

# PERSPECTIVES FOR USE OF SMARTNET SOLUTIONS FOR UNLOCKING THE ENERGY FLXIBILITY

## SmartNet Workshop

*Hanne Binder, 20th september 2018*

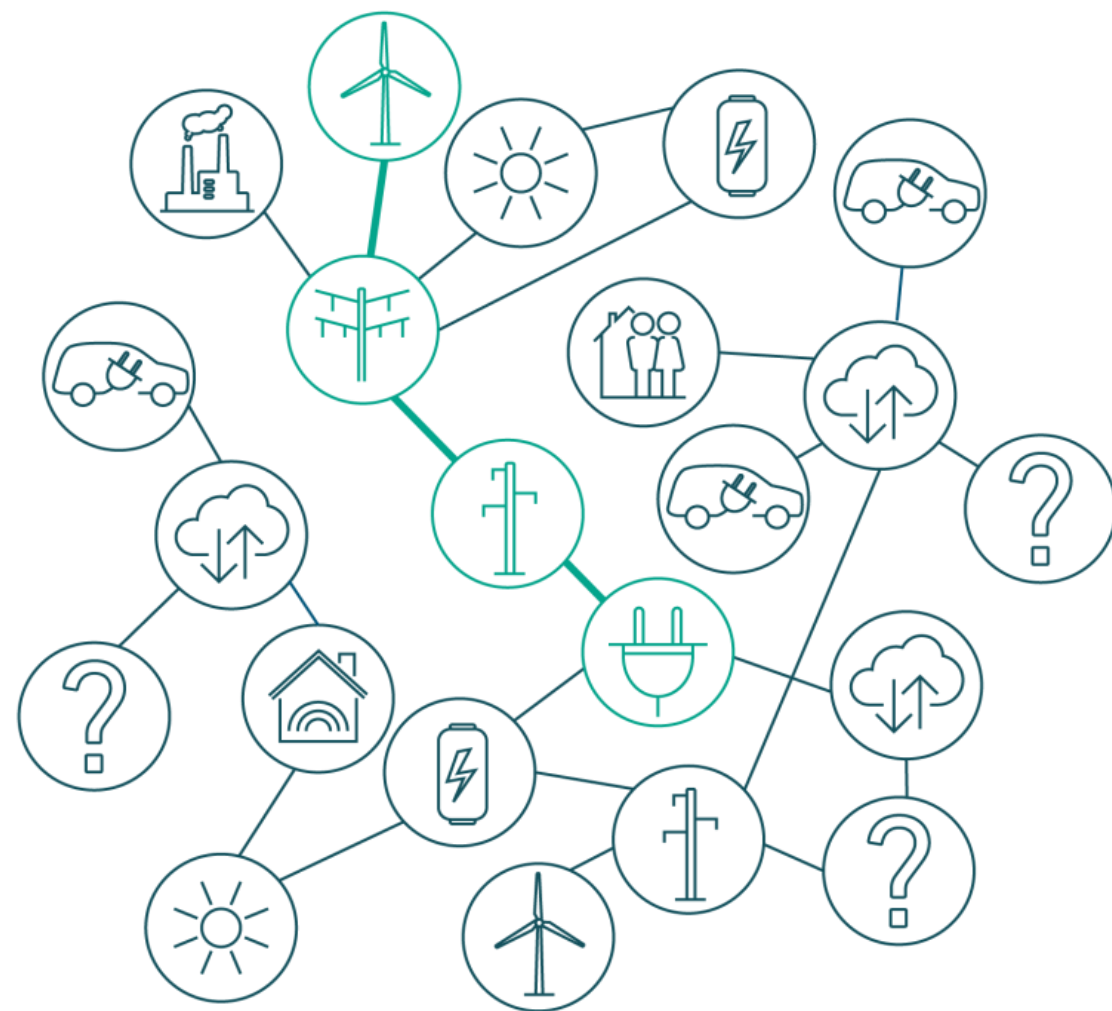
# CONTENT

- ‘The Energy Flexibility’ that needs ‘Unlocking’ from Energinet perspective
- TSO in the SmartNet Pilot B
- Control based solutions and the current market design



