

A large, white iceberg floats in the dark blue ocean. The iceberg has a jagged, snow-capped mountain peak in the background. The sky is clear and blue. The text is overlaid on the top left and bottom of the image.

ALCANTARA
VENICE
FEBRUARY 7, 2019

ALEXANDER VOIGT

„POLICY MAKERS AND INNOVATION“



THE GLOBAL GOALS

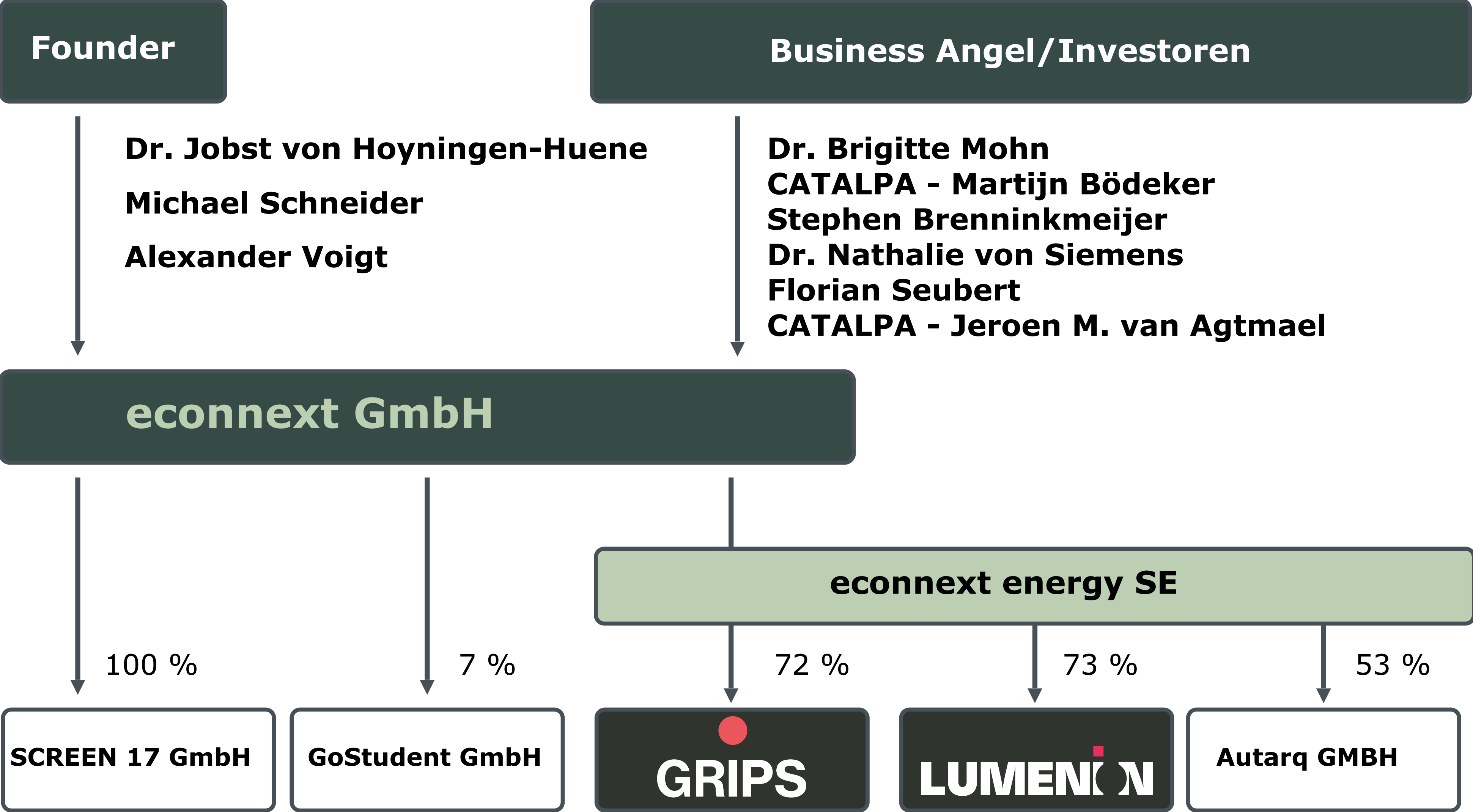
For Sustainable Development



„THE AGENDA IS OUR SHARED PLAN TO TRANSFORM THE WORLD IN FIFTEEN YEARS AND, CRUCIALLY, TO BUILD LIVES OF DIGNITY FOR ALL.“

