

TAIPEI CYCLE SHOW DAILY

THURSDAY

WHAT TO SEE AT TAIPEI CYCLE!

ENGLISH

中文



INSIDE TODAY'S SHOW DAILY:

WBIA: PEDALING TOWARDS NET ZERO | ACER'S PREDATOR BIKES | EVENT GUIDE
MARKET REPORTS | HIGH-END RACERS | DELTA'S TOTAL SOLUTIONS
EXHIBITOR PROFILES | PRODUCT HIGHLIGHTS

PRODUCT ROUNDUPS: SPORT/MTB E-BIKES | SUSTAINABLE PRODUCTS | BATTERIES & COMPONENTS | HELMETS | VALVES

Miranda

The European Bike Fundamentals.

Ride Green with Miranda Bike Parts

Sustainability is at the core of Miranda Bike Parts. We are committed to reducing our environmental impact through innovative practices and eco-friendly materials. Our packaging is 100% recyclable, and we continuously strive to minimize waste and optimize energy use. By choosing Miranda Bike Parts, you are not only investing in top-quality cycling components but also supporting a greener future.



ENVIRONMENT



Suppliers within 100 Km **90%***



Energy from renewable sources **86.4%***



Recycled content in aluminum components **83.4%***



Waste recovered **71%***

*values referring to the year 2023

From
Portugal
to the World

mirandabikeparts.com

Cofinanciado por:



Customizable Simple Maintenance Durable



- **Unique Buckle Design (Patented)**

The patented buckle allows quick and easy disassembly for maintenance and long-lasting performance. Easy to recycle following years of service.

- **No Adhesives Helps the Environment**

Not using adhesives keeps harsh chemicals out of fragile ecosystems.

- **Color Customization**

Saddle, Base, and Buckle come in whatever color suits your preference.

Get the Best — Forget the Rest



- **Precise and Durable**

State-of-the-art manufacturing processes for precision and long component life, backed up by a 2-year warranty.

- **Precision Machined Saddle Clamp**

Exacting tolerances in our CNC machining ensures a quality, perfect fit.

- **Lightweight**

The lightest on the market—the same spec but much better performance.

- **High-grade Alloy**

Tough, durable, and light. Superior to 7050 alloy.



K0806

TAIPEI CYCLE

MARCH 26 — 29. 2025

Show Profile

Organizer 主辦單位	TAIWAN EXTERNAL TRADE DEVELOPMENT COUNCIL 財團法人中華民國對外貿易發展協會
Co-Organizer 協辦單位	TAIWAN BICYCLE ASSOCIATION 臺灣自行車輸出業同業公會
Show Hour 展出時間	Mar. 26 to 28, 2025 09:00 - 18:00 Mar. 29, 2025 09:00 - 15:00
Exhibition Scale 展出規模	980 exhibitors ; Exhibit over 80,000 sqm 980 參展商; 展出逾80,000平方公尺

Themes
展覽主題

RIDE THE REVOLUTION

INNOVATION DRIVE 創新動能 # d&i awards # Bike Vision # Bike Demo	CYCLING ECOSYSTEM 騎行生態圈 # Bike Tourism # Workshop # Forum- 「Beyond Biking」
GREEN FORWARD 永續前行 # ESG # Green Map # Workshop	SMART CYCLING 智慧騎乘 # E-Cycling # Virtual Criterium Challenge

Theme Pavilion
主題專區

- 創新設計獎專館 d&i awards Pavilion @ Booth J2011
- 歐洲聯合館 European Pavilion
- 日本館 Japan Pavilion
- 智慧虛擬自行車專館 E-Cycling Pavilion @ Booth R0427
- TAIWAN SELECT Hospitality Lounge @ Booth L2002
- TAIPEI CYCLE x THULE快閃店Pop-up Store @ Booth N0515
- TAIWAN EXCELLENCE台灣精品館 @ Booth L2009

Show Events
展會活動

- 自行車論壇 TAIPEI CYCLE Forum- 「Beyond Biking」 @ Conference Room 401
- 自行車試乘會 Bike Demo@TaiNEX ②, 4F
- 創新設計頒獎典禮 • d&i awards Ceremony @ TaiNEX ①, 4F Event Stage
- 虛擬挑戰賽 E-Cycling Challenge @ Booth L0427
- 創新活動 Bike Vision Pitch & Demo, Salon @ Booth L0118
- 自行車工作坊 TAIPEI CYCLE Workshop @ Booth R0714
- 主題導覽 Guided Tour
- TAIPEI CYCLE x LEVA Forum @ TaiNEX ①, 4F Event Stage

Buyer Service * RSVP Sport Night Party@TaiNEX ②, 7F
買主服務 * Bike Café @ Booth L0225

