



# THE ENERGY TRANSITION SUCCEEDS WITH ENERGY STORAGE. LET'S FINALLY DO IT!

November 3, 2022

Project Development Program – Information Event  
Energy Storage Opportunities in Pakistan

Beatrice Schulz, BVES



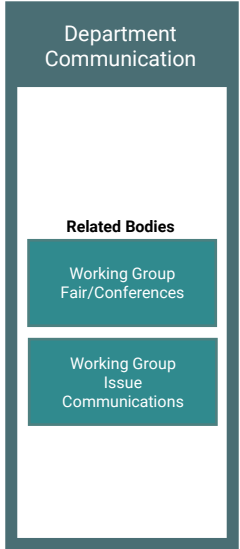
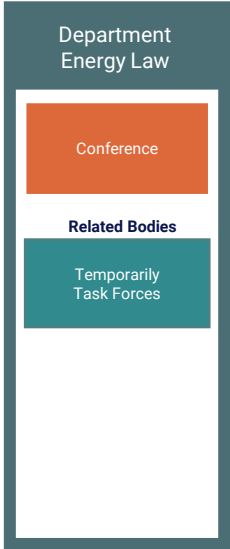
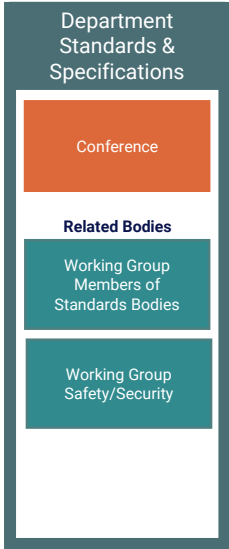
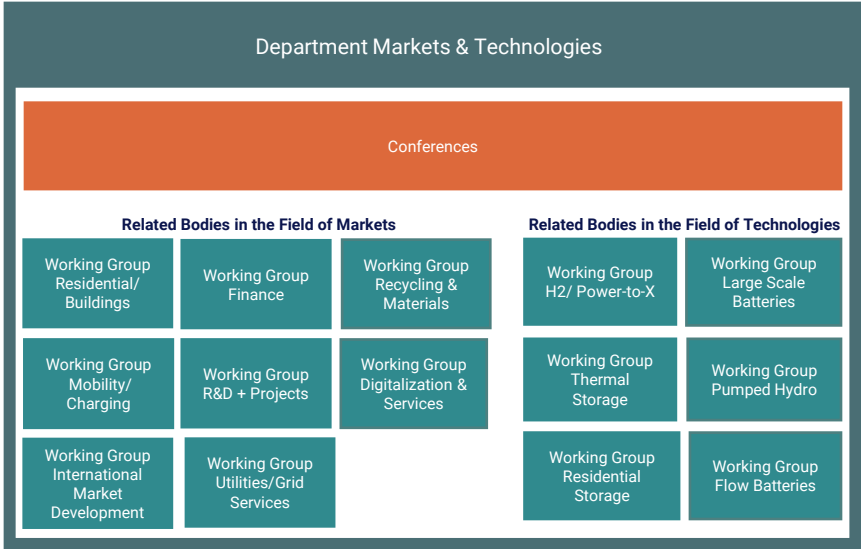
# THE GERMAN ENERGY STORAGE SYSTEMS ASSOCIATION

- The BVES is the industrial association of energy storage companies that is open to all technologies in the areas of electricity, heat and mobility.
- More than 250 member companies.
- We are a dialogue partner for politics, administration, science and publicity. With targeted lobbying at the interfaces of political decision making, we are working for the improvement of the regulation and policy framework for energy storage (national and international).
- In addition, the BVES monitors research and development activities and informs members of new results and developments.