António Guterres
Secretary-General of the United Nations

ECONNEXT GROUP – ORGANISATION AND PEOPLE



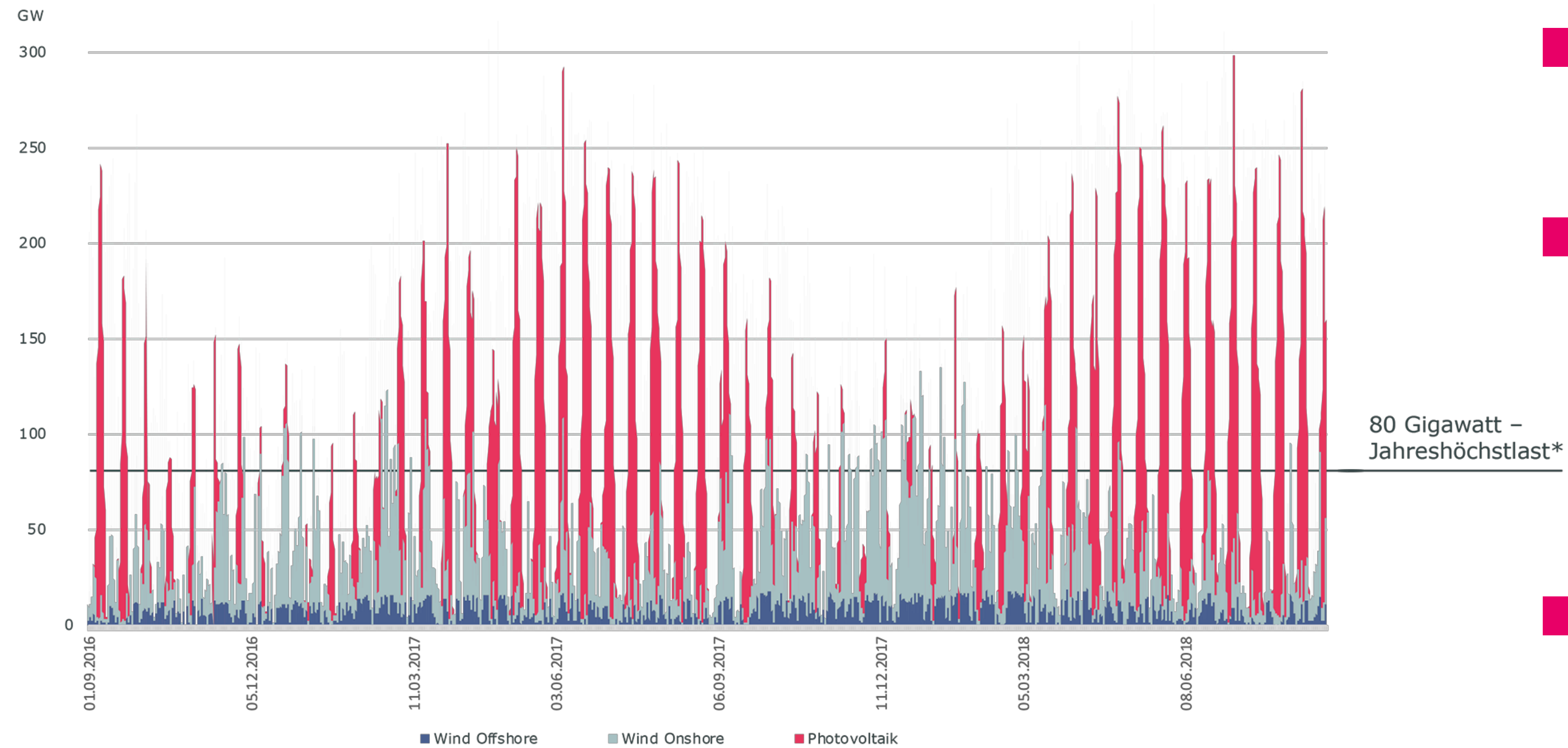
LUMENION – HIGH TEMPERATURE STORAGE



Lumenion was founded in 2015 in Berlin and develop high temperature grid scale storage systems to deliver heat and electricity to industries, public utilities and communities – reliably and sustainably.