Event Schedule

26 (Wed)	09:00 - 18:00	Bike Demo Bike Demo 試乘會	Bike Demo Area, 4F, TaiNEX ② 南港二館4樓 Bike Demo Area
	10:00 - 11:00	Opening Ceremony 聯合開幕典禮	Stage, Area P, 1F, TaiNEX ② 南港二館1樓·P區舞台
	11:00 - 12:00	Cycling Paradise: savEARTH Declaration Cycling Paradise 愛地球宣言	Room 402, 4F, TaiNEX ① 南港一館4樓 402會議室
	14:00 - 16:00	Peddalling Towards Net Zero: Cycling Advocacy and the Industry's Role for a Sustainable Future	Room 401, 4F, TaiNEX ① 南港一館4樓 401會議室
27 (Thu)	09:00 - 18:00	Bike Demo Bike Demo 試乘會	Bike Demo Area, 4F, TaiNEX ② 南港二館4樓 Bike Demo Area
	09:00 - 12:00	2025 Bicycling Alliance for Sustainability (BAS) ESG Initiative Forum 2025 BAS中華自行車永續聯盟協會ESG倡議論壇	Room 402, 4F, TaiNEX ① 南港一館4樓 402會議室
	10:30 - 14:10	TAIPEI CYCLE Workshop TAIPEI CYCLE 工作坊	Booth R0714, 4F, TaiNEX ② 南港二館4樓·攤位號: R0714
	13:00 - 17:30	TAIPEI CYCLE Forum Beyond Biking TAIPEI CYCLE Forum Beyond Biking 出騎制勝	Room 401, 4F, TaiNEX ① 南港一館4樓 401會議室
28 (Fri)	09:00 - 18:00	Bike Demo Bike Demo 試乘會	Bike Demo Area, 4F, TaiNEX ② 南港二館4樓 Bike Demo Area
	10:00 - 14:40	Smart Cycling x Electronics: A Cross-Industry Roundtable by invitation 「智行未來:自行車與電子科技的共創啟航」, 跨業圓桌會議 邀請制	Room 402, 4F, TaiNEX ① 南港一館4樓 402會議室
	10:00 - 14:40	TAIPEI CYCLE Workshop TAIPEI CYCLE 工作坊	Booth R0714, 4F, TaiNEX ② 南港二館4樓·攤位號: R0714
	09:00 - 15:00	Bike Demo Bike Demo 試乘會	Bike Demo Area, 4F, TaiNEX ② 南港二館4樓 Bike Demo Area
29 (Sat)	10:00 - 12:40	TAIPEI CYCLE Workshop TAIPEI CYCLE 工作坊	Booth R0714, 4F, TaiNEX ② 南港二館4樓·攤位號: R0714
	10:00 - 11:00	E-Cycling Challenge E-Cycling 虛擬挑戰賽	Booth R0427, 4F, TaiNEX ② 南港二館4樓·攤位號: R0427

TAIPEI CYCLE

MARCH 26 — 29. 2025

TAIPEI CYCLE

MARCH 26 — 29. 2025

TaiNEX ①

台北南港展覽館1館
TAIPEI NANGANG EXHIBITION CENTER, HALL 1



1st Floor:

Area I, J, K
Parts & Components, Cycling Accessories, Cycling Apparel

4th Floor:

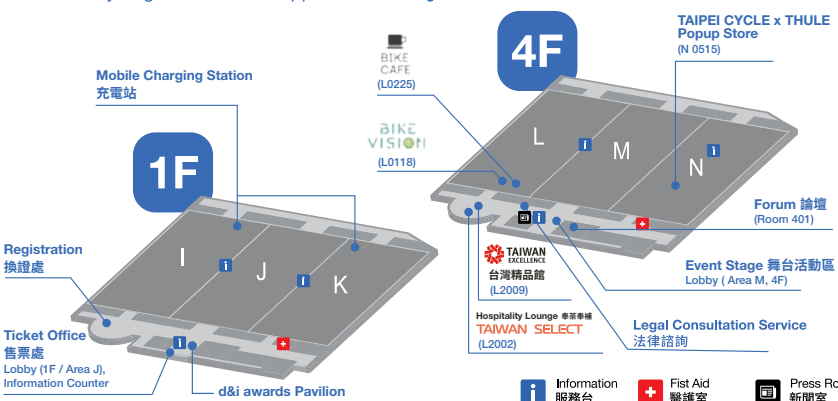
Area L, M, N
Complete Bicycles, Overseas Brands & Country Pavilions, Parts & Components, Bike Vision & Start-ups, Cycling Accessories & Apparel

