



Wir  Lebensmittel.







New horizons
for our store
technology



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Profile of the EDEKA Group



-  EDEKA Group revenues 2012 : 44,8 billion €
-  around 11.700 stores
-  around 4.000 independent EDEKA entrepreneurs
-  more than 318.000 employees and around 18.200 trainees
-  EDEKA is the biggest marketer of regional products
-  EDEKA is Germany's biggest food grocer



EDEKA South-West (Südwest)



7,4 billion €

group revenues
incl. food retail (2012)

1.350 stores

982 independent entrepreneur stores
368 centrally managed stores

43.500 employees

thereof ca. 20.000 employees in
independent entrepreneur stores
area-wide

2.863 trainees



EDEKA South-West (Südwest)



Refrigeration Footprint

Since 2009, transcritical CO₂ systems and subcritical hybrid cascade systems are the preferred choice of EDEKA Südwest

Actual refrigeration system footprint :

- 106 transcritical CO₂ systems
- 59 subcritical hybrid cascade systems
- 1.185 traditional systems with syntetic refrigerants

EDEKA South-West (Südwest)



Sustainability/ Ecology



We act sustainable :

- 15 photovoltaic systems
- 36 stores with geothermal wells
- 19 stores with geothermal sensors (each for heating and cooling)
- 23 stores with GreenBuilding certificates of the EU Commission
- preference for refrigeration systems with CO₂ refrigerant in new stores
- glass lids on freezer islands and glass doors on chiller multidecks
- heat recovery from the refrigeration systems and the ventilation systems
- Energy saving lighting systems with main focus on LED lighting

August Nolte aktiv markt GmbH



> 30 million €
group revenues
incl. food retail (2012)

6 stores

- 5 stores with traditional refrigeration systems
- 1 store with transcritical CO2 refrigeration system, combined heat recovery system and heat pumps

200 employees

12 trainees



Koenigstein store

- refrigeration system
 - MT : 78 kW
 - LT : 12 kW
 - transcritical CO₂ booster design
 - refrigerant charge : 149 kg
- heat recovery system
- heat pumps (2)
- yearly energy cost savings
 - refrigeration : 10 %
 - heat recovery : 35 %

40 employees

