

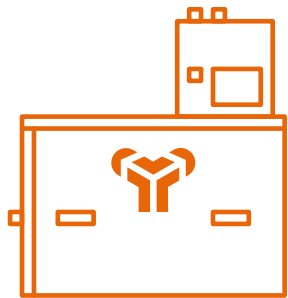


**kraftwerk**

**CHP - Made in Germany**

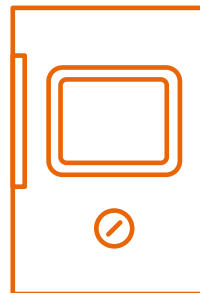
# Who we are and what we do

- CHP manufacturer since 1996
- Over 100 employees in development, production and maintenance
- Project support from conception to decommissioning



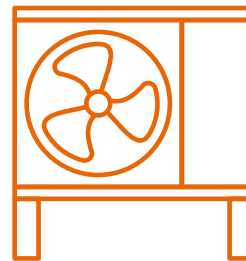
mephisto

Combined Heat and Power  
from 8 to 50 kW<sub>el</sub>



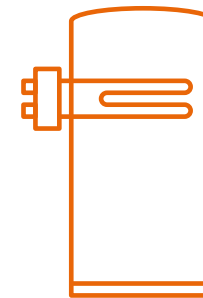
direktor

Control unit for all  
energy producers



Heat pumps

with continuous modulation  
from 10 – 50 kW<sub>th</sub>

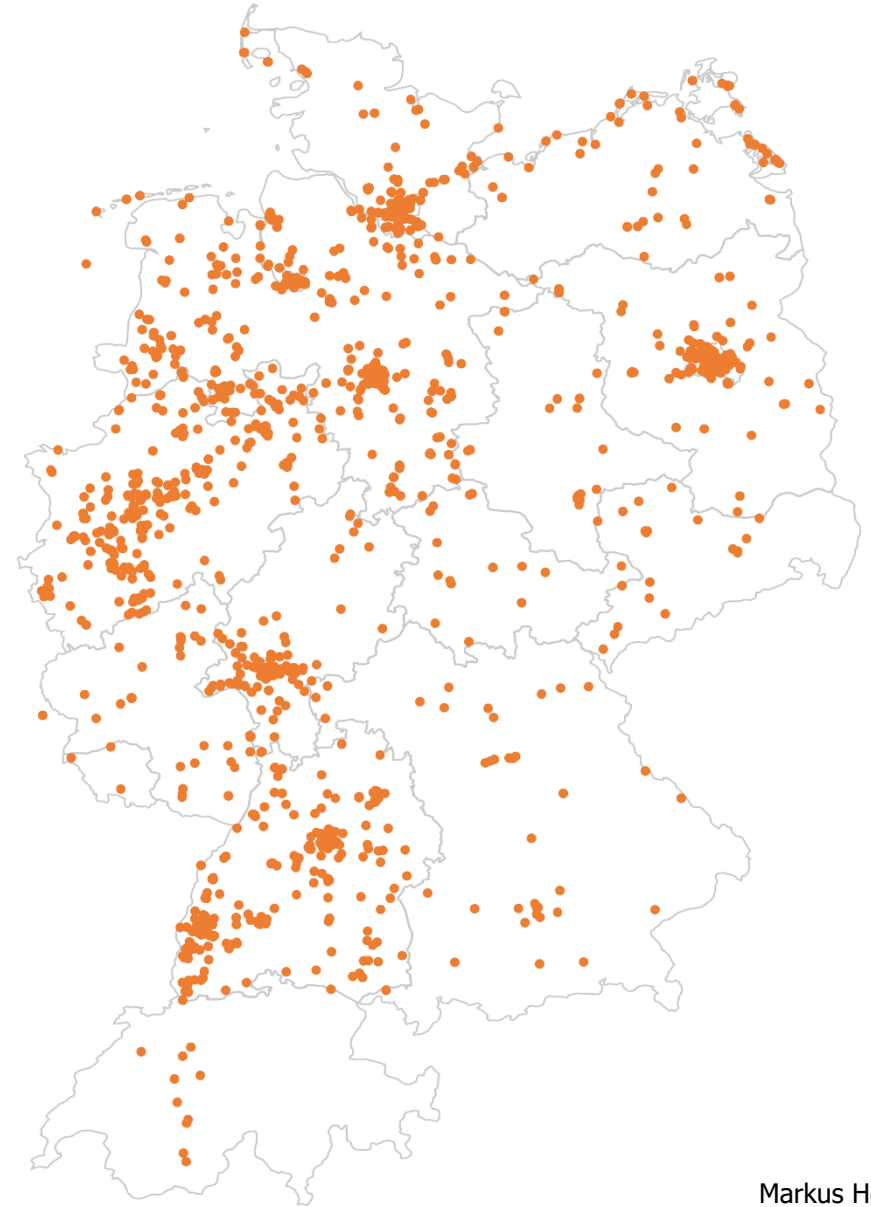


Buffer tanks

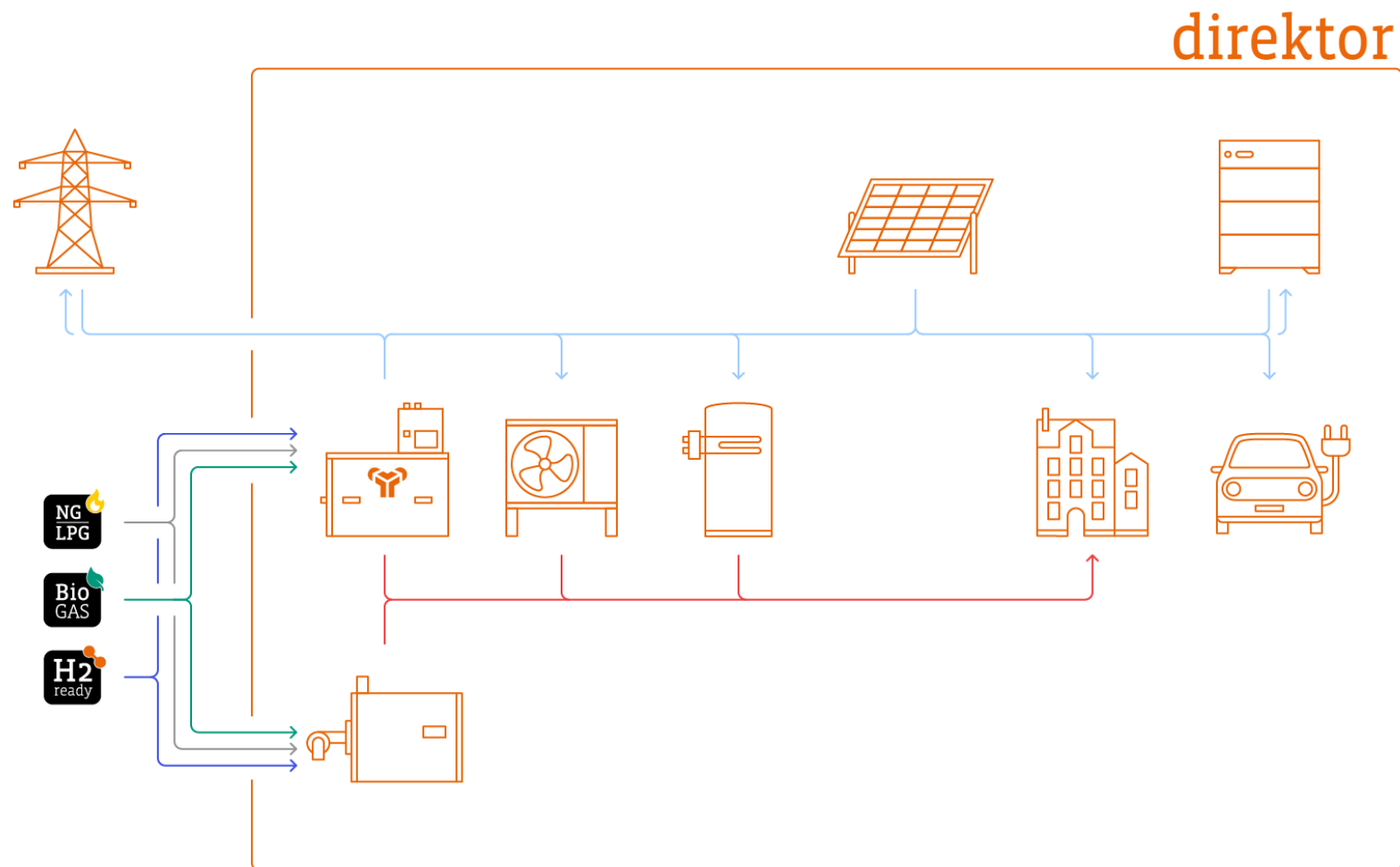
Made to measure for  
each project

# kraftwerk Services

- More than 2700 units installed in Germany & Switzerland
- Conception, planning and consulting
- Installation & Commissioning
- Maintenance by factory customer service or partner



# Sector coupling in a district



# direktor

Control unit for energy producers and consumers

