



Biogas Infotage Ulm  
Ulm | 01. Februar 2024  
Thomas Bruderhofer | [sales@reverion.com](mailto:sales@reverion.com)



 Reverion



Starkes Team von  
81 Mitarbeitern –  
stetig wachsend



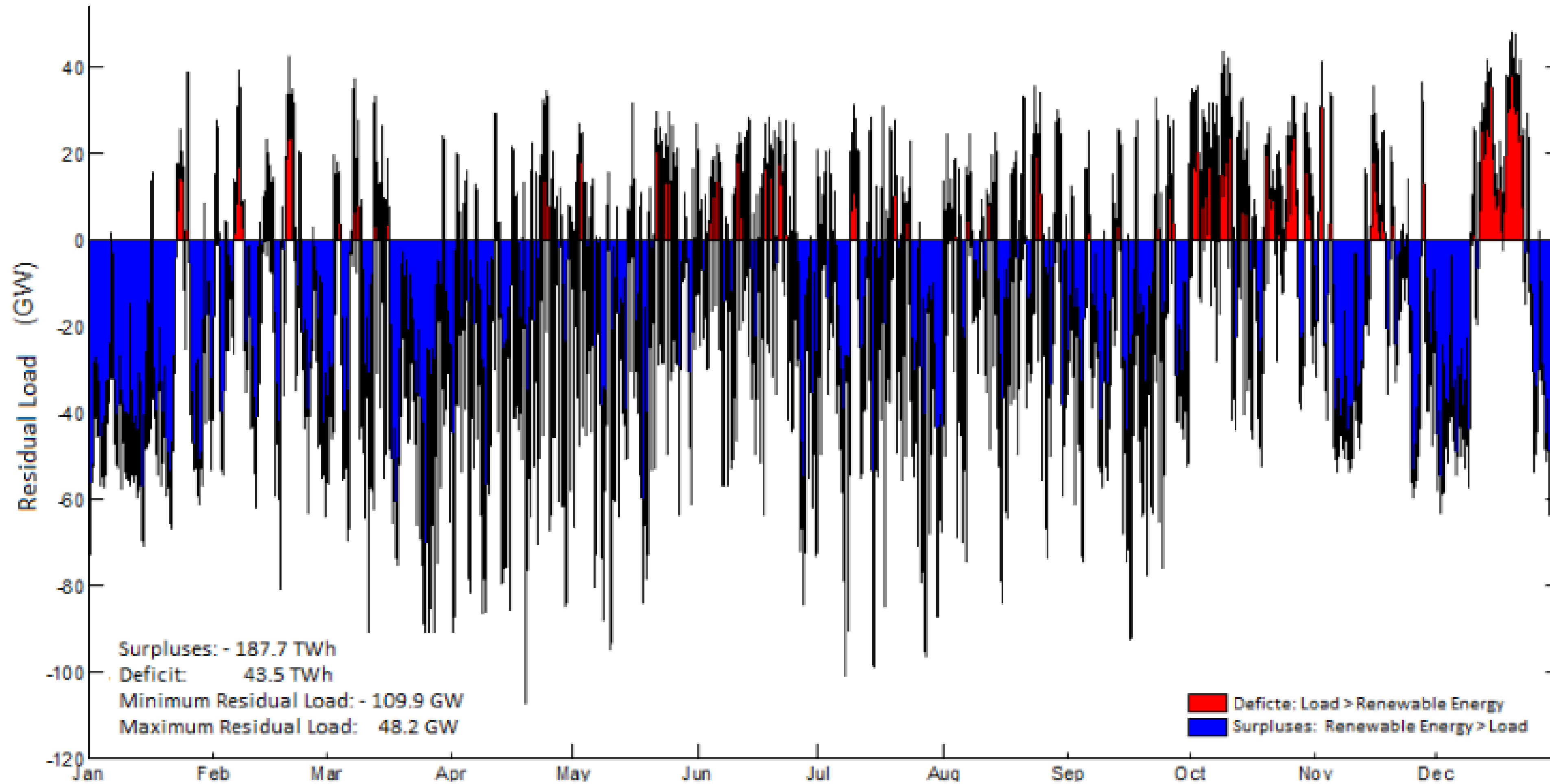
Über 35 Jahre  
Teamerfahrung mit  
Brennstoffzellen



