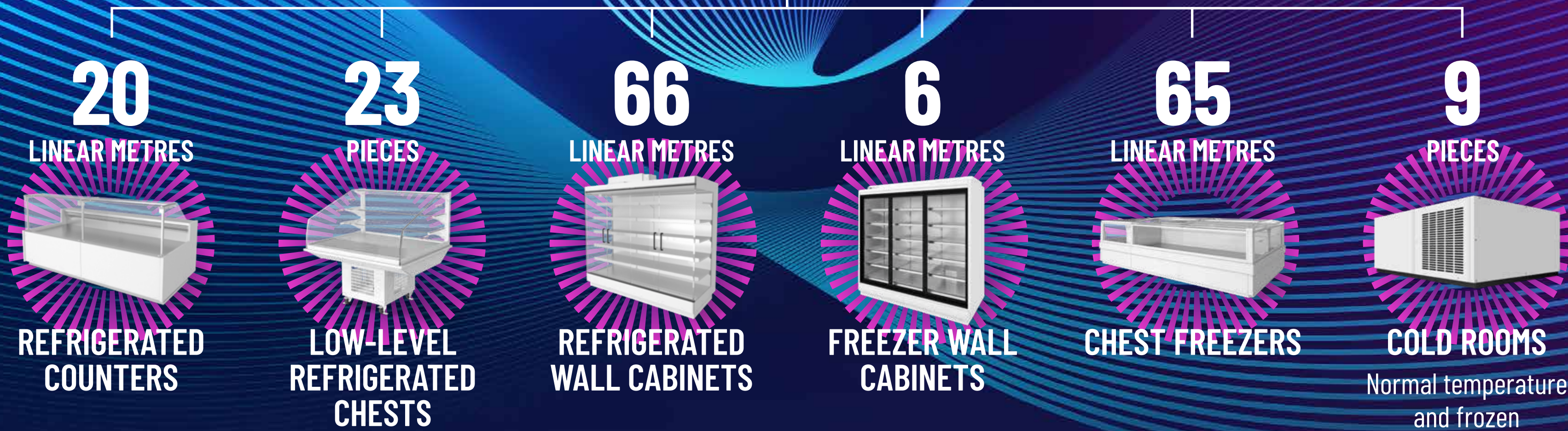


Our island-site case for frozen products and ice cream

The energy efficient alternative to a conventional CO₂ System

waterloop

2.500 m² sales area



Heating requirements

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

Alternative to CO₂ system

Use of a decentralized Waterloop refrigeration system

Covering the heating base load

With waste heat from cooling units

Amount saved in energy costs

17% compared to a conventional CO₂ system

Environmentally friendly refrigerant



NATURAL GREEN GAS.
R290.

Ozonefriendly

ODP* = **0**

* Ozone Depletion Potential

Greenhouseeffect

GWP* = **3**

* Global Warming Potential

- Energy efficient and reliable
- Low operation costs
- Superb thermodynamic properties
- Excellent performance in warmer climates
- Operation at standard pressure
- Minimal amount of refrigerant required

we think retail.

DESIGN  BUILD

AND

**REFRIGERATION
TECHNOLOGY**

schweitzer 

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