

# 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 CO<sub>2</sub>
- System lifetime: 10+ years



**Back-up power supply** for Johan Crujff ArenaA during events



**Increase self-consumption** of solar power produced on the roof



**Load Management** charging or returning energy to the battery in the car park



**Further energy services** to the neighbours