一樓展區

I, J, K 區
自行車零組件、自行車配件及人身部品

四樓展區

L, M, N 區:
自行車整車、海外品牌及國家館
Bike Vision及新創企業、自行車零組件
自行車配件及人身部品



TaiNEX ②

台北南港展覽館2館
TAIPEI NANGANG EXHIBITION CENTER, HALL 2



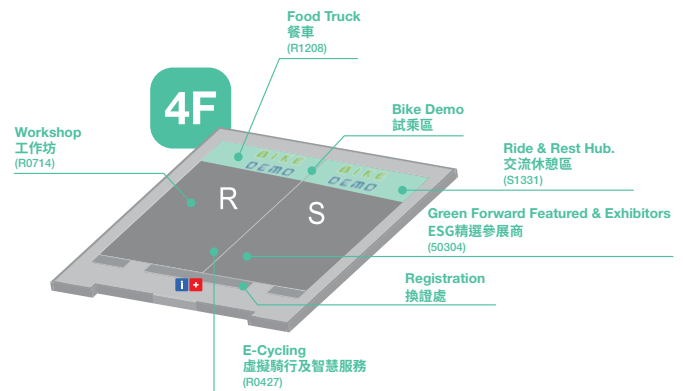
TAIPEI CYCLE *T-IsPO*
台北國際自行車展覽會
台灣國際運動及健身展
聯合展館

4th Floor:

Area R, S
E-Bikes & Drive units, Overseas Brands, Parts & Components, Cycling Accessories & Apparel, E-Cycling, Bike Demo


四樓展區

R, S 區
電動輔助自行車及電機系統、海外品牌
自行車零組件、自行車配件及人身部品、
虛擬騎行及智慧服務專館、Bike Demo試乘區




Website 官方網站
www.taipeicycle.com.tw


TODAY
March 27
TAIPEI
35°C
 SUNNY



TONIGHT
 19°C
 CLOUDY



TOMORROW
 21°C
 Rainy



CONTENT HIGHLIGHTS

Velo welcome party	6
Opening ceremony	6
WBIA: pedaling towards net zero	8
Vox Pop: Why I'm visiting Taipei Cycle	10
Acer's Predator brand bikes	10
FSA launches Metron RS wheels	11
High-end carbon racers	12
Tern launches 3rd gen GSD	12
Thermaltake's own-brand bikes	12
Green products are here to stay	14
Bike makers poised for recovery	16
German market under pressure	20
Japan market changes	22
Overview: sustainable products	26
Delta's total solution	30
JD Components diverse range	31
Overview: Sport/MTB e-bikes	32
Overview: E-bike batteries & components	34
Overview: Valves	36
Overview: Helmets	38
New Product highlights	40
城市通勤及摺疊電動自行車	42
台灣自行車背包擴展產品線	44
產品趨勢: 皮帶傳動	45
歐洲市場數據	46
資本市場如何促進產業成長	48
TPU超薄內胎的崛起	49

ENGLISH

FOLLOW US ON LinkedIn
 For industry news all year round,
 follow Show Daily on LinkedIn.
<https://www.linkedin.com/company/show-daily/>

SHOW DAILY



SHOW DAILY



LEGENDARY REUNION

Birdy creators Markus Riese and George Lin, will reunite at Taipei Cycle to share the incredible story of how they worked together to create the one-of-a-kind Birdy design 30 years ago. Come to **Pacific Cycles (N0306, 4F, Hall 1)** at 10-11:30am this Saturday March 29th. Take a photo with the two founders and receive a free Polaroid print and commemorative postcard.



REGISTER HERE:

GOT NEWS FOR US?
 Drop into our production office in Hall 1, 5F, room 521 or email tom@showdaily.net




新一代中置驅動解決方案

Delta e-Bike Turnkey Solution

台達與生態系夥伴合作，
整合電池、HMI
和更多附件功能，
提供全面的解決方案



Delta collaborates with ecosystem partners to offer a comprehensive solution, integrating batteries, HMIs, and more accessories.

Contact

Email: IAMKT@deltaww.com

For more news and updates, follow us on social media platforms and visit our website.

Hall 2 / 4F / R0624

Watch Video



VELO WELCOME PARTY CELEBRATING COLLABORATION

The welcome party hosted by saddle manufacturer Velo on the eve of the Taipei Cycle Show is a tradition in the cycling industry, symbolizing the importance of partnership and cooperation within the sector.

This year's event, held last night at the Grand Hilai Taipei Hotel celebrated collaboration with numerous industry representatives and friends of **Velo [Hall 1 / J0618]**, Prologo, **Wellgo [Hall 1 / J0518]**, and Xpedo in attendance.

The gathering was an opportunity for the companies to share updates and outline their future plans. Velo CEO Ann Chen placed particular emphasis on the company's various sustainability initiatives in her speech, highlighting a groundbreaking collaboration with the American component manufacturer SRAM, aimed at repurposing carbon fiber waste from component production into bicycle saddles, underscoring the industry's collective effort towards a greener future. Among the prominent guests at the event was Bob Chen, General Manager of SRAM, who further emphasized the spirit of collaboration.

