

## Energy saving whenever a train stops

### STORNETIC introduces its wayside energy storage solution to the train and metro industry

**Jülich, 7 September 2016.** STORNETIC has extended its product range to the public transportation industry. The manufacturer of flywheel based energy storage systems has optimised its EnWheel® for use as wayside energy storage for trains, trams and metros. Operators of these systems will be able to realise energy savings whenever a train stops.

#### Converting surplus braking energy

‘Electricity costs are a decisive cost factor for companies who run train, tram or metro systems’ says Dr Rainer vor dem Esche, Managing Director at STORNETIC. ‘Our wayside storage device helps to bring down these costs. It stores the braking energy of trains and makes it available for the acceleration to leave the station. Through this the peak power demand and the related costs are reduced, too. This means a cost saving for the operator at every stop and a benefit for the environment at the same time.’

Designed for more than 1.000.000 charging cycles, the EnWheel® retains its full capacity over its complete lifetime. This durable solution is of particular interest for customers with many charging cycles. The device operates purely mechanically – without the use of chemicals – and is made of materials that are fully recyclable.

#### For the first time at InnoTrans

STORNETIC presents its energy storage solution at the leading international trade fair for transportation technology, InnoTrans2016, at Berlin, 20 to 23 September 2016, Hall 5.2, Booth 104.

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**STORNETIC** develops, manufactures and markets energy storage systems. The flywheel-based energy storage unit enables STORNETIC clients to transform electrical energy into rotation energy and store it.

#### Press contact

STORNETIC GmbH, Tobias Gottwald, Tel.: +49 (0)2461/65-308, e-mail: [info@stornetic.com](mailto:info@stornetic.com) Twitter: @Stornetic