

## **BUSINESS UNIT PERFECT CHARGING**

### **PRESS RELEASE**

#### **Sustainable battery charging technology: photovoltaics can increase your independence and energy efficiency**

#### **A step at a time towards CO<sub>2</sub>-neutral intralogistics**

Wels, 20/5/2020 – The use of renewable energy **offers companies a number of options for reducing their ecological footprint and therefore making an important contribution to environmental protection. Fronius helps its customers to take the right** steps towards CO<sub>2</sub>-neutral charging infrastructure and therefore reduce operating costs whilst also being more sustainable.

Companies are currently being confronted with sharply increasing electricity prices and ever stricter environmental protection requirements. At the same time peak currents represent a big challenge for the infrastructure and the network stability and drive energy consumption, and consequently costs and the CO<sub>2</sub> balance, upward. In addition to efficiency and cost effectiveness, sustainability is also becoming an increasingly important subject across all sectors.

“We are seeing a clear trend that companies want to be more active when it comes to CO<sub>2</sub> reduction and decarbonisation, and are looking for feasible, practical solutions. This is precisely what Fronius offers,” explains Patrick Gojer, Business Unit Head Marketing and Sales Perfect Charging. “We are there as a partner to support our customers on the way to a CO<sub>2</sub>-neutral charging infrastructure. In order to do this, we identify possible potentials for achieving savings in ongoing operation, and create the requirements for the necessary transparency. Our many years of experience both in battery charging technology and in solar energy allow us to offer the customer holistic, intelligent and simultaneously sustainable charging solutions.” Another key advantage is that the entire system comes from a single source, meaning that Fronius is also the only contact for any maintenance and service work and can respond quickly and in a targeted manner.

#### **Self-generated solar energy for the forklift fleet**

The use of renewable energy, and photovoltaic systems in particular, plays a big part on the route towards CO<sub>2</sub>-neutral intralogistics. Industrial buildings with their large flat roofs are often ideal sites for solar collectors. The energy that they produce can be put to excellent use, for example for the operation of electric forklift trucks. They are responsible for up to a third of total energy consumption in many companies. “The self-generated solar energy ensures greater independence from the public grid, reduces both energy costs and CO<sub>2</sub> emissions and is therefore an important step towards greater sustainability,” says Gojer.

Fronius offers the most progressive technology available on the market for charging traction batteries for electric forklift trucks with the Selectiva charger range. These can be optimally combined with the Fronius Solar Energy business segment, which specialises in the design and implementation of tailor-made photovoltaic systems including inverters.

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**Meta title:** *Battery charging technology and photovoltaics: the perfect combination for green logistics*

**Meta description:** *Fronius, with all its know-how, is the ideal partner for the coupling of battery charging technology and photovoltaics.*

**Keywords:** *Fronius; Perfect Charging; battery charging technology; photovoltaics; coupling; photovoltaic systems; energy; sustainability; CO<sub>2</sub>; chargers; inverters; solar energy*

**Captions:**



**Image 1:** The use of renewable energy, and photovoltaic systems in particular, plays a big part on the route towards CO<sub>2</sub>-neutral intralogistics.



**Image 2:** Self-generated solar energy ensures greater independence from the public grid, reduces both energy costs and CO<sub>2</sub> emissions making it an important step towards greater sustainability.



**Image 3:** Industrial buildings with their large flat roofs are often ideal sites for solar collectors.



**Image 4:** Fronius offers the most progressive technology available on the market for charging traction batteries for electric forklift trucks with the Selectiva charger range.



**Image 5:** Fronius specialises in the design and implementation of tailor-made photovoltaic systems including inverters in the Solar Energy business segment.

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**Contact details for this publication:**

Company name: Fronius Perfect Charging  
E-mail: [perfect.charging@fronius.com](mailto:perfect.charging@fronius.com)  
Website: [www.fronius.com/intralogistics](http://www.fronius.com/intralogistics)  
**YouTube:** [www.youtube.com/FroniusCharging](http://www.youtube.com/FroniusCharging)  
**LinkedIn:** [www.linkedin.com/showcase/perfect-charging](http://www.linkedin.com/showcase/perfect-charging)  
Phone International: +43 7242 2410  
Phone UK & Ireland: +44 1908 512300  
Phone India: +91 97654 98881

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## About Fronius International GmbH

Fronius International is an Austrian company with headquarters in Pettenbach and other sites in Wels, Thalheim, Steinhaus and Sattledt. Founded by Günter Fronius in 1945, this long-standing company with a rich tradition will be celebrating its 75th anniversary in 2020. What began as a local one-man venture has grown into a global player with more than 5440 employees worldwide working in the areas of welding technology, photovoltaics and battery charging systems. Its export ratio of around 93 percent is achieved with 34 international Fronius subsidiaries and sales partners/representatives in more than 60 countries. Moreover, its innovative products and services and its portfolio of 1264 registered patents make it an innovation leader on the world market.



Fronius is an official partner of the annual IFOY AWARD (International Intralogistics and Forklift Truck of the Year), which recognises the best forklift trucks and application solutions in the industry, trade and service sectors.

### For more information, please contact:

Fronius International GmbH  
MMag. Sonja POINTNER, +43 (7242) 241-6436, [pointner.sonja@fronius.com](mailto:pointner.sonja@fronius.com)  
Fronius International GmbH, Froniusplatz 1, 4600 Wels, AUSTRIA

### Please send an author's copy to our agent:

a1kommunikation Schweizer GmbH, Mrs. Kirsten Ludwig,  
Oberdorfstraße 31 A, 70794 Filderstadt, GERMANY,  
Tel.: +49 (0)711 9454161-20, e-mail: [Kirsten.Ludwig@a1kommunikation.de](mailto:Kirsten.Ludwig@a1kommunikation.de)