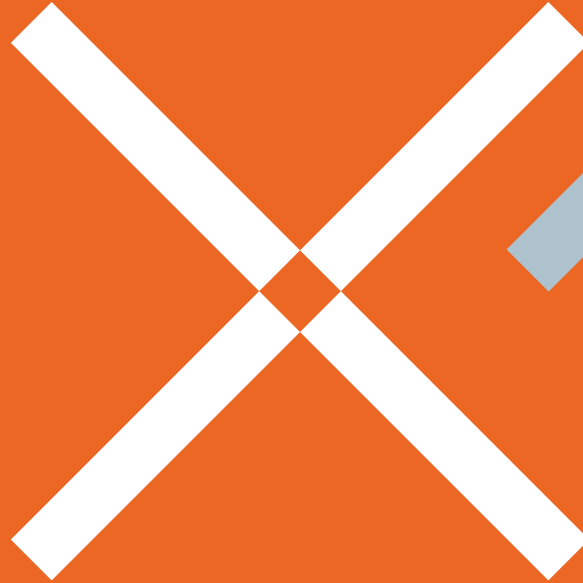


# STRUCTURE AND WORKING SCHEME

*Be part of a global network and  
make an impact on climate change*

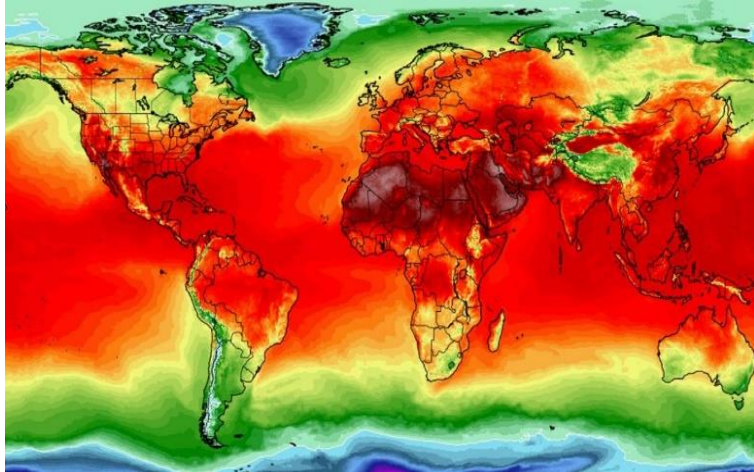


# WHY IS STORAGE KEY?



# ENERGIEWENDE, PARIS AGREEMENT, SECTOR TARGETS, GREEN DEAL, CLIMATE NEUTRALITY, CARBON FREE, 2050

2045  
2035



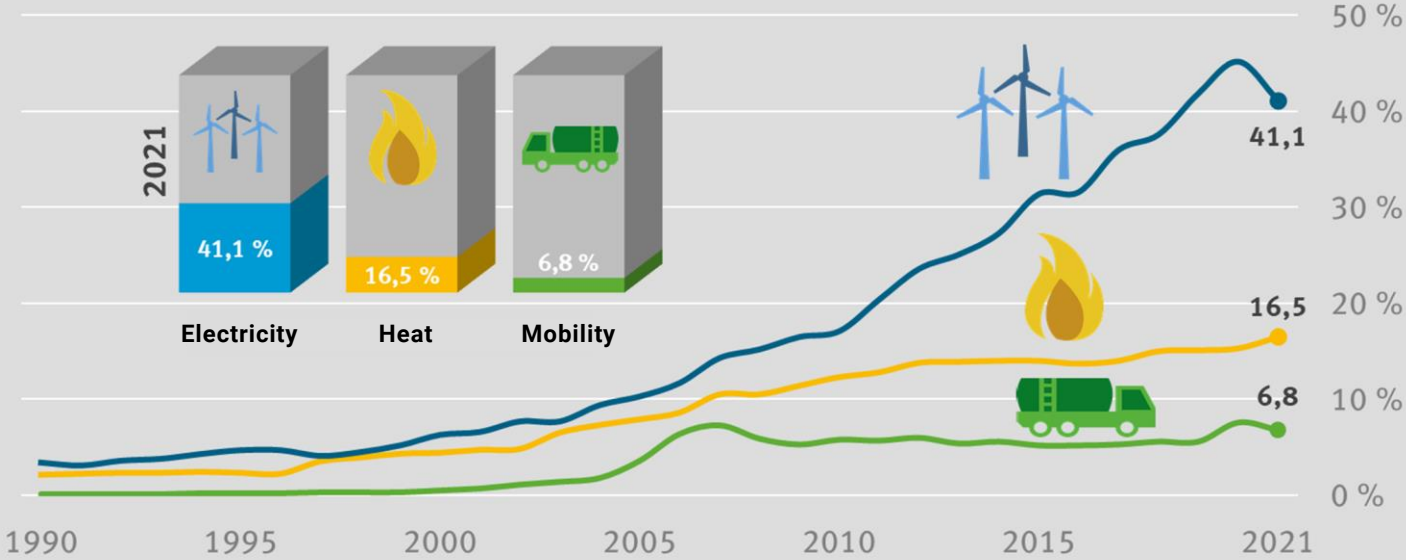
## How do we achieve the goals?