FLUCTUATING RENEWABLE GENERATION

24 MONTHS GENERATION PROFILE

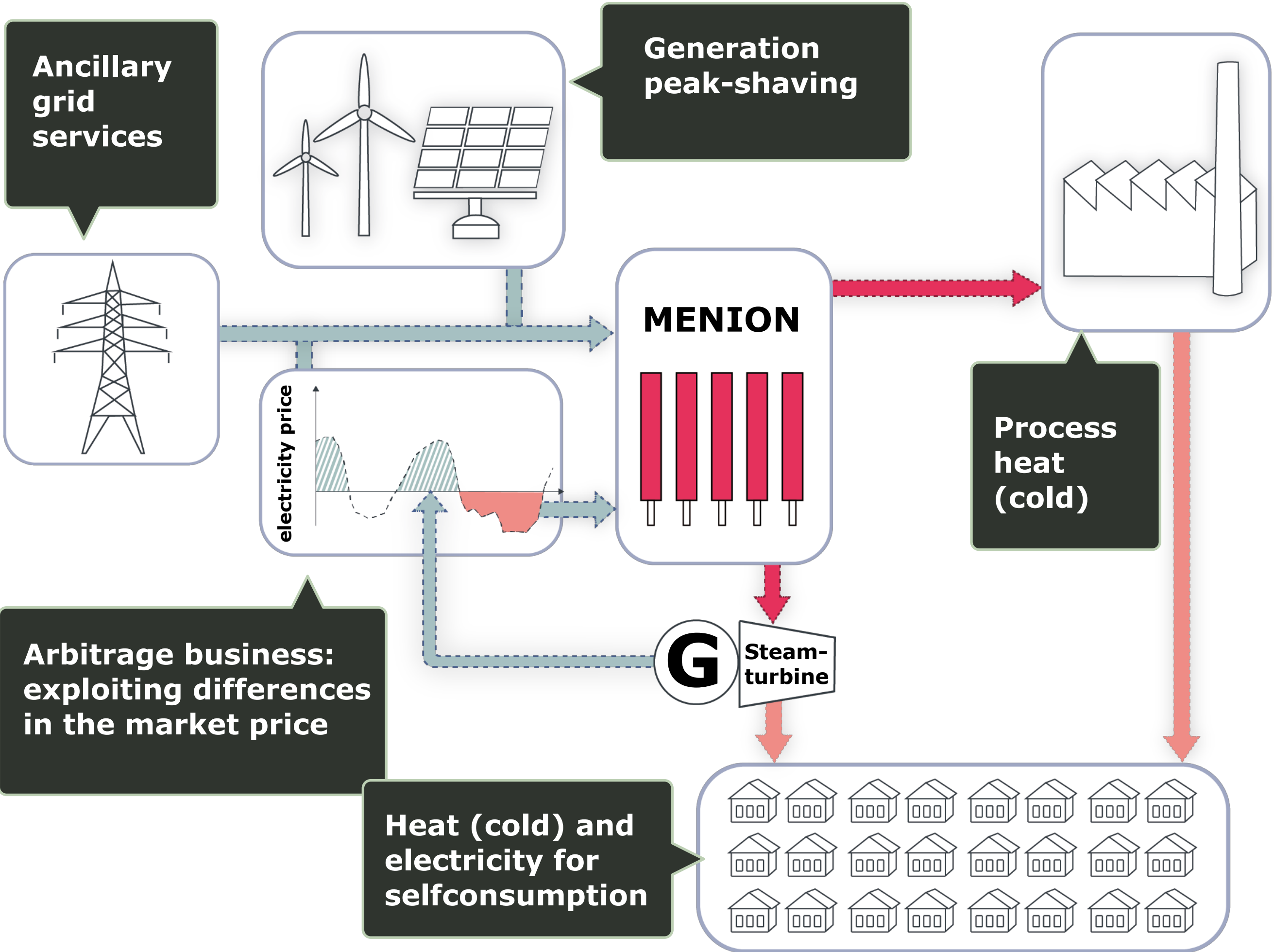


- 380 GW PV, 160 GW onshore Wind & 20 GW Offshore Wind
- Curtailment of renewable electricity leads to considerable losses in income in systems with a majority of renewables
- for using **renewables** we **need storage**

