August Nolte aktiv markt GmbH





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	CO ₂	systems
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- 59 subcritical hybrid cascade systems
- 1.185 traditional systems with syntetic refrigerants

EDEKA South-West (Südwest)





We act sustainable:

- 15 photovoltaic sysrtems
- 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

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> 30 million €

group revenues incl. food retail (2012)

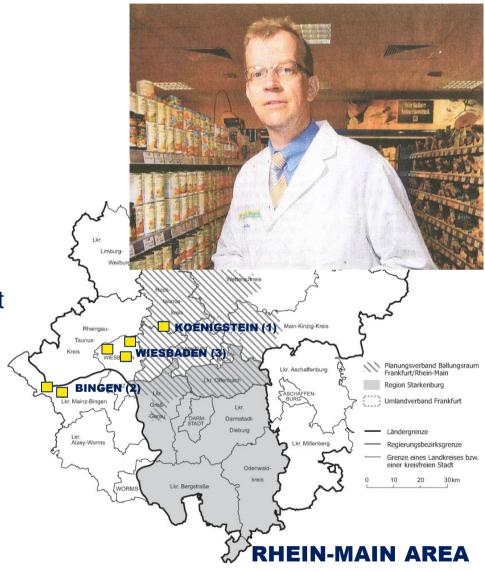
6 stores

5 stores with traditional refrigeration systems

1 store with transcritical CO2 refrigeration system, combined heat recovery system and heat pumps

200 employees

12 trainees



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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