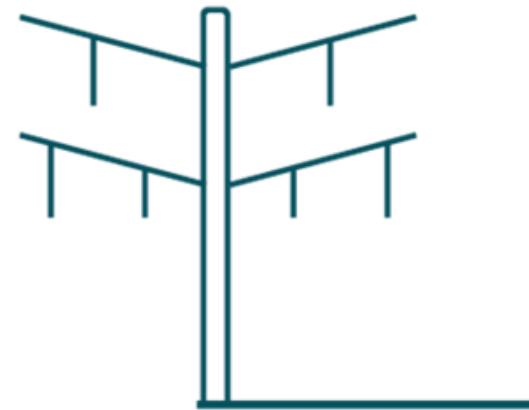
# A DANISH PERSPECTIVE ON ENERGY FLEXIBILITY

- A **shift** in energy production and usage in Denmark
- New production, new demand, new **possibilities**
- Demand side response and **economic efficiency**

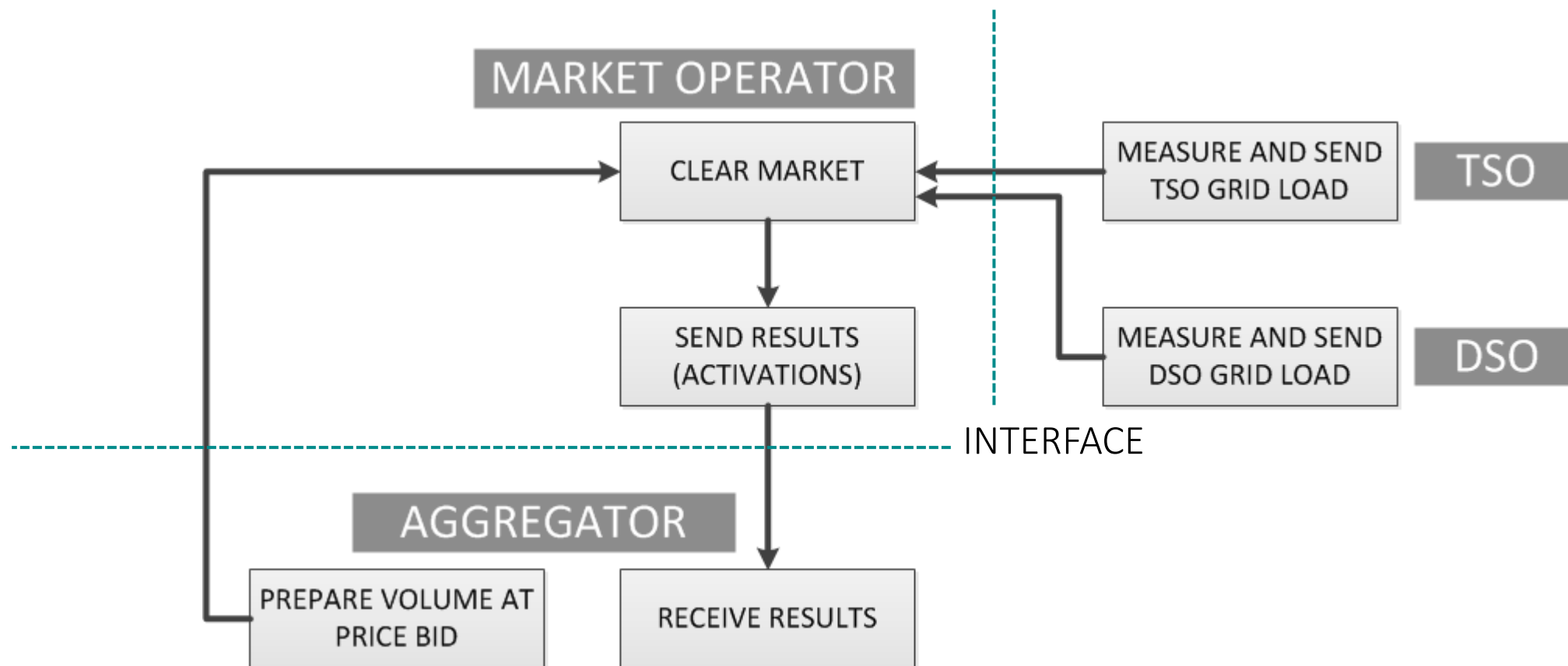


# ..AND WHY DOES IT NEED TO BE 'UNLOCKED'?

- Economic efficiency
- Technical solutions
- Market design