HIGH TEMPERATURE STORAGE BUSINESS OPPORTUNITIES

ELECTRICITY SECTOR

HEAT SECTOR



- Storing of energy **thermally**
- At **650°C** in **storage medium steel**
- Charging for 8h out of 48h allows us to continuously supply thermal energy with temperature level of 80-550°C for **approximately 48 hours**
- Charging to discharging ratio of 1-5 to 3-5 depending on application
- 2 modes of usage:
Power-2-Heat or
Power-2-Heat & Power

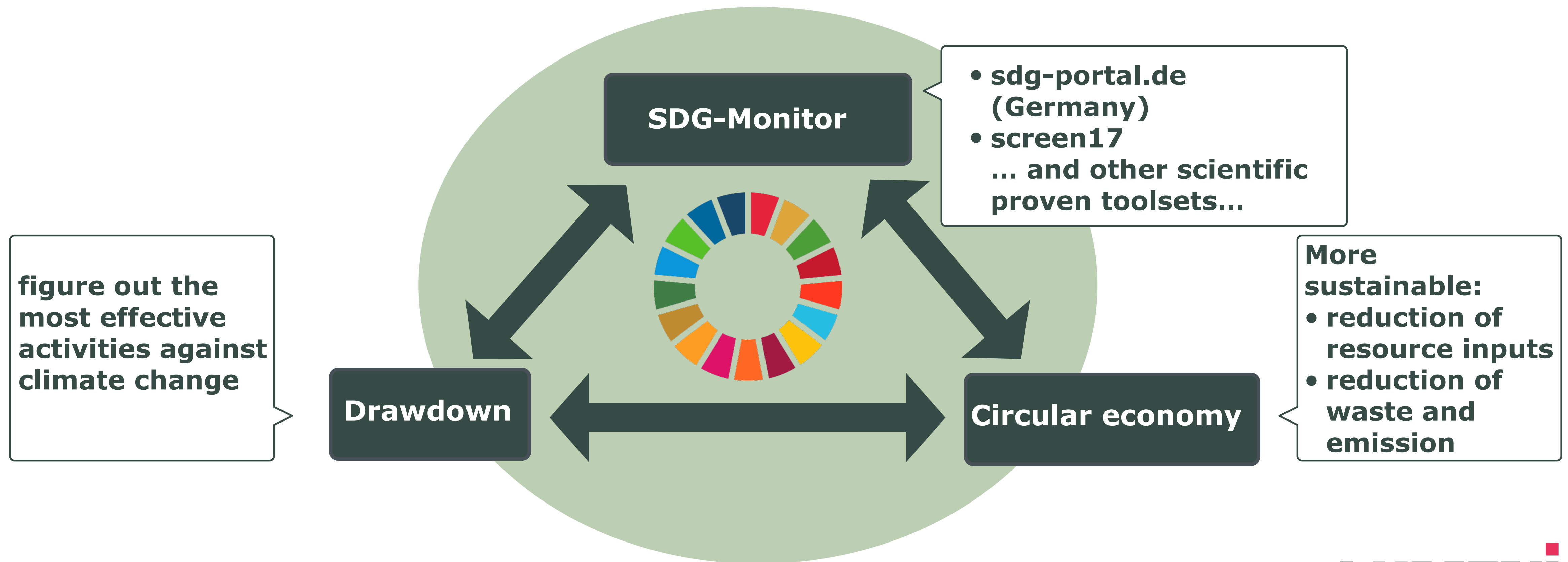
GRIPS – GLOBAL RENEWABLE INDEPENDENT POWER SUPPLIER



GRIPS supplies commercial and industrial energy consumers with reliable, competitively priced and renewable-focused energy. The activities foster economic growth and contribute towards CO₂ reduction worldwide.

NEXT STEPS TO REACH THE SDG'S

- To reach goals we have **to figure out** how to connect **activities to have the strongest impact**
- we have to **measure the results with agreed metrics**
- Competition on regional and Community level will bring the movement forward



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