

AMSTERDAM ENERGY ARENA

Peak shaving to even energy consumption



Grid services for stable power supply

3 MW power and **2.8 MWh** capacity

- Batteries from 148 Nissan Leaf electric vehicles
- Storing enough energy to charge 500,000 iPhones or supply 7,000 Amsterdam households for one hour
- Saving 116,683 tons of CO₂
- System lifetime: 10+ years

Increase self-consumption of solar power produced on the roof

Back-up power supply for Johan Cruyff ArenA during events

Further energy services to the neighbours

Load Management of car charging in the car park and V2G extension

**JOHAN CRUYFF
ARENA**

EATON

Powering Business Worldwide



bam

Amsterdams
Klimaat & Energiefondas



THE MOBILITY HOUSE

supported by



interreg
North Sea Region