

The background image shows a row of white NAS battery storage containers in the foreground, with solar panels in front of them. In the background, several wind turbines are visible against a clear blue sky. The text is overlaid on a semi-transparent blue rectangle in the upper right portion of the image.

Stationary Energy Storage: NAS[®] Battery - a proven and reliable system

Dr. Heike Pfistner
Ludwigshafen am Rhein | May 2021



**ENERGY
STORAGE**

BASF 2020 at a glance

We create chemistry for a sustainable future

Our chemistry is
used in
**almost all
industries**

Number of
employees
110,302

Sales
€59.1B

EBIT before
special items
€3.6B

6 Verbund sites
and
**241 other
production sites**

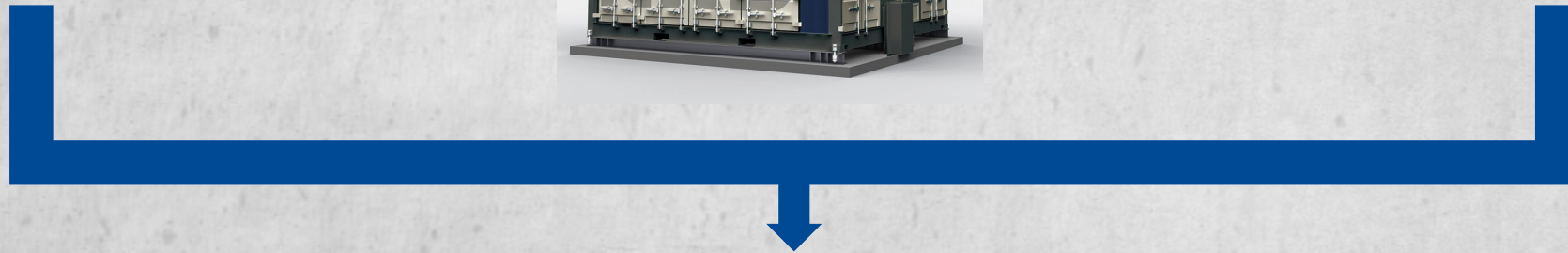
Around
**90,000
customers**

We combine
**economic success,
social responsibility** and
environmental protection