400 m<sup>2</sup>  
Produktionsfläche

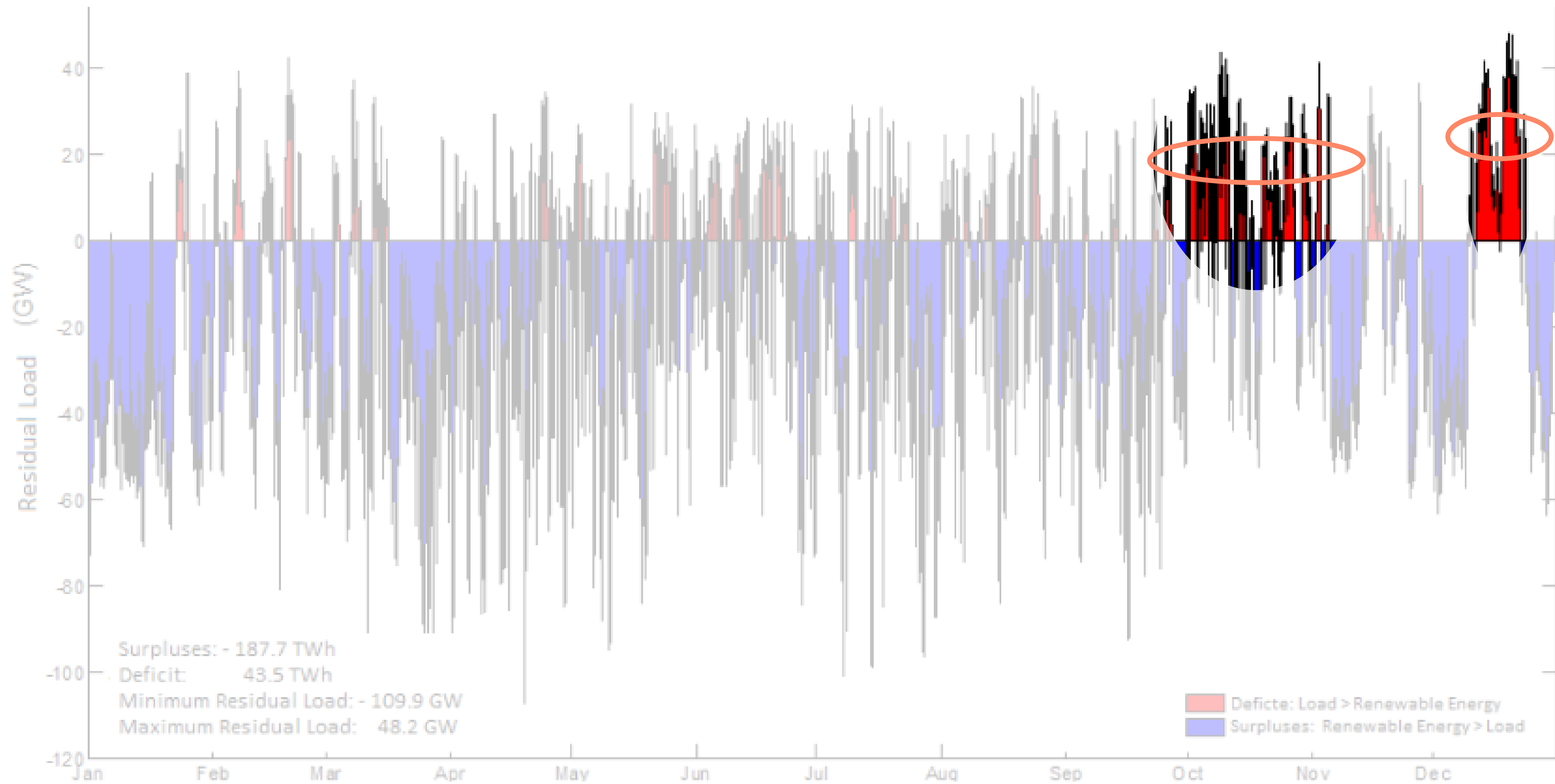
# SZENARIO

100 % erneuerbarer Strom im Jahr 2050



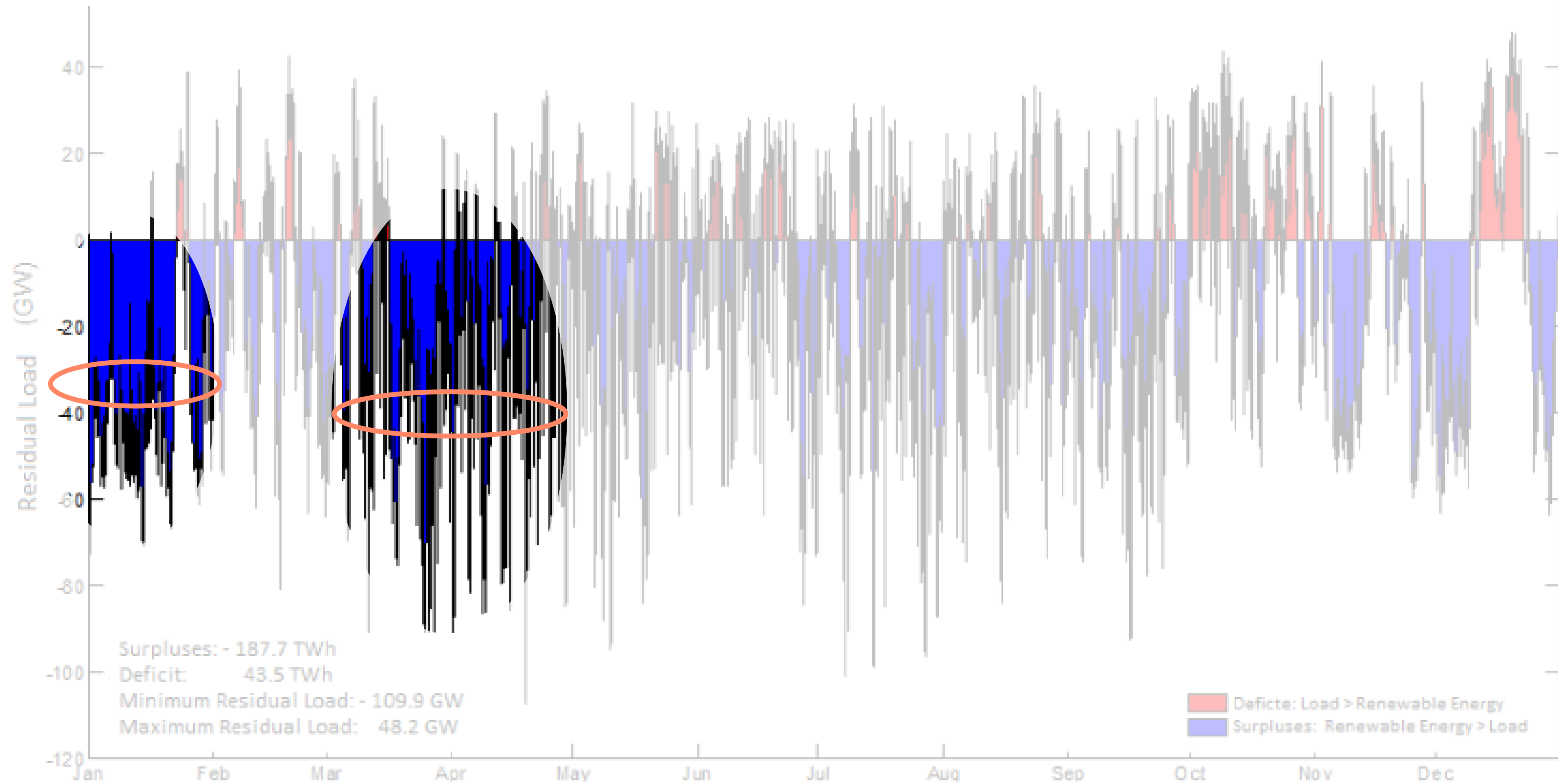
# SZENARIO

## 100 % erneuerbarer Strom im Jahr 2050



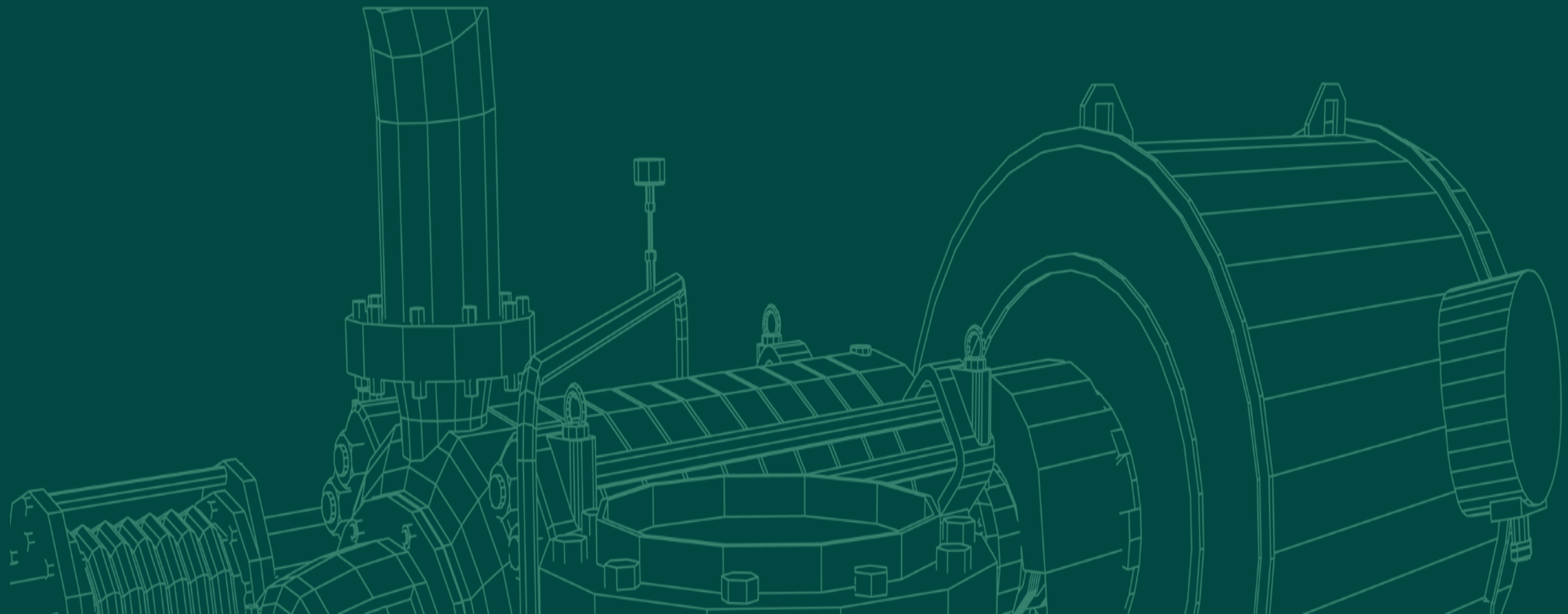
# SZENARIO

## 100 % erneuerbarer Strom im Jahr 2050

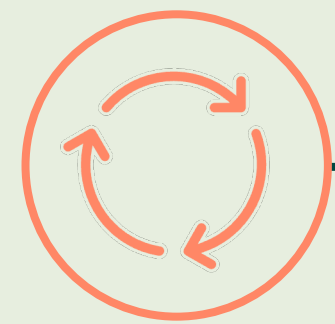


# WAS WÄRE, WENN DAS KRAFTWERK HEUTE ERFUNDEN WORDEN WÄRE?

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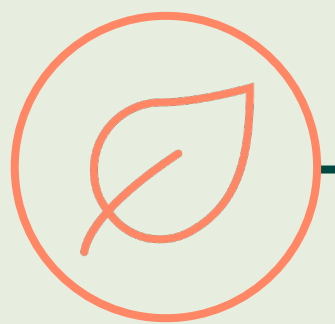