- Energy storage technologies are ready and available on the market to make their contribution to a climate-friendly energy system
- There are various applications for storage in the sectors of electricity, heat and mobility
- Research and development continuously advance the technologies



# ON THE WAY TO 100% RENEWABLES

## RENEWABLES SHARE IN ELECTRICITY, HEATING AND MOBILITY

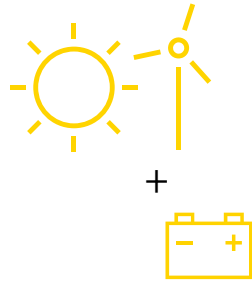


Quelle: Umweltbundesamt auf Basis Arbeitsgruppe Erneuerbare Energien-Statistik (AGEE-Stat)  
Datenstand: 02/2022

# FLEXIBILITY

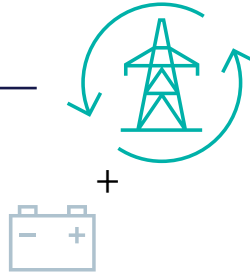
TO SECURE A RENEWABLES-BASED ENERGY SYSTEM AND THE ENERGY DEMAND – FLEXIBILITY IS NEEDED

GENERATION



TO FLATTEN THE CURVE

GRID



TO BALANCE THE FREQUENCY

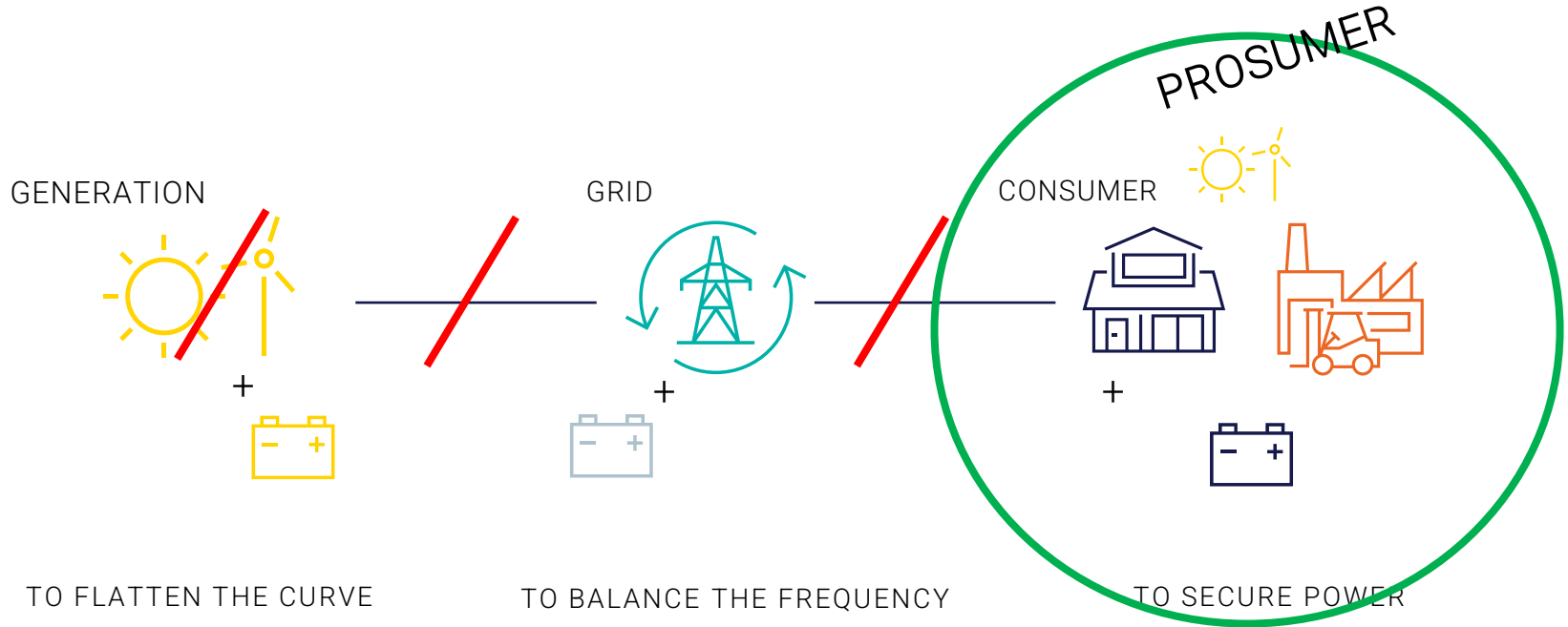