Prologo, represented by General Manager Salvatore Truglio, and Wellgo,



Ann Chen set the stage with her opening speech at Tuesday's Velo Dinner Party.

represented by Sales & Marketing Director Jennifer Chen, showcased their new products and innovations. Prologo emphasized the brand's significant presence in professional cycling. As always, the event was rounded off by a festive dinner and an entertaining supporting program, providing attendees with opportunities for informal exchanges and networking, thus reinforcing the collaborative spirit that defines the annual gathering. ■ **WMS**

OPENING CEREMONY WELCOME TO TAIPEI CYCLE 2025!

With numerous industry leaders in attendance, the Taipei Cycle Show 2025 officially kicked off yesterday with a 30-minute opening ceremony.



This year's event features 980 exhibitors from 35 countries across 3,600 booths. In their speeches, James Huang (CEO of TAITRA), Robert Wu (Chairman of the Taiwan Bicycle Association), and Jeff Chen (Executive Director of the Taiwan Sporting Goods Manufacturers Association) highlighted the strong unity within the sports and cycling industries, their resilience in challenging times, and their innovative strength — especially in terms of sustainability. Among the distinguished guests was

Minister Kuo Jyh-huei, Taiwan's Minister of Economic Affairs, who emphasized the industry's importance to Taiwan's economy. Despite the continued difficult economic climate for the cycling industry, the tone of the speeches was strikingly upbeat. James Huang captured this spirit, saying: "So let's push boundaries, embrace new possibilities, and ride the revolution together! Let's make Taipei Cycle & TaiSPO 2025 an unforgettable experience!" ■ **WMS**

METRON RS45-60



- **FULL CARBON STRUCTURE**
The first full-carbon wheelset, fully designed, produced, and assembled in-house for complete quality control.
- **LIGHTER AND FASTER**
Aerodynamic supremacy of Metron 45-60 RS being 10% faster than Metron SL.
- **NEW PRS HUB DESIGN**
Upgraded PRS hub system with 72 teeth for optimal power transfer, and ceramic bearings ensuring maximum smoothness.



VISIONTECHUSA.COM - ENGINEERING BEYOND THE LIMITS

PRO-TEAMS

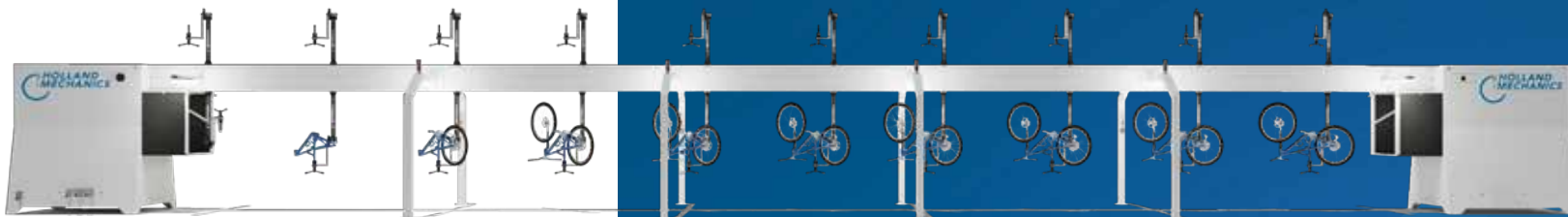


AIRLINE
BY HOLLAND MECHANICS

ASSEMBLY CONVEYOR

VISIT HOLLAND MECHANICS AT TAPEI CYCLE SHOW - BOOTH 4F-L1223

BUILD BETTER BIKES



- ▶ AVERAGE OF 2 YEARS ROI
- ▶ + 20 % EFFICIENCY
- ▶ + 30 % LOGISTICS IMPROVEMENT

The Holland Mechanics Airline redefines bicycle assembly with a motor-powered conveyor designed for efficiency and flexibility. Unlike rigid traditional lines, its modular length and adjustable speeds fit any factory layout without structural changes. Operators benefit from ergonomic freedom with Axial and Radial bike rotation, as well as seamless loading and unloading. Its open design enhances component logistics and allows more workers per station—boosting production capacity in less space.

Want to know more?
Visit us at Booth: 4F-L1223
Contact us: sales@hollandmechanics.com



INLINE LACER FOR CARBON SPOKES

With the upgraded version of Holland Mechanics' Lacing machine, wheel manufacturers can now efficiently process carbon spokes. These spokes have recently become a hot trend in the cycling world, with high demand but no efficient way to mass-produce such high-end wheels. The new Holland Mechanics Lacer upgrade expands its capabilities to include carbon spoked wheels, making it a highly versatile machine within the high-end segment.