# DER GAMECHANGER



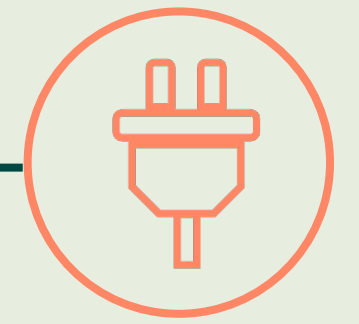
80 % EFFIZIENZ

REVERSIBEL



CO<sub>2</sub>-NEGATIV

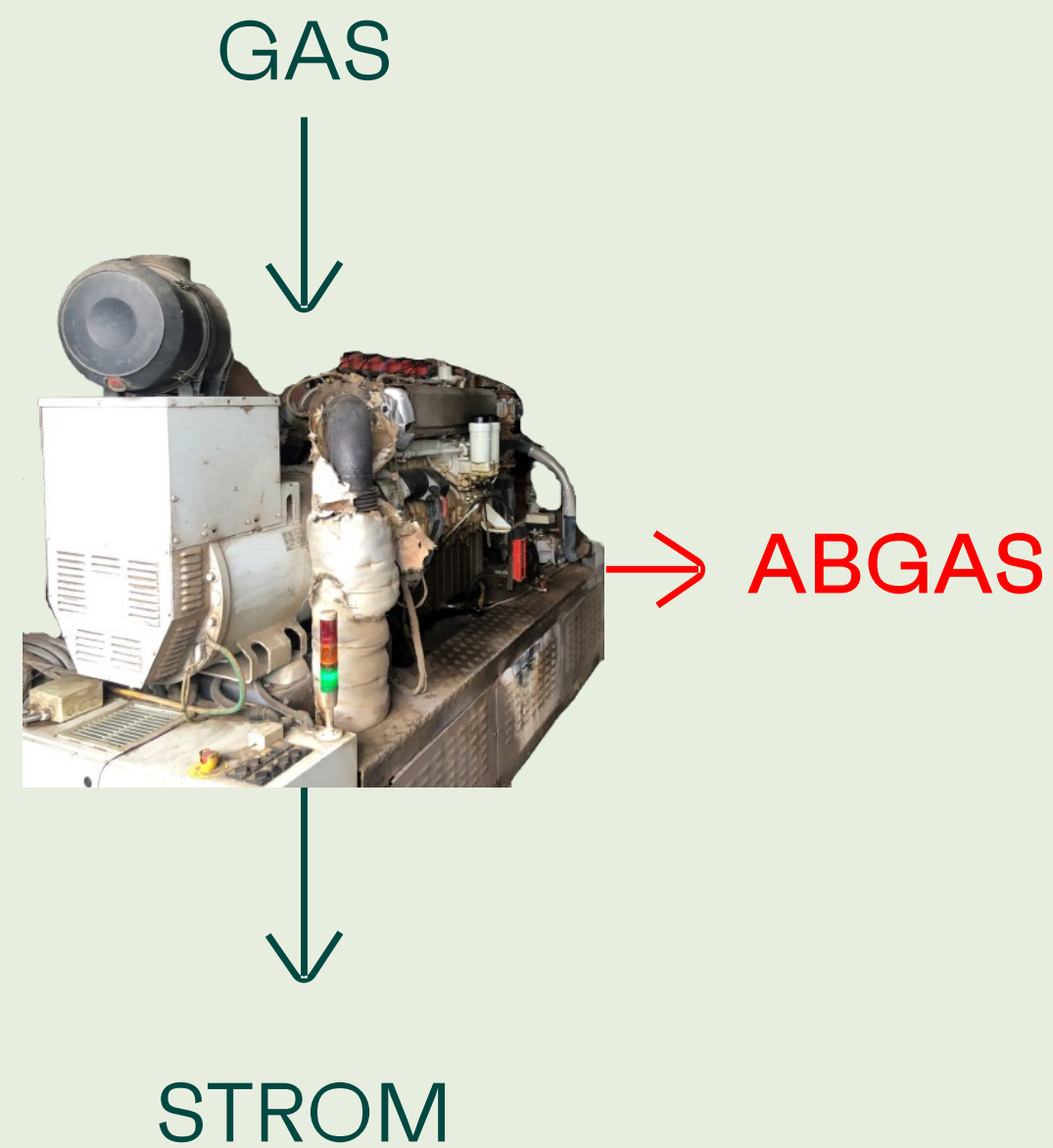
PLUG & PLAY



# VERGLEICH DER TECHNOLOGIEN

## ICE

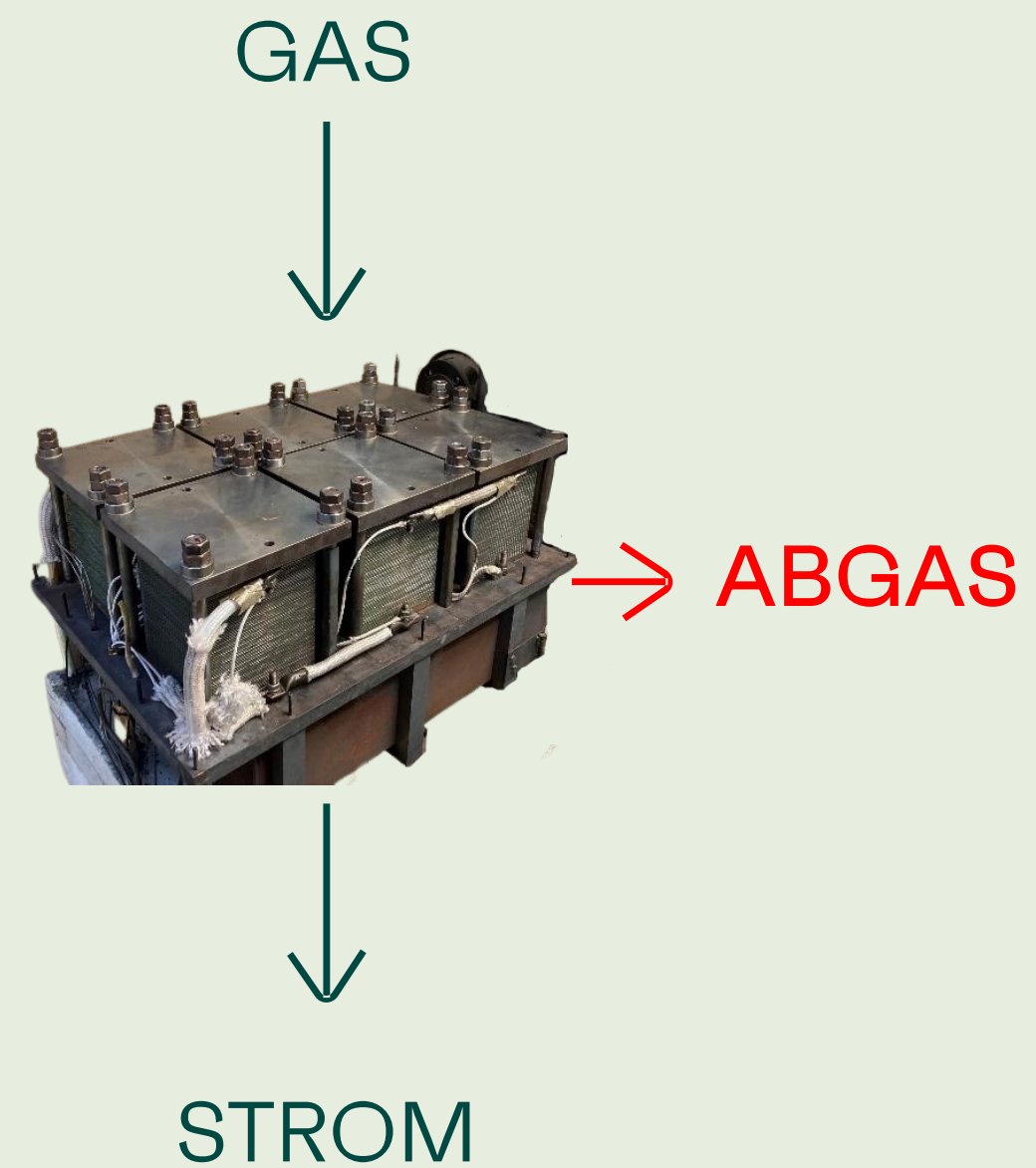
INTERNAL COMBUSTION ENGINE



<40%

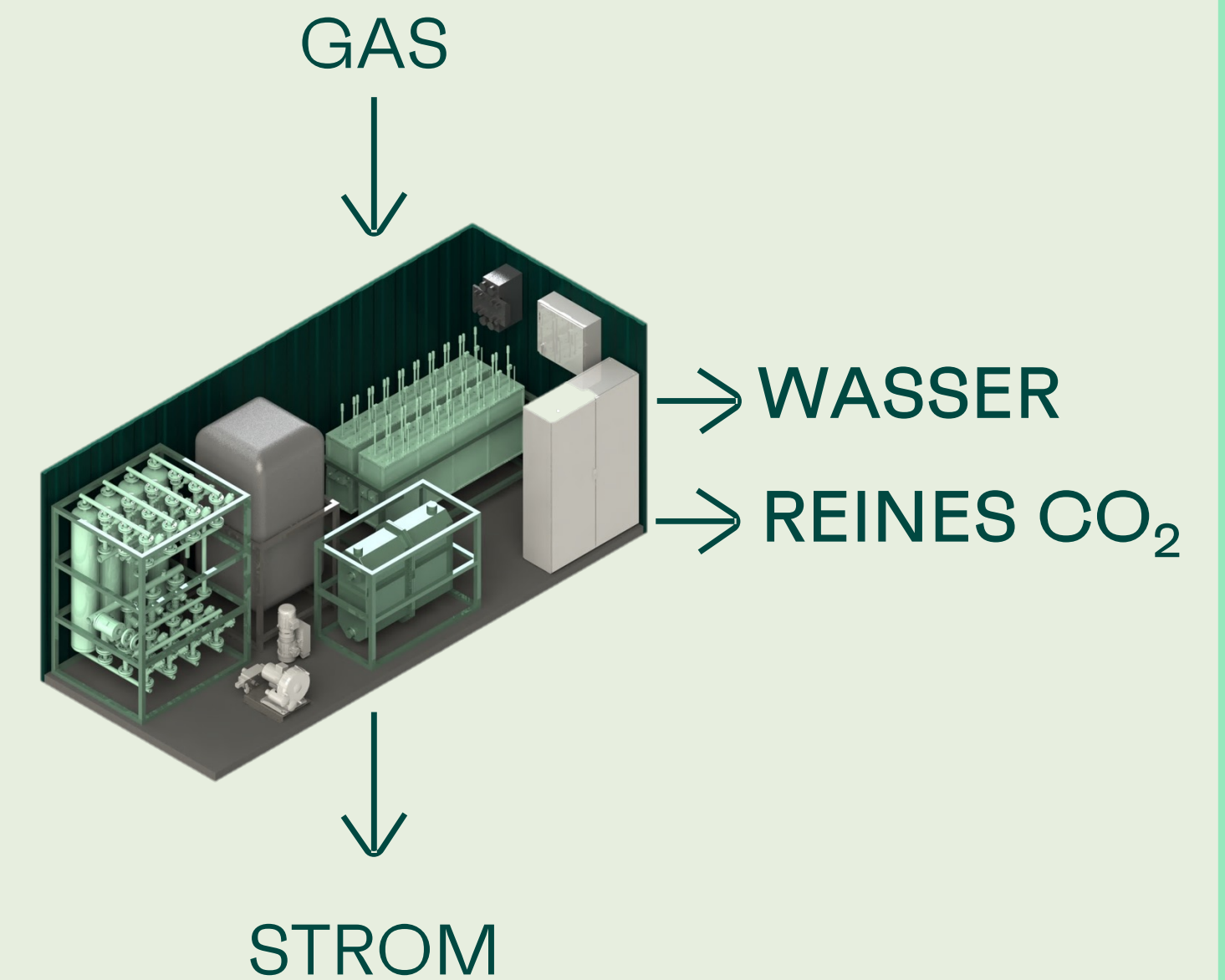
## SOC

SOLID OXIDE CELLS



<60%