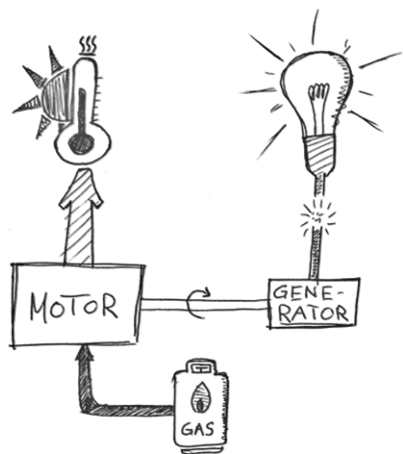


- Flexible standard solution for innovative energy supply solutions
- Multivalent energy supply control with freely configurable operating modes
- Consumer control for heating circuits and hot water
- Monitoring of the electricity side for demand-dependent operation of CHP and heat pump

# mephisto

Combined Heat and Power from 8 to 50 kWel



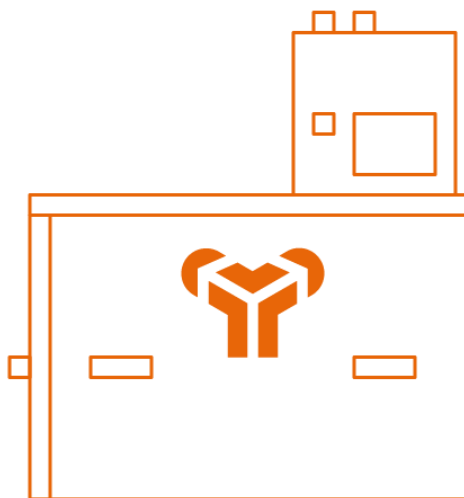


NG  
LPG

Bio  
GAS

H<sub>2</sub>  
ready

combined heat and power



Power



Heat

# Application examples



district heating /  
heating networks



local heating for  
public buildings



Business and industries  
with high electricity requirements



healthcare facilities



## Example: Residential Area in Gifhorn, Germany

- 144 apartments in 7 buildings
- Connected to local heat (& cooling) network
- Energy supply concept
  - Mephisto G50 CHP
  - Geothermal heat pump
  - Gas boiler



© image: Stadtwerke Gifhorn



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