



# Decentralized Power Plant Solutions

## Backbone of the energy transition

16.03.2026



## 2G Energy at a glance

- Founded 1995 - Headquarters in Heek in North West of Germany
- Solution provider  
(development, project engineering, production, service, financing)
- One of the leading CHP manufacturers worldwide  
20 – 4,500 kW electrical power
- Manufacturer of heat pumps
- Strong focus on R&D
- 19 national and international subsidiaries
- Since 2007 listed at the German stock market
- >1,000 employees
- 10,000 CHP plants in more than 60 countries worldwide



**CHP-Systems**




















**Gas2Power-  
Solutions**



**Heat Pumps**

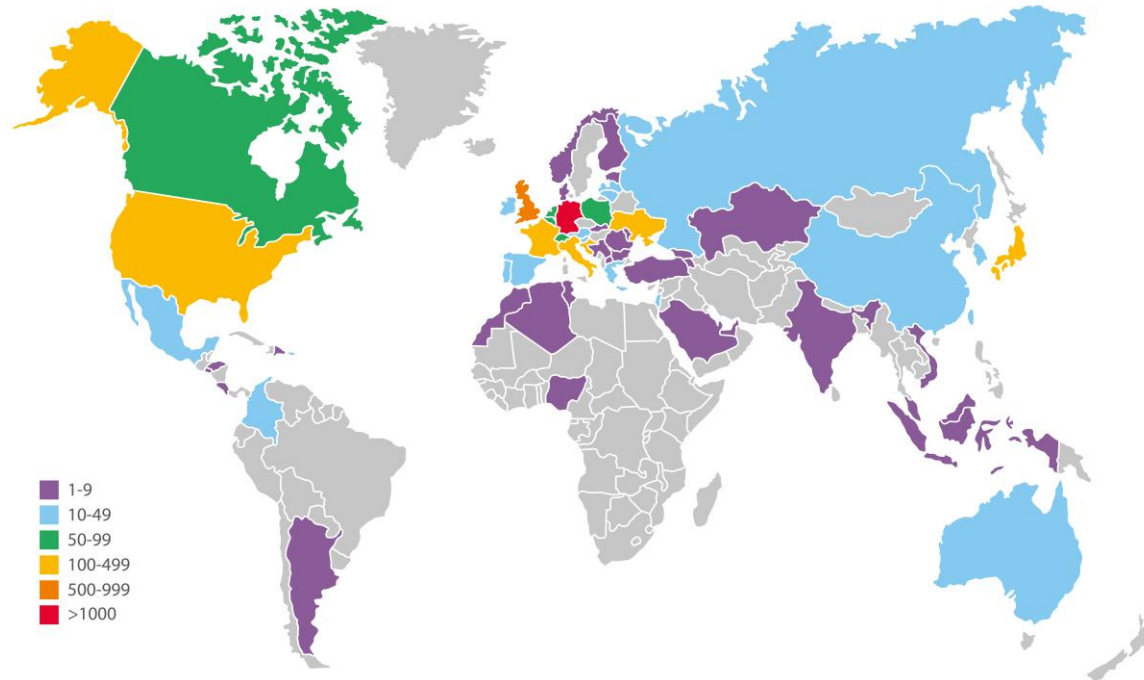


## 2G Group

 <b>2G Heek GmbH</b>	Heek	 <b>2G Italia Srl</b>	Verona
 <b>2G Energietechnik GmbH</b>	Heek	 <b>2G Energy Ltd.</b>	Sutton Weaver
 <b>2G Energy International GmbH</b>	Heek	 <b>2G Energy Inc.</b>	St. Augustine
 <b>2G Rental GmbH</b>	Hannover	 <b>2G Energy Corp.</b>	Fergus
 <b>2G Regional Mitte GmbH</b>	Schweinfurt	 <b>2G Energie SAS</b>	Nantes
 <b>ServioTec GmbH</b>	Hennigsdorf	 <b>NRGTEQ B.V.</b>	Rosmalen
 <b>HJS-Motoren GmbH</b>	Amtzell	 <b>2G Solutions SL</b>	Barcelona
 <b>KWK-Tec GmbH</b>	Mendig	 <b>2G Polska Sp zoo</b>	Bielsko-Biala
 <b>Celsius &amp; Watt</b>	Merelbeke-Melle		