**HOLLAND
MECHANICS**

CARBON & ALUMINIUM

BY GLORY WHEEL

HIGH-END WHEEL LINE

Glory Wheel (GW), a leading supplier of high-performance bicycle components, specializes in wheelsets, hubs, headsets, and thru axles. 30% of bicycles from the world's top 10 bicycle brands are equipped with GW components.

Exceptional Production Agility

With over 150 high-end CNC machines and in-house anodizing, laser engraving, assembly, and customization capabilities, GW can quickly adapt to changing demands, scale production, and ensure on-time delivery.

Strategic Global Service Hubs

With advanced facilities in Taiwan, Italy, the USA, and Vietnam, GW operates global service hubs that support key markets in Europe and the U.S., strengthening client relationships and providing real-time assistance.

Mutually Beneficial Business Model

With a service-driven business model, GW continues to grow by fostering win-win partnerships. Centered on mutual benefit, we meet core customer needs while ensuring shared success and long-term collaboration.

At GW, we are committed to delivering solutions that set new standards in the bicycle industry. We're not just addressing today's challenges—we're engineering the future.

VISIT GLORY WHEEL AT
TAPEI CYCLE SHOW
BOOTH 4F-M1320, HALL 1

GW

Challenge Accepted!



WBIA EVENT AT TAIPEI CYCLE

CALL FOR INDUSTRY-WIDE ACTION

Yesterday's WBIA event highlighted the need for industry unity as a foundation for a sustainable future. The Show Daily reports on the panel discussions.

On the opening day of the Taipei Cycle Show 2025, the World Bicycle Industry Association (WBIA) gathered global industry leaders for a discussion on sustainability and advocacy in cycling. Under the theme "Pedalling Towards Net Zero," the event was a strong call for deeper collaboration across supply chains, industries, and political spheres to accelerate decarbonization efforts and position the cycling industry as a key player in the global sustainability transition.

The conference room in Hall 1 of the Taipei Nangang Exhibition Center was filled with top decision-makers and stakeholders, including Robert Wu (Taiwan Bicycle Association and KMC Chairman, WBIA Board Member), Bayram Akgül (WBIA and BISED President, Salcano and CONEBI Board Member), Massimo Panzeri (CONEBI President and Atala CEO), Anke Schöffner (Chief Policy and Advocacy Officer, ZIV), Charlie Liu (Giant ESG Manager and President of the Bicycling Alliance for Sustainability), Jeff Chen (Chairman of the Bicycling Alliance for Sustainability), Stefan Reisinger (CEO of Eurobike), Bob Margevicius (WBIA, WFSGI, and Specialized Vice President), Dr. K.B. Thakur (AICMA Secretary General), Vicky Yang (Chairperson of the Cycling Lifestyle Foundation and YouBike), and Greg Chang (Bicycle and Life Editor-in-Chief).

Robert Wu opened the event by emphasizing the necessity of a collaborative approach to achieving net-zero emissions. "We must learn from each other — from Taiwan, Europe, America, and beyond — to create a truly sustainable future for cycling," he said. Bayram Akgül reflected on his first visit to Taiwan in 1999, at the very start of his career in the family business. "Taiwan has always been a place of innovation and cooperation," he said. "If we can take this spirit of working together and apply it on a global level, we can overcome supply chain challenges and drive real change." Their words set the tone for the entire event: sustainability is not just a responsibility but a shared mission that demands international cooperation.

The first panel, "Sustainable Supply Chains and Cycling Advocacy: Driving Decarbonization Together," seamlessly built on this spirit of unity. It emphasized that collaboration across all



The participants of the first discussion panel at yesterday's WBIA event (from left to right): Stefan Reisinger (Eurobike), Jeff Chen (Novatec), Charlie Liu (Bicycling Alliance for Sustainability), Anke Schöffner (ZIV), Massimo Panzeri, Manuel Marsilio (both CONEBI).

levels of the supply chain is essential to drive meaningful decarbonization. All speakers agreed that no single company or region can tackle this immense challenge alone. Instead, the focus must be on sharing best practices, aligning goals, and building strong alliances that span countries and continents. Taiwan's efforts, particularly through the Bicycling Alliance for Sustainability, were highlighted as a model for how collaborative frameworks can turn ambition into measurable action. "Taiwan is showing leadership in sustainability, and we should share this expertise with the world," commented Charlie Liu. Jeff Chen added examples of successful sustainability initiatives within supply chains: "Many companies are already implementing solutions like water recycling and sustainable saddle production, but we need to amplify

these efforts industry-wide," he said.

