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Gates and enviolo Collaborate to Target Growing High-Speed Pedelec Market

- *Re-designed enviolo groupsets enable taller gearing*
- *Enables spec of Gates and enviolo on more 45kph eBikes*

AMSTERDAM, NETHERLANDS / DENVER, COLORADO (For immediate release, September 5, 2018) -- Gates Carbon Drive and enviolo have collaborated on a product re-design to support the fast-growing market for high-speed eBikes, also called speed pedelecs, which require taller gearing to achieve speeds of 45 kilometers-per-hour (28 miles-per-hour).

With input from Gates, enviolo re-designed its stepless and automatic shifting groupsets to allow product managers to spec a 22-tooth Gates rear sprocket on all eBike categories--city, trekking, sportive, cargo and commercial. Due to clearance limits, bicycle manufacturers were previously limited to using a 24-tooth Gates sprocket with a larger front sprocket to achieve speeds of 45 kph.

The new product also eases fitment issues for front sprockets mounted on mid-drive motors, enabling the use of a smaller front sprocket to improve frame clearance on models equipped with larger tires and with shorter chainstays.

"Gates is committed to expanding the eBike market and facilitating the adoption of Gates Carbon Drive belt systems across all bicycle market segments by developing strategic applications and working directly with manufacturers to develop new products that serve consumers and bicycle brands," says Chris Vasiliotis, Global Product Engineering Manager for Gates Carbon Drive.

"The combination of the Gates Carbon Drive system with an enviolo internal gear hub, which creates a quiet and very low-maintenance solution for the consumer, continues to gain popularity and satisfaction in the market. As such we have used our great relationship to expand our product offering, enabling our customers to have more flexibility in designing bikes for specific use cases," says Richard Hilgart, Product Manager at enviolo.

Production of the new enviolo groupsets started in September and orders can be placed with enviolo. Orders for the 22T sprocket (part number CT1122VMN) can be placed with Gates or Universal Transmission for Europe. www.gatescarbondrive.com

About Gates Carbon Drive™

Gates Carbon Drive™ is a belt drive technology that is moving bicycles forward through technological innovation that empowers individuals, businesses and communities to expand their mobility horizons. Carbon Drive is a product of Gates, a global manufacturer of power transmission solutions for a diverse range of industrial and consumer applications. Clean, light, fast and efficient, Gates Carbon Drive needs no grease and it will never rust or stretch, making it the ideal modern drivetrain for today's modern bicyclists.



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About Gates

Gates is a global manufacturer of innovative, highly engineered power transmission and fluid power solutions. Gates offers a broad portfolio of products to diverse replacement channel customers, and to original equipment ("first-fit") manufacturers as specified components. Gates participates in many sectors of the industrial and consumer markets. Our products play essential roles in a diverse range of applications across a wide variety of end markets ranging from harsh and hazardous industries such as agriculture, construction, manufacturing and energy, to everyday consumer applications such as printers, power washers, automatic doors and vacuum cleaners and virtually every form of transportation. Our products are sold in 128 countries across our four commercial regions: the Americas; Europe, Middle East & Africa; Greater China; and East Asia & India. www.gates.com

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.

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 has developed a strong portfolio of several hundred patents worldwide with additional patent applications pending. For more information, visit www.fallbrooktech.com.

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