## 2G CHP Installations

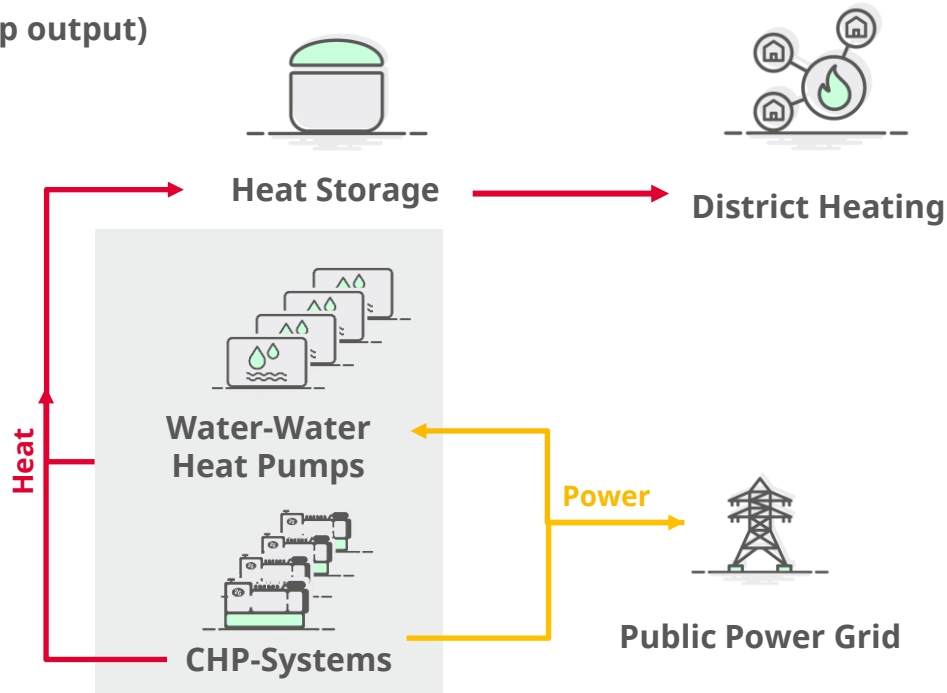


# Example of a decentralized turnkey solution: Heat Pump + CHP / GREEN CUBE

iKWK in Papenburg (10 Mwe CHP + 3.5 MW heat pump output)

Enough Renewables: Heat Pump Operation

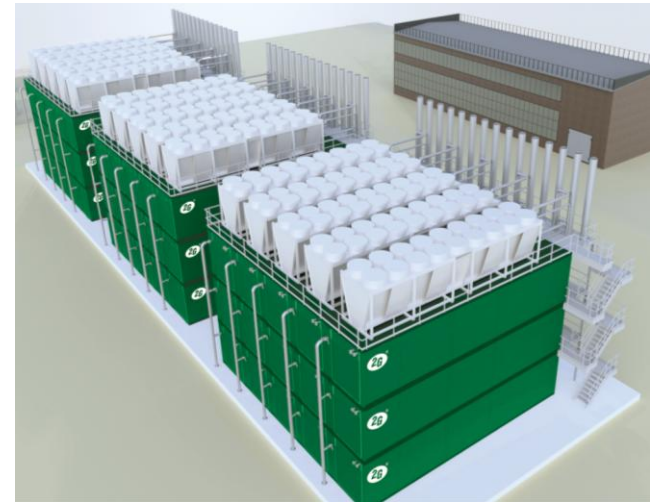
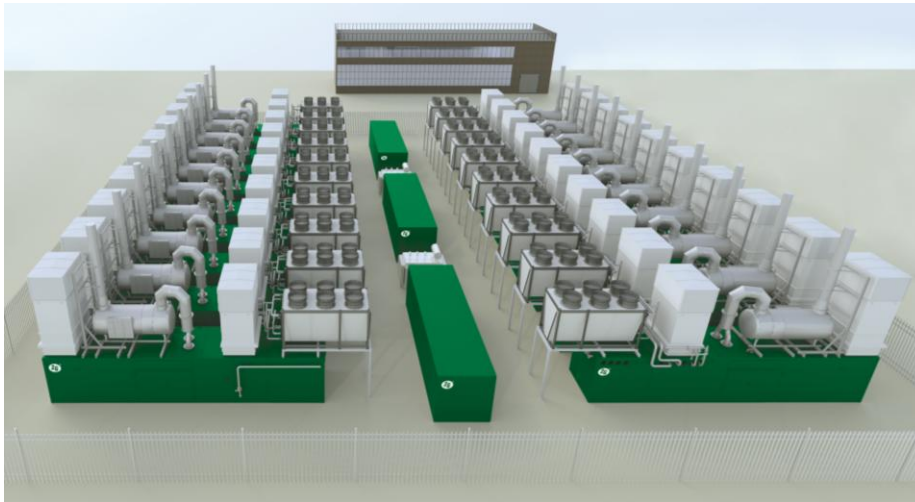
Not enough Renewables: CHP Operation



## Example Plug and Play – Container solutions 50 kW - >200 MW

Global demand for rapidly available, modular power plant solutions is rising sharply, particularly:

- Backup power plants for grid stabilization
- Off-grid solutions for primary power supply for data centers due to lack of grid access



## Economic importance of decentralized concepts

- Innovation and growth potential for European Industry
- Increased independence on global energy markets
- Increased attractiveness for investors
- Smart energy concepts and successful sector coupling as export successes
- Securing and creating jobs in Europe
- Industry generating innovation and positive news
- Securing the power supply for cloud/AI models in Europe



## BUT ALSO: Increasing global competition for capacity

- Rapidly growing demand for data centers
- Electrification of the heating sector
- Electrification of the mobility sector
- Industrial growth in emerging economies
- Decarbonization of power generation

→ high demand for short-term power generation capacity → including:

- Gas engines
- Generators
- etc.



Speed of implementing the energy transition in/for Europe vs. export opportunities for SMEs!?!?



## Current activities in Ukraine



**~150 combined CHP-Systems since 2024**

**Main applications:**

- Heating plants of local energy providers
  - Schools
  - Hospitals



**On-site installation by 2G:**

- Partner training in Heek, Germany
- Operator training online and locally in Ukraine





**Thank you very much  
for your attention**