The second panel, "Uniting the Industry and Advocacy for Political and Cultural Change," shifted the conversation from internal collaboration toward external influence. "The argument that cycling is simply an eco-friendly form of transport can't be our only story," emphasized Anke Schöffner. "It's crucial that companies and associations align their activities, share best practices, and pool their knowledge. When you approach political stakeholders, they don't have time to listen to 20 different voices — they want clear proposals and solutions. We need to show local politicians and authorities what we are doing and where our projects are." A comment from Bernhard Lange, made from the audience during the event, fit perfectly: he suggested that one unified European or German voice,

supported by concentrated industrial power, could be more effective in their respective regions.

In conclusion, the WBIA event sent a powerful and unmistakable message: the bicycle industry stands at an important crossroads. Without collaboration and unified action, the challenges of decarbonization, shifting markets, and growing regulatory complexity are simply too great to overcome. But with a strong, collective effort that spans business, politics, and culture, the cycling industry has the potential not only to adapt and evolve but to lead the way forward. The call from Taipei was loud, clear, and urgent: work together, speak with one united voice, and accelerate meaningful change — because the future of sustainable mobility, and the health of our cities and planet, depends on it. ■ **WMS**

● ● Eurobike

Hello Future

Join the global platform
for cycling and ecomobility

June 25–29, 2025
Messe Frankfurt, Germany

EUROBIKE Festival: June 28–29

Tickets
now available



D-VELO

SPEED TECHNOLOGY

DAHON
Simply Faster

TELODON C8 AXS



TELODON C8 AXS

SIMPLY FASTER

D-VELO technology suite optimizes bicycle design and improves speed.

So, whether it's a large or small-wheeled bicycle, it reaches the next level of performance!

MARCH 26-29
2025

TAIPEI
CYCLE

VISIT DAHON AT:

BOOTH M0511
HALL 1 | 4TH FLOOR

VOX POP**WHY ARE YOU ATTENDING TAIPEI CYCLE?****Grégory Trébaol**

Rebirth Group,
founder & CEO
France

I'm here for a lot of meetings with suppliers. This is a big annual meeting point for us. It's a

period of recovery. My view on the industry is optimistic, and we're here for meetings to restart the order process. And we're always looking for new trends, like thermoplastics, that's an interesting new trend at the moment.

**Matt Jenkins**

Powerlife Ventures
and G-Form
Thailand

I'm a distributor in Thailand, looking for new and exciting products for Southeast Asia.

I'm also the Asian sales manager for G-Form. It's a protection company using Smartflex, a flexible material that hardens on impact. We don't have a stand but I'm here to meet other distributors and customers, have a look at the show and maybe find partners for Indonesia, the Philippines and Taiwan.

**Chethan Ram**

Antilope Bikes,
director
India

We're a manufacturer in India making road and gravel bikes, so we're looking for components

— handlebars, stems, wheelsets and a few other components. We'll be the first to make bikes with carbon frames in India, and we need to find the components to go live this year.

**Stephan Räkors**

Better Source,
managing director
The Netherlands

I'm already in the bike business for 30 years, and this is maybe my 15th time here. I wasn't

here the last four years because of Covid and bad business. I needed to visit some factories in Bangladesh, so I decided to continue the trip a bit longer and go to Taipei. Let's see if business is picking up again and if there are any innovations. I'll say hello to a lot of people I haven't seen for a few years — and see how the bicycle business is doing, is it going up again or still struggling.

**Jennifer Huang**

Cycletech Vietnam,
sales manager
China

I'm here for the first time. I'm a salesperson for a bike manufacturer with a factory in Vietnam,

so I'm here to have some meetings with customers. The other years it was my manager who was having the meetings, and I stayed at the factory. But now I'm in charge of more customers, and they come to this show so I'm also here to meet them.

**Elliot Odigie**

U.S.A.

I'm a first-time visitor, so I am just open minded. I want to see the new technology that's out there, taking it back to the United

States to show it to my colleagues. I'm in oil and gas, so I just do this for leisure. I ride bikes a lot and I have a lot of bikes myself. I'm originally from Nigeria and I'm looking at the possibility of selling some of these products in my home country.

**Peter Kenrick**
Taiwan

To see some cool new tech, I guess. Anything to do with bicycles. I just love bicycles, I'm a cyclist. I've been riding for 15 years

and I have a 3D printed titanium bike from Tom Sturdy. I saw some interesting 3D titanium printing tech from an exhibitor on the first floor. That's the most interesting thing I've seen so far.

**Amy Huang**

Astro Tech, senior
sales manager
Taiwan

Compared with last year, there are more visitors — it's getting better and this show is popular. But the

market is still not back. We're a frame factory and most of our products are shipped to America and Europe. We are hoping the market will come back soon, but we're still waiting for the European market. We're hoping it will get better soon. Our main job here is to meet with customers old and new to discuss new projects.



