



## Media Information

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### enviolo and Tern Bicycles Partner Up to Build the Perfect Utility eBike for Inner-City Use

NuVinci Optimized™ bicycle to be first presented at Eurobike (July 8-10)

**AMSTERDAM, NETHERLANDS / CEDAR PARK, TEXAS** – June 25, 2018 – With cities becoming increasingly crowded, and new limitations being imposed on passenger vehicles in Europe, the cargo bike segment has been seen as a solution to reduce car traffic, and enable riders to transport heavy loads. enviolo, a division of Fallbrook Technologies Inc., and Tern Bicycles have joined forces to create a powerful and robust eBike that adds versatility to the segment.

At the heart of this cooperation is the Tern GSD, a compact utility eBike aimed at families living in urban environments, or delivery services of all kinds. Its latest model, the GSD S00, will be equipped with enviolo's cargo groupset. The NuVinci Optimized™ hub is a perfect fit for consumers who want to enjoy a bike with an internal gear hub drive system.

*'The GSD was built to carry everything plus the kitchen sink, so we needed a robust internal gear hub, capable of handling heavy loads and high torques,' says Eric Lin, Tern Director of Product Development. 'The new GSD wouldn't be possible with any other hub in the market.'*



The Tern GSD is a one-size-fits-all bike, adjustable to fit riders from 150 to 195 cm. Equipped with a Bosch Performance CX motor, durable Magura 4 piston disk-brakes, and Bosch's Dual-Battery technology, it supports a maximum gross vehicle weight of 200 kg. Boasting cargo-bike capacity with a city-bike footprint, the GSD can be folded to a third of its volume—so it can be stored even in small urban apartments.

*'Flexibility is what makes cycling the perfect solution for inner-city transportation. But with this, new*



*challenges arise in terms of designing durable, robust and maintenance-free components suitable for all riding conditions,'* says Niels van der Steen, Marketing Manager at enviolo.

For MY2019, enviolo brought to market five new groupsets—city, trekking, sportive, cargo, and commercial—designed to answer the needs of five different rider personas. They all feature a NuVinci Optimized™ hub and controller, and are based on the revolutionary NuVinci® continuously variable planetary transmission technology. The cargo groupset allows GSD riders to enjoy the benefits of stepless shifting whether they are freewheeling, shifting under heavy load, or waiting at a traffic light. The optimized components used to build the internal gear hub provide the extra durability needed for this bike segment. With a ratio range of 380%, a maximum continuous torque of 80 Nm and a 280 kg maximum permissible vehicle weight, this transmission was created to handle challenging duty cycles.

The GSD S00 will be unveiled at this year's [Eurobike show](#). Tern's booth, located in hall B4-405, will be open for visitors from July 8 to July 10. Visitors are also invited to test-ride the GSD at demo area DA-411. The standard one-battery configuration of the GSD S00 will retail for €4895/\$4995 and will be available in stores in Spring 2019.

**ENDS**

**500 words**



### **About enviolo**

enviolo is “The Moving Standard” for bicycles and eBikes today.

With its stepless and automatic shifting products incorporating the revolutionary **NuVinci®** technology, enviolo elevates the riding experience and makes it simpler, more fun, safer, and healthier. Riding a bike with enviolo’s stepless or automatic shifting solution means concentrating less on changing gears and more on what’s important, for example: traffic, road hazards, passengers, or enjoying the beauty of the surroundings. enviolo’s stepless and automatic shifting benefits are now available in five different group sets. All group sets consist of a NuVinci Optimized™ transmission and a controller, specifically designed for their use cases: city, trekking, sportive, cargo, and commercial. enviolo is a division of **Fallbrook Technologies Inc.** and operated under the name “NuVinci® Cycling” up until December 2017. The enviolo head office is located in Amsterdam, The Netherlands. For more information, please visit [www.enviolo.com](http://www.enviolo.com).

### **About Fallbrook Technologies**

Fallbrook Technologies is the inventor of the revolutionary *NuVinci* continuously variable planetary (CVP) technology, which enables performance and efficiency improvements for machines that use an engine, pump, motor, or geared transmission system – including urban mobility vehicles, cars and trucks, industrial equipment, and many other applications. Fallbrook has a unique collective development model and community through which *NuVinci* technology licensees share enhancements, which adds to the value of the technology and accelerates product development. This approach enables forward-looking companies, who wish to create visionary new products with *NuVinci* technology, to move quickly from concept to market commercialization. Fallbrook is based in Cedar Park near Austin, Texas, USA and holds rights to over 800 patents and patent applications worldwide. For more information, visit [www.fallbrooktech.com](http://www.fallbrooktech.com).

### **About Tern**

Tern is dedicated to the goal of sustainable transportation and designs and manufactures bicycles for urban transport. The company has corporate offices in Taiwan, the United States, China, Finland, and the United Kingdom. Tern donates at least 1% of net profits every year to social and environmental causes. For more information, visit [www.ternbicycles.com](http://www.ternbicycles.com).



# enviolo

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