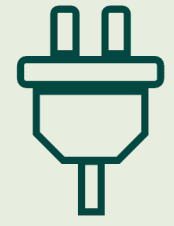
## Reverion



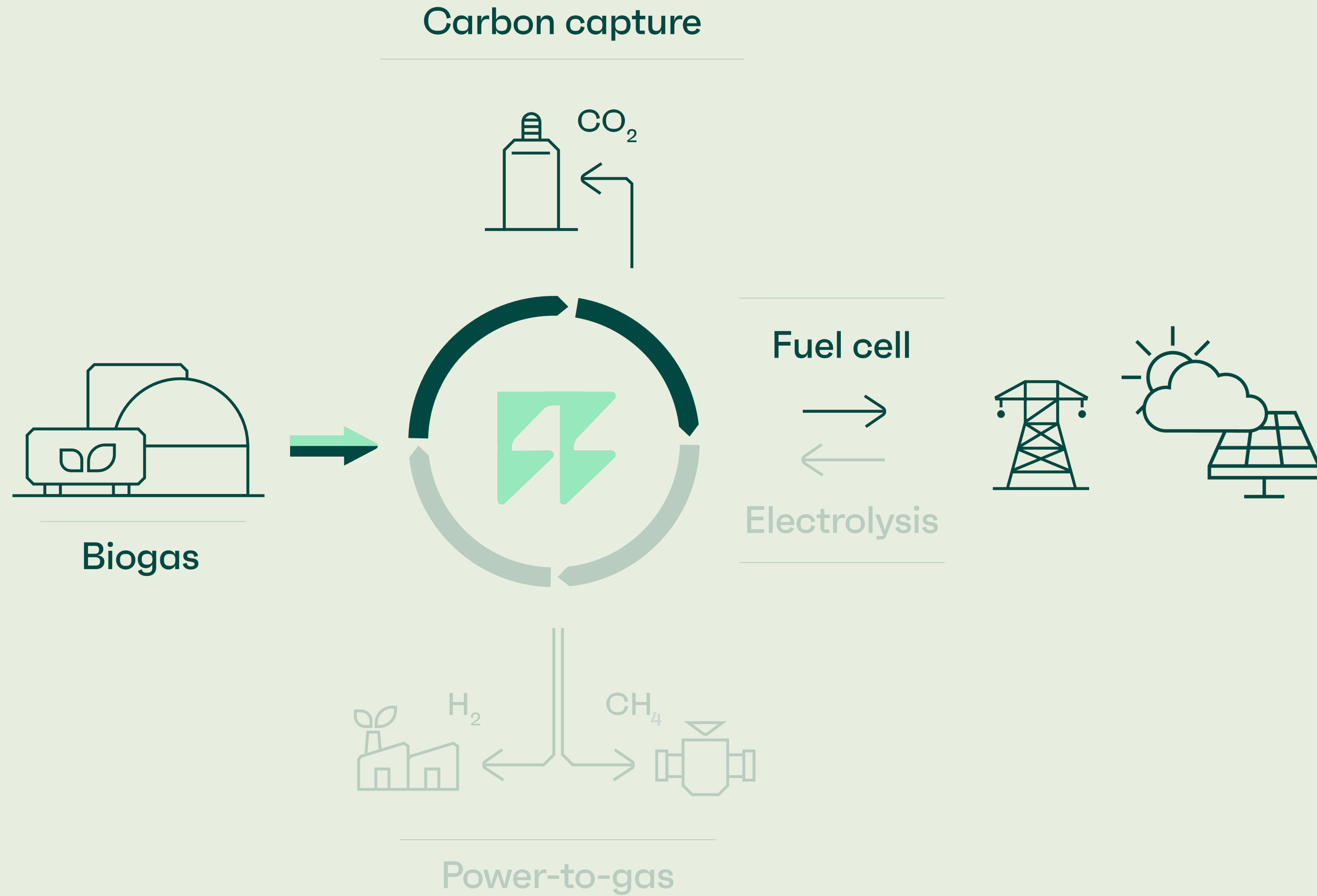
80%



# REVERSIBLER BETRIEB



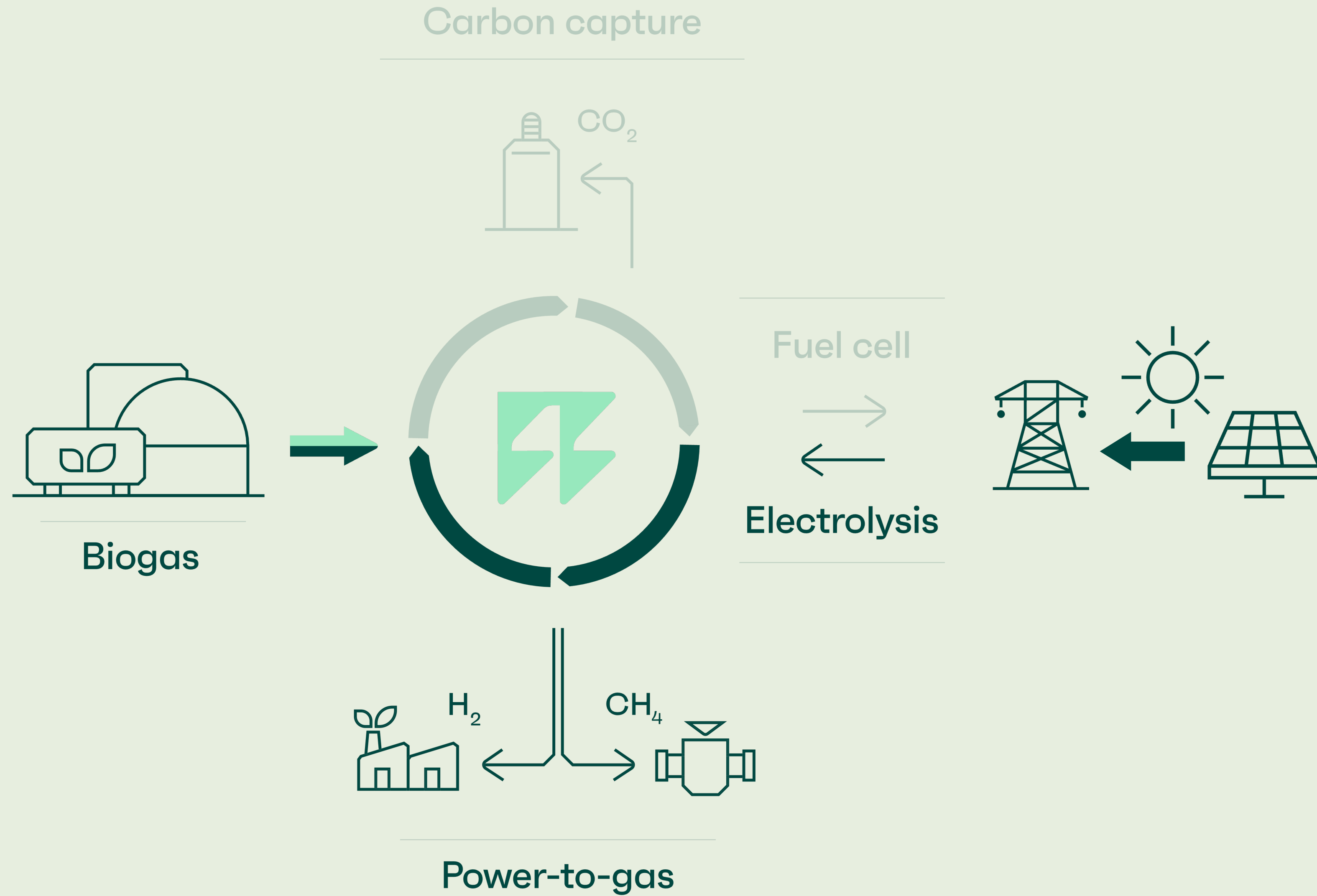
**STROMERZEUGUNG**



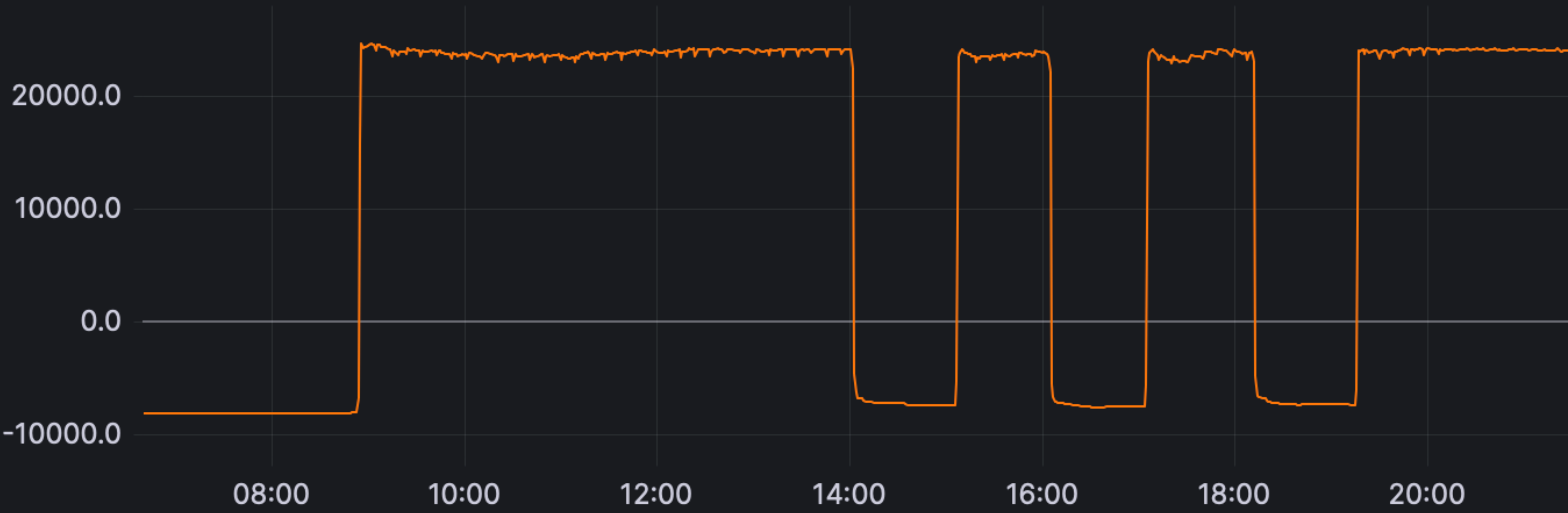
# REVERSIBLER BETRIEB



**ENERGIESPEICHERUNG**



# Netzteil ▼

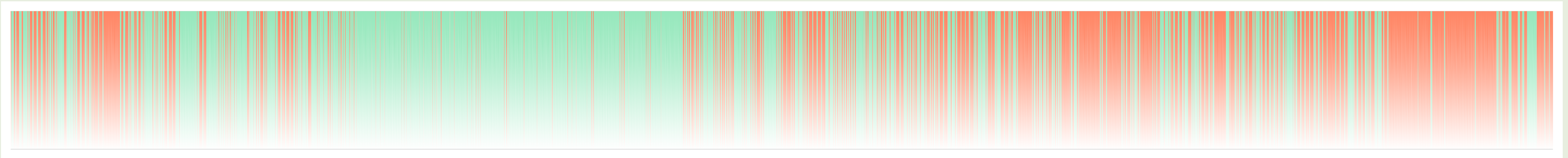


N1\_DcCurrentSet   N1\_DcVoltSet   N1\_IRms   N1\_PRms   N1\_VRms