Lucas Huang is product manager at Acer Gadget

ACER GADGET BRINGS PREDATOR BRAND TO CYCLING

Anyone interested in gaming will be well aware of **Acer's [Hall 2 / R0508]** Predator brand gaming laptops. Now, the Taiwanese tech giant is bringing the brand to the cycling world as well. With the Predator eNomad-R, they're introducing an e-fat bike designed for commuters. The bike features a 250-watt rear hub motor and 20 x 4-inch tires. Additionally, the model stands out with plenty of customization options for its components—all while reflecting Predator's playful yet heroic brand identity. In a conversation with the Show Daily on day 1 of this year's show, product manager Lucas Huang explained that the bike is another building block in Acer's mobility strategy. "We have now a complete model range for urban cyclists and commuters in different variants," he said. At the Acer booth, visitors can indeed discover a variety of commuter solutions, including the Predator eNomad-R, e-scooters, and the AI-powered e-bike Ebii. The clear message: the tech giant has big ambitions in the cycling industry—not just with its Acer brand, but also with the playful Predator brand. ■ **WMS**

CTE**FOCUS ON NEW MATERIALS**

Crystal Lu (Business Development Manager) and Henry Chiu (President) at the CTE booth in Hall 2.

Thermoplastics have gained strong momentum in the bicycle industry, driven by the push for more sustainable materials. More companies are showcasing solutions that combine performance with recyclability — offering a clear advantage over traditional carbon fiber, which is difficult to recycle. Among the new players entering the international cycling scene is **Chi-Tai Enterprise [Hall 2 / S0317]** from Taiwan.

"CTE, founded in 1979 by Mr. Chiu Ching-Yen, started as a trading company for manufacturers in Taiwan and abroad. Over the years, we've built a strong reputation in the plastics industry," Crystal Lu, Business Development Manager, told the Show Daily on Wednesday. "With sustainability more important than ever, we focus on developing

and sourcing environmentally friendly materials to help our customers reach their own sustainability goals."

At this year's Taipei Cycle Show, Chi-Tai Enterprise presents itself as a reliable partner for manufacturers looking to use recyclable materials. "More bike brands are searching for alternatives to carbon and want materials that can be reused without compromising performance," Lu said, adding that the company not only supplies materials but also advises on their best application.

The takeaway from visiting their booth: the shift toward circular materials in the bicycle industry is clear. With global partnerships and a strong focus on practical solutions, CTE is emerging as an interesting player in this transition. ■ **WMS**

FSA LAUNCHES METRON RS A HIGH-END VISION FOR WHEELS

FSA is using the global stage of the Taipei Cycle Show to premiere new top-tier carbon performance wheelsets for road cyclists and triathletes.

With its Vision brand, **FSA [Hall 1 / M1212]** has an equally long and proud history of success in professional competition, both on the road and in triathlon. Just take a close look at the handlebars or wheels of some of the top competitors in both sports. Today, FSA is making good use of the grand stage that Taipei Cycle offers by launching the Metron RS as its new top-of-the-line wheelsets for road and triathlon bikes.



Metron RS represent Vision's new state-of-the-art wheelsets for road and triathlon bikes.

The RS appendix in the product name stands for Racing Series, sending a clear message that these wheels have been built with performance in mind, representing the fastest and most aerodynamic products in the line. The Metron RS wheels feature hubs with an improved flange design and a super-fast engaging freehub laced to wider, carbon rims with redesigned aero shapes and carbon-bladed aero spokes.

All Metron RS wheelsets are meticulously assembled by hand, with all the carbon parts built in-house to ensure an end-to-end

quality control. And they're already being put to the test—last weekend, four top-tier teams competed on Vision's new Metron RS wheels at Milano–Sanremo during the season's first monument of cycling.

The Metron wheels will be launched today at 5:30 p.m. at Taipei's Grand HiLai Hotel next to Nangang Exhibition Center's Hall 1, a high-class location befitting of the wheelsets of the hour. ■ **LvR**

STICKS LIKE GLUE—YET REMOVES EASILY!



ONE-CLICK MAGNETIC BOTTLE SET.



FEATURES

- New improved design means the bottle is even more secure.
- Mount on the down tube or the seat tube—or both!
- Simple mechanism—Push down then pull, in one movement.
- 550ml or 750ml.
- Fits all bike/e-bike types.
- Perfect for small frames.



BOOTH NO V-GRIP I1217

The NEW M-WAVE PURride TPU TUBE



messingschlager.com/en/tpu

- Ultra-lightweight
- Increased puncture protection
- Ultra-compact, perfect as a spare tube
- Easy installation and repair
- TPU valve stem with bonded aluminum valve core



M-WAVE

HIGH-END ROAD BIKES CARBON RACERS SET THE PACE

One trend quickly stood out on the opening day of Taipei Cycle 2025: high-end road bikes are among the more noticeable exhibits. Major industry brands, including Taiwan’s own market leaders Giant and Merida, featured their flagship models prominently. However, it’s not only local manufacturers attracting attention; a significant number of international brands have also made their presence felt.