- SmartNet pilot B focus on **energy balancing**  
and **congestion management**



# SMARTNET PILOT B – CONCEPTUAL UPPER LEVEL SETUP OVERVIEW





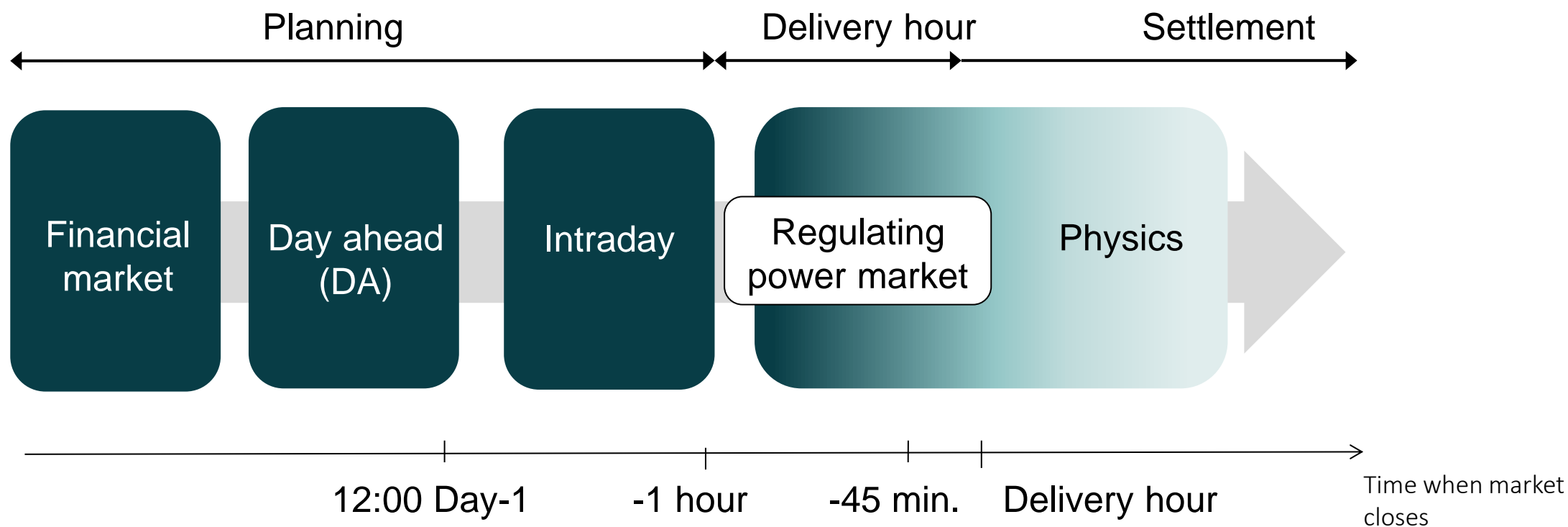
# PERSPECTIVES FOR THE SMARTNET SOLUTION

Automatic solution  
targeting small units

External control of  
units

DSO-TSO combined  
optimization

# CURRENT MARKET OVERVIEW





# QUESTIONS



email: [hbr@energinet.dk](mailto:hbr@energinet.dk)