2

Joint forces for a bright future

Strategic cooperation on sodium-sulfur (NAS[®]) batteries



3

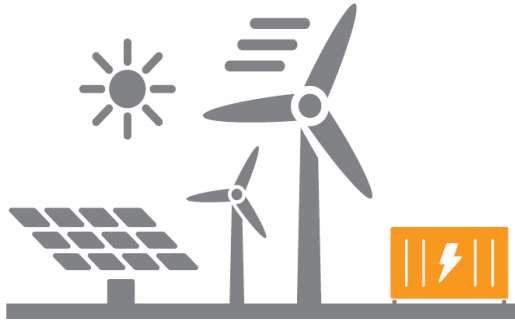
April 2019
Sales
partnership
agreement

June 2019
Joint
development
agreement

Wide range of applications

NAS[®] Batteries in various energy market segments

Power generation



Grid solutions



Consumers



Microgrids

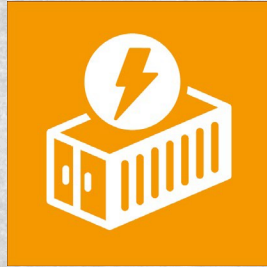


4

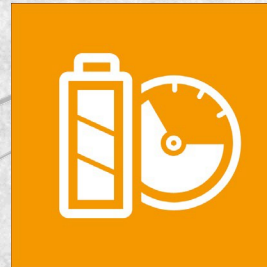
An array of superior features

NAS[®] batteries: Designed for stationary energy storage

high energy / compact



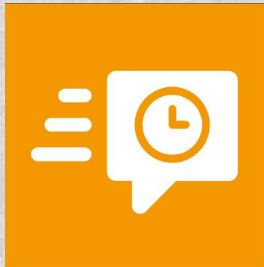
long duration



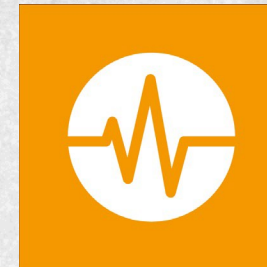
safe & reliable



fast response



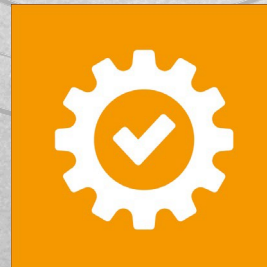
long lifetime



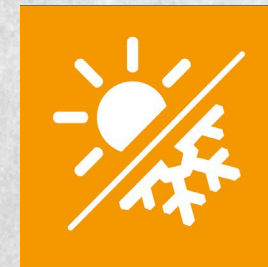
environmentally benign



low maintenance



climate resilient



5

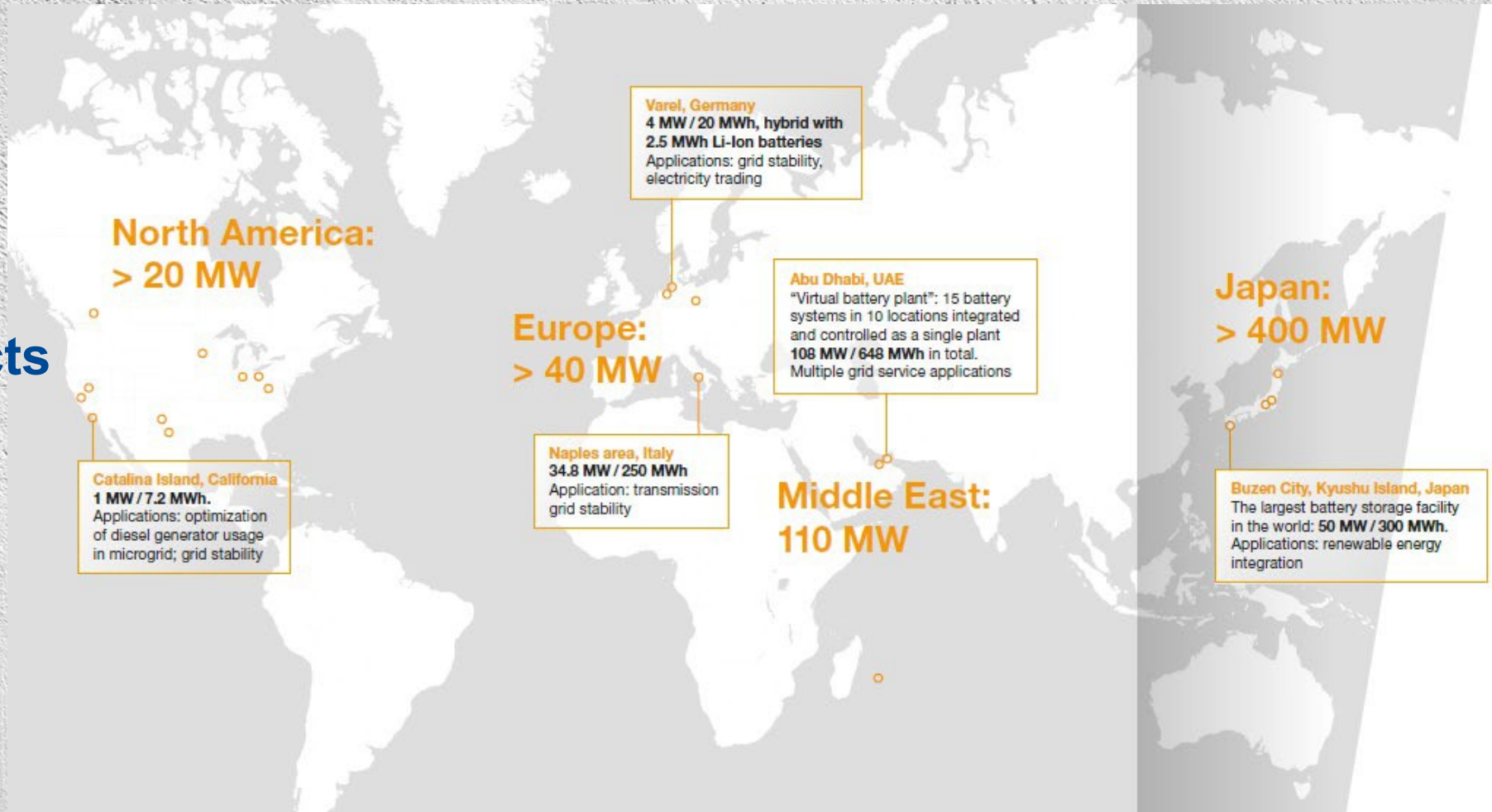
Deployments around the world

NAS[®] battery installation record

>20 years
in field

>200 projects
in total

>680 MW /
4,8 GWh



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We create chemistry