One notable example is the Italian brand Pinarello, represented locally by Taiwanese distributor **Sunstar [Hall 1 / M0804]**. Pinarello’s extensive display reflected a significant trend amid the ongoing economic challenges faced by the bicycle industry: the continuing strength of high-end road bike sales. “I can only speak for Taiwan, but the situation here is very good for high-end road bikes,” explained Rex Chou, Sales Manager at Sunstar. “While the mid-price segment has experienced a significant downturn, Pinarello’s high-end bikes continue to sell very well.” Pinarello’s bestseller in Taiwan is the Dogma F model—a premium carbon racing bike that can exceed US\$13,000 depending on its configuration.

This stable demand for premium products is also beneficial for brands new to Taipei Cycle. Italian brand **Titici [Hall 1 / M0303a]**, exhibiting at the show for the first time, confirms this observation. Speaking to the Show Daily yesterday, General Manager Marco Compagnoni emphasized the stability of the premium category: “The high-price segment remains remarkably stable, which is positive for us.” Titici’s presence at Taipei Cycle underscores the company’s aim



Rex Chou is Sales Manager at Sunstar, the Taiwanese distributor of the Italian brand Pinarello.

to expand not only in Taiwan but also across other Asian markets.

Besides Pinarello and Titici, other Italian brands are showcasing their

products this week, including Colnago, De Rosa, and Wilier Triestina. These companies illustrate the continued strength and international relevance



Titici exhibits at the Taipei Cycle Show for the first time.



The Jayco AIUla WorldTour team currently uses Giant’s Trinity model.

of the premium road bike segment. Despite economic uncertainties in the cycling industry as a whole, the demand for high-end road bikes appears stable and robust. ■ **WMS**

MOBILETRON/DUROFIX PLENTY OF TORQUE



Durofix has some sample bikes with its mid-drive motors and batteries at its booth

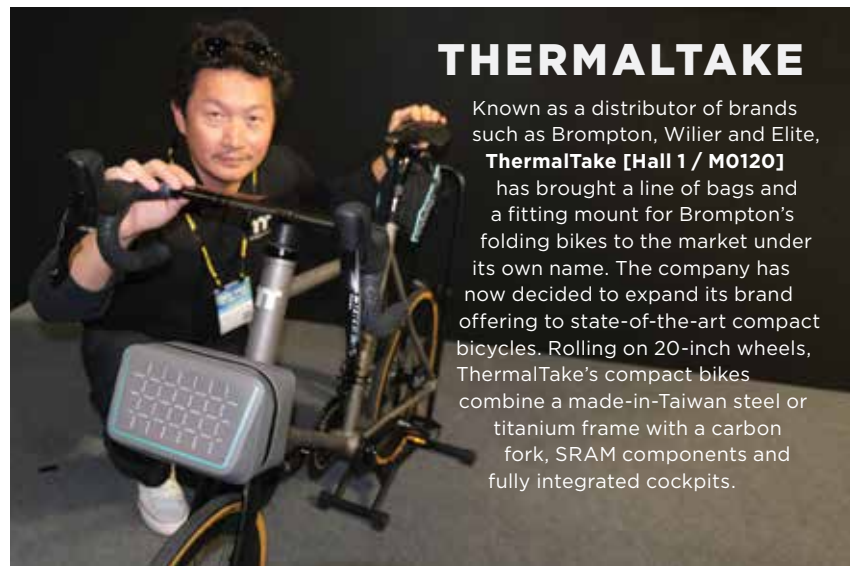
Mobiletron Electronics [Hall 2 / R0530], a large Taiwanese automotive supplier, is launching its first e-drive systems at this year’s Taipei Cycle under the Durofix brand. So far this brand has been known for power tools, so there already is plenty of in-house knowledge available both in terms of electric motors and batteries. While the first steps towards building an e-drive system were taken early on, the development of the mid-drive motors presented at Taipei Cycle was only undertaken in August 2024.

The two motor units premiering at the show offer plenty of torque. Intended for use on e-city and e-trekking bikes the 36-Volt GM3601 motor cranks out a maximum of 130 Nm, while the 48-Volt GM4801 unit for cargo bikes reaches a whopping 200 Nm. “This

maximum torque can be throttled through software, resulting in more range,” Field Application Engineer Kevin Chiu explained at the company’s booth yesterday. The batteries are offered with either 500 Wh or 1000 Wh capacity – and to a certain extent