CONSUMER



TO SECURE POWER

# FLEXIBILITY

TO SECURE A RENEWABLES-BASED ENERGY SYSTEM AND THE ENERGY DEMAND – FLEXIBILITY IS NEEDED





# INTERNATIONAL ACTIVITIES OF BVES

# Our network: Global partners and cooperations

## POLITICS

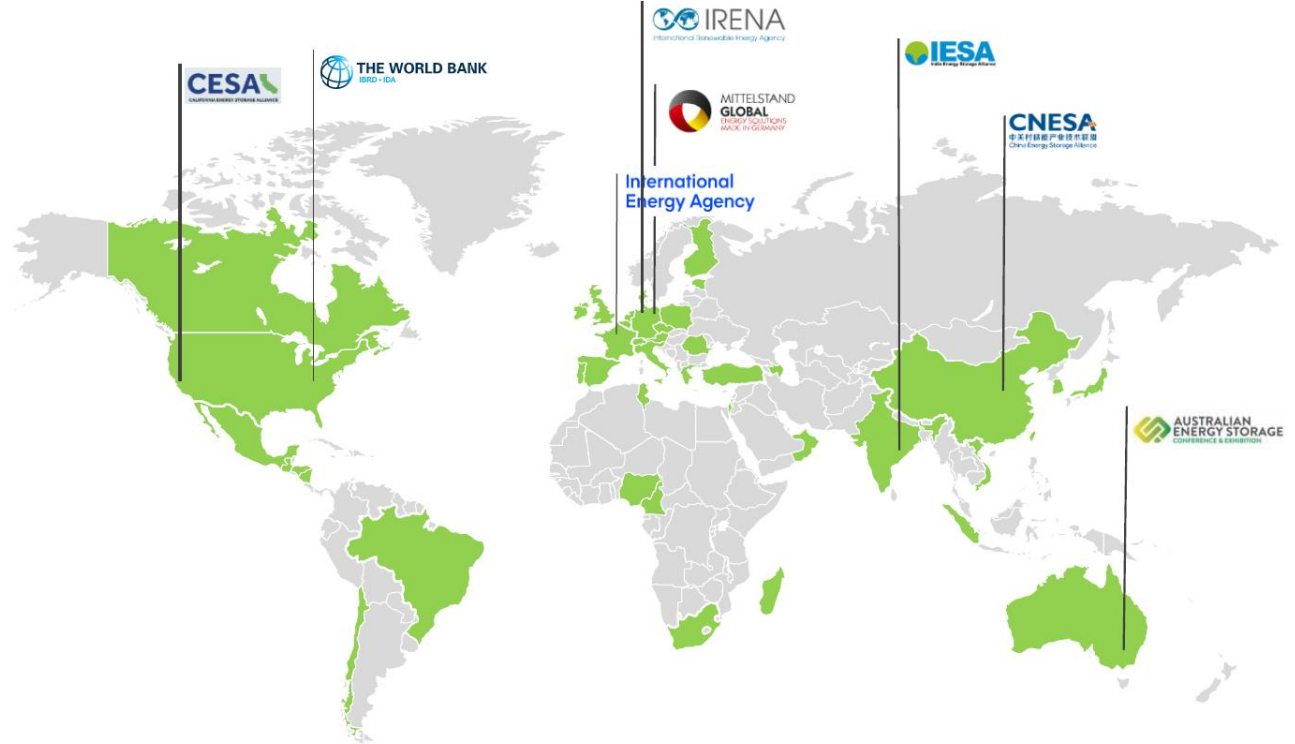
Global exchange with governments and politics.  
Consulting towards a suitable Framework for storage.

## BUSINESS

International network of chambers of commerce,  
associations, stakeholders.  
International lectures at conferences, workshops.

## KNOWLEDGE

Level playing field for storage technologies and storage  
applications. Technical rules, standards, certification on  
national, European and international level.



# THANK YOU

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