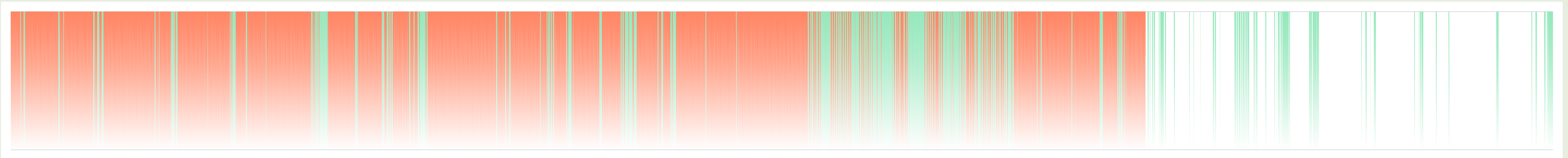


# REVERSIBLE OPERATION

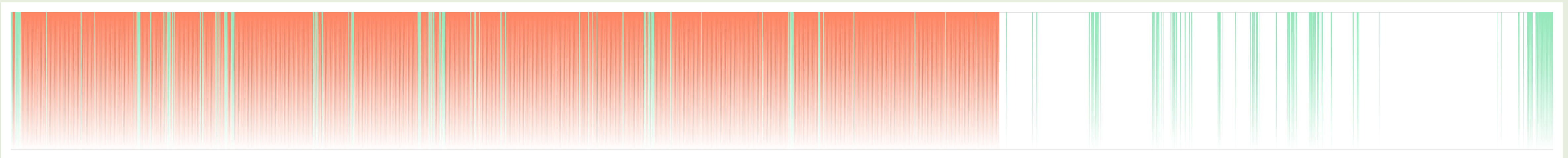
2020



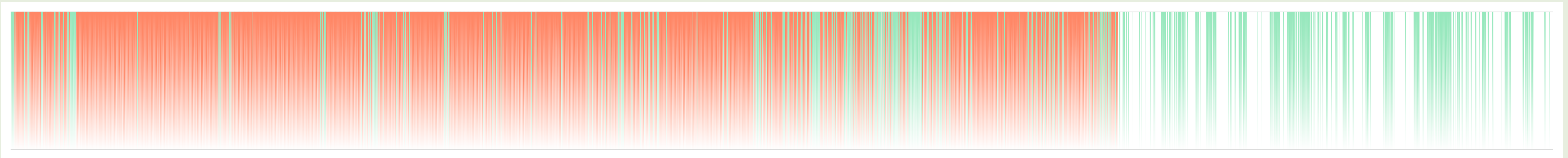
2021



2022



2023



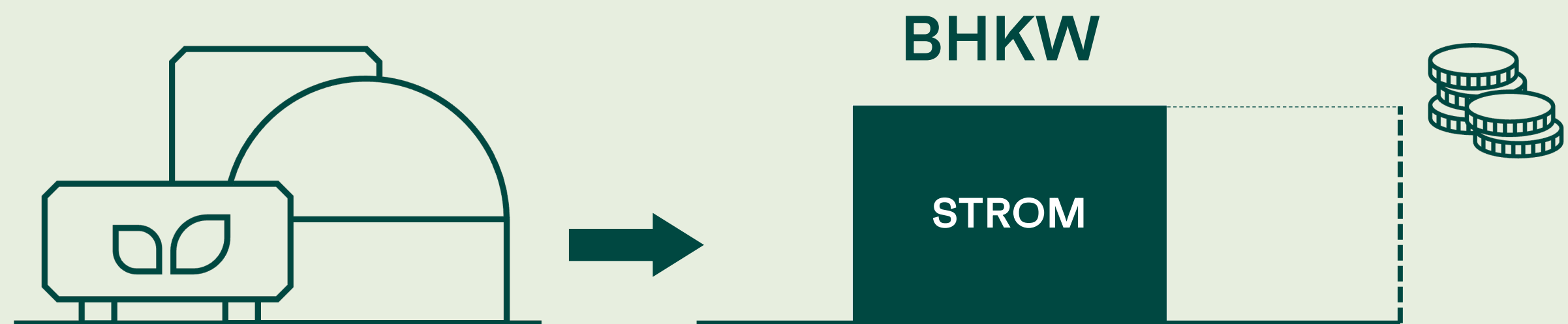
**STROMERZEUGUNG**



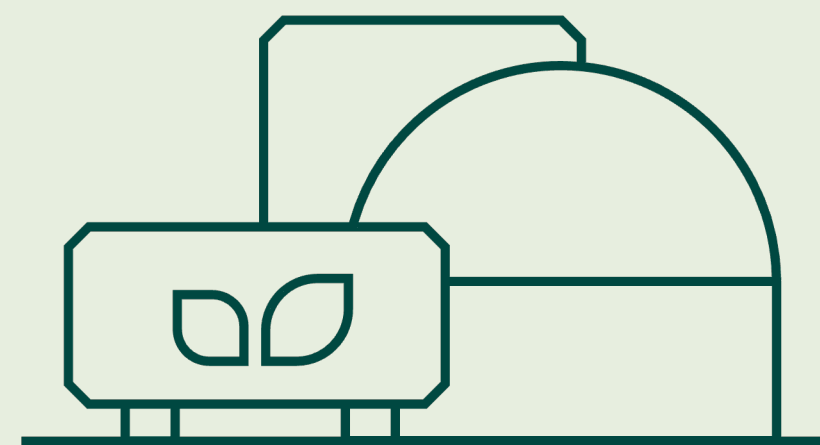
**ENERGIESPEICHERUNG**



# VORTEILE FÜR BETREIBER



# VORTEILE FÜR BETREIBER



BHKW

STROM

x2

x5

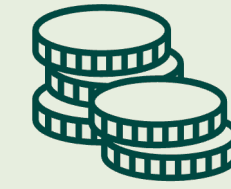
Reverion

CO<sub>2</sub>

CH<sub>4</sub>

SRL/MRL

STROM





Verion



READY

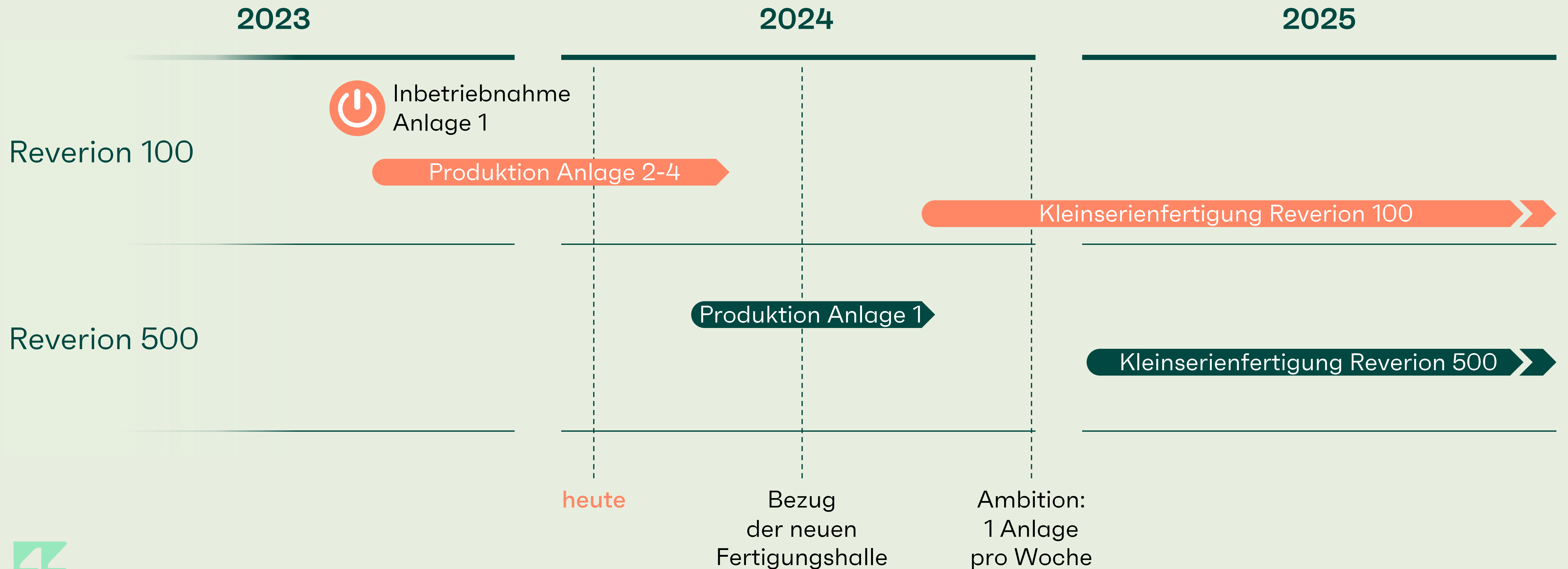
TO

SCALE

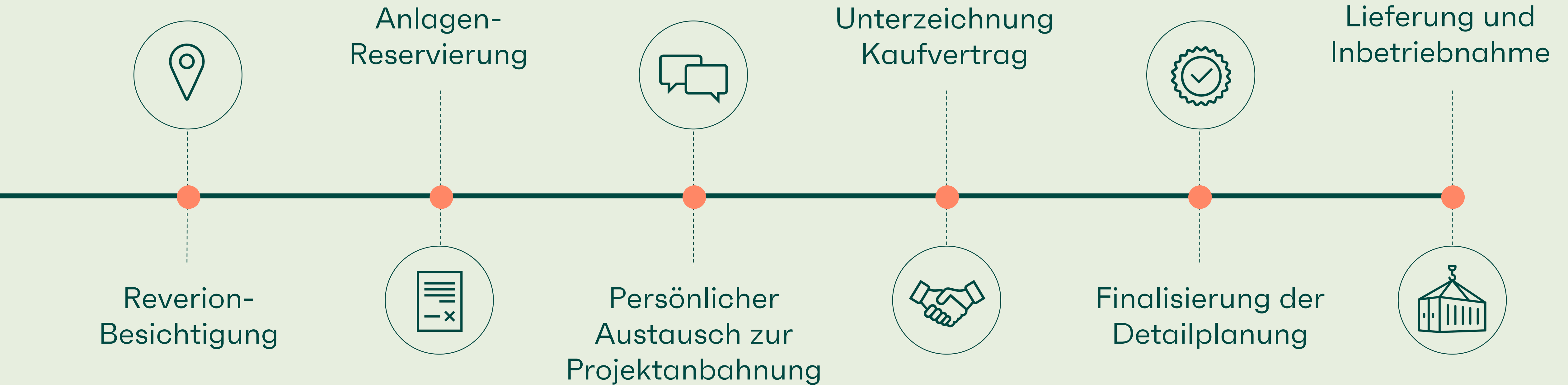




# Die Reverion Kleinserienfertigung startet in 2024



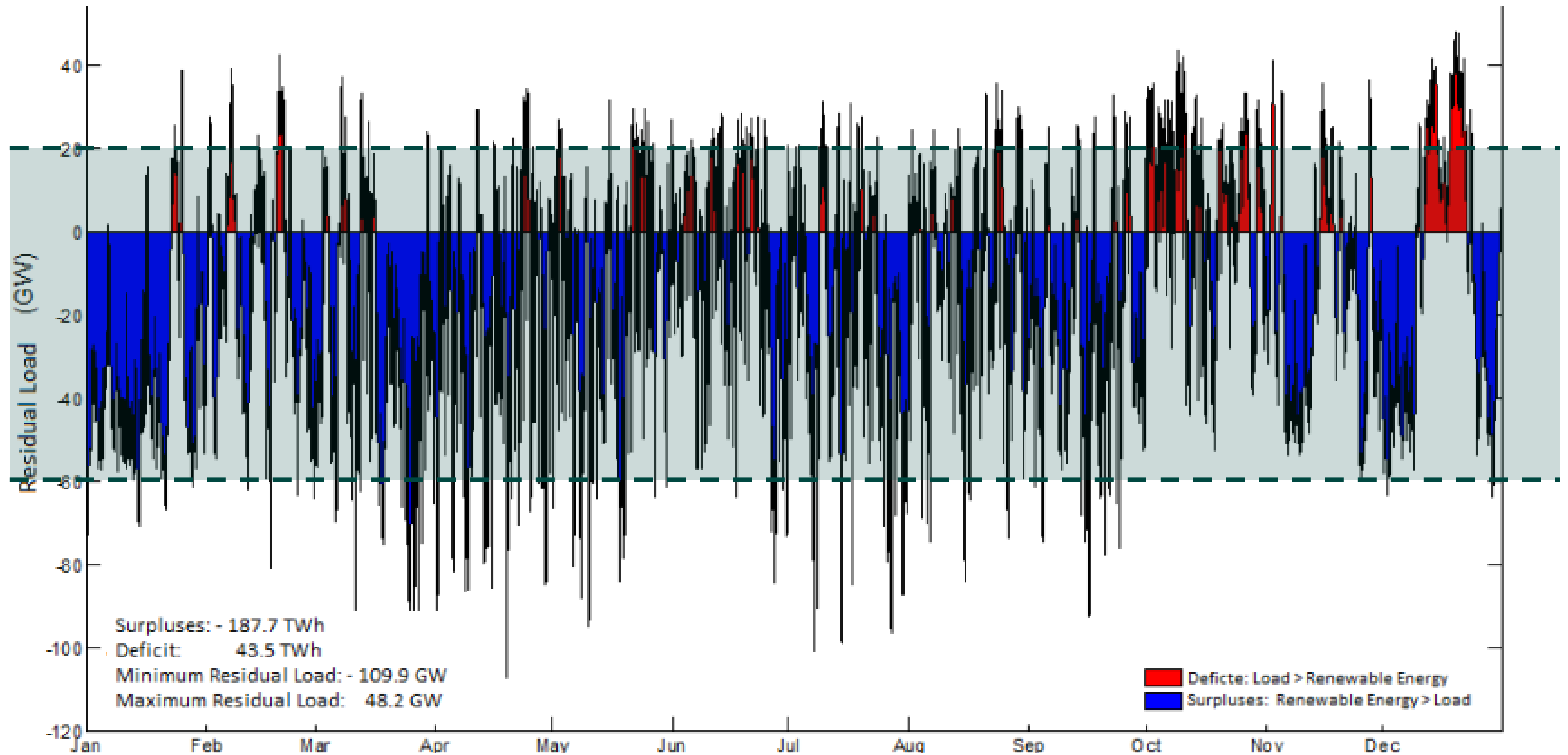
# Gemeinsam mit Ihnen zur Projektrealisierung



# HERAUSFORDERUNG ANGENOMMEN

100 % erneuerbarer Strom im Jahr 2050

Reverion



Quelle: Fraunhofer IEE, StEnSea – Storing Energy at Sea  
IEE-calculation for UBA Energy goal 100% electricity from RE

# UNSERE MISSION

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**100%** climate positive power  
flexible • decentralized • efficient

