

- The energy storage system (ESS) is directly connected to the railroad network by a DC/DC converter
- When the train brakes, the braking energy is captured and stored in the ESS, instead of being burned up via braking resistors as is common practice
- The stored energy is fed back when the trains start moving
- The advantage is an important cost saving through reduced primary energy consumption thus reducing running costs
- An environment friendly and sustainable solution



**Maximum energy saving!**

**SECH ESS modules, energy  
storage systems, scalable**