 Maximilian Schmitt  
 [sales@reverion.com](mailto:sales@reverion.com)  
 <https://reverion.com>

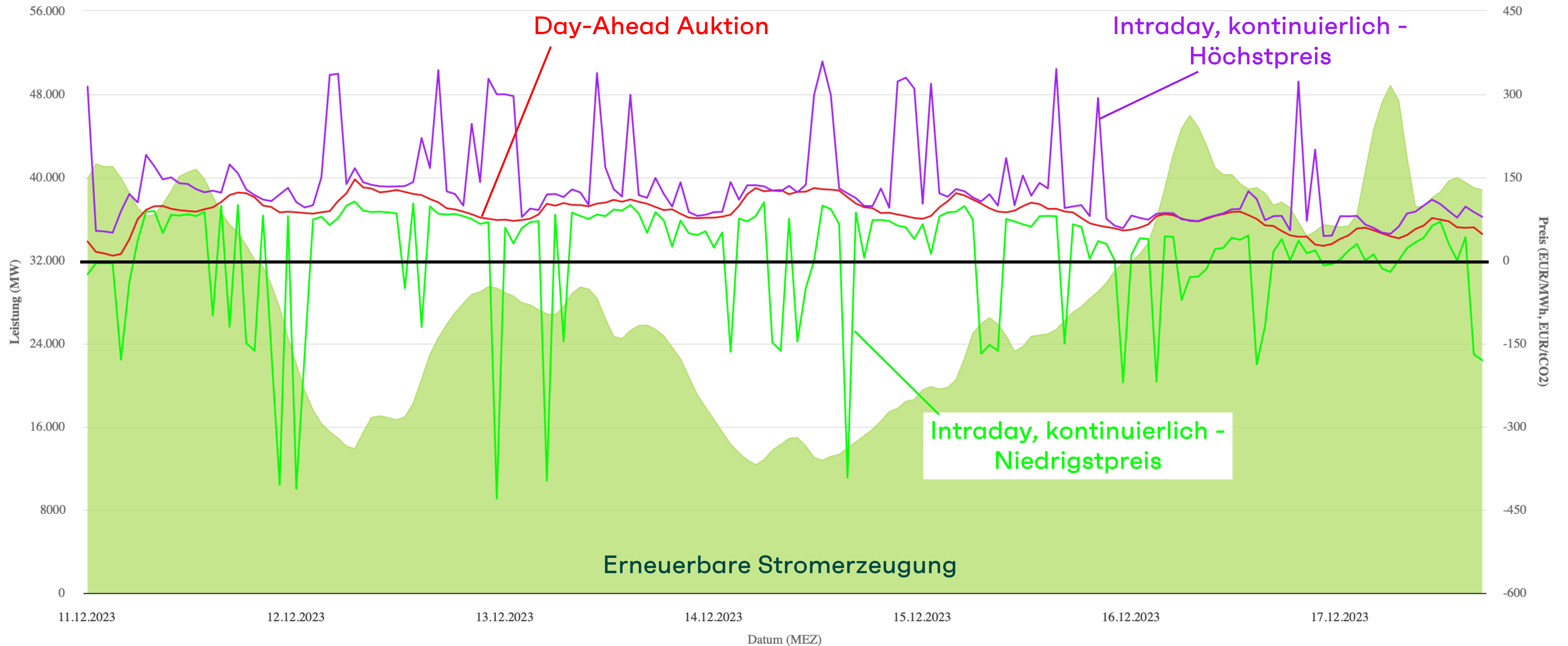


Superior

WARNING  
Voltage 250V AC  
Power 1000W

# STROMPREISE

Stromproduktion und Börsenstrompreise in Deutschland in Woche 50 2023



# Stromerzeugung

100 kW Anlage

Sonstige Emissionen

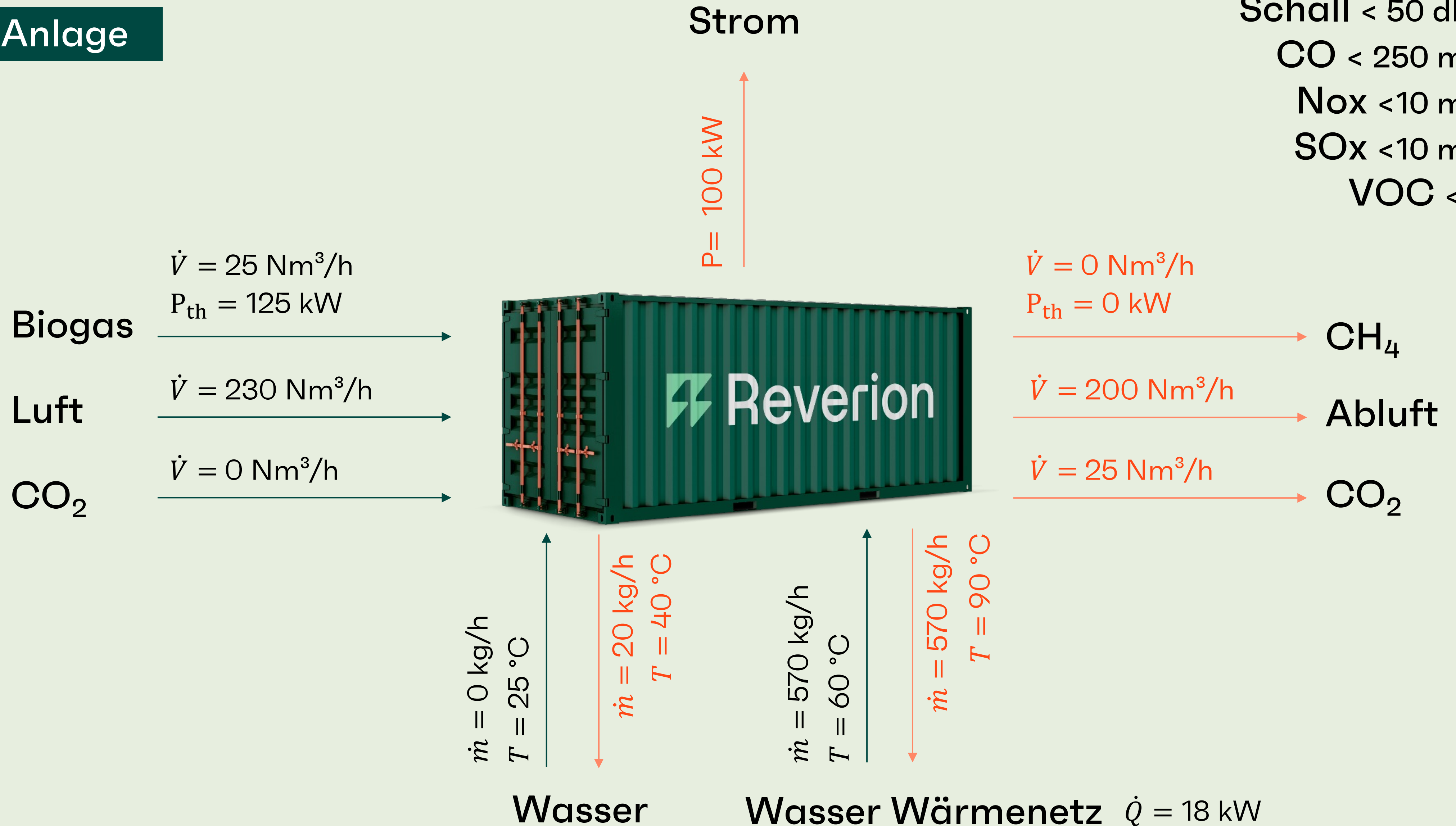
Schall < 50 dB in 1 m

CO < 250 mg/Nm<sup>3</sup>

Nox < 10 mg/Nm<sup>3</sup>

SOx < 10 mg/Nm<sup>3</sup>

VOC < 10 ppm



# Elektrolyse

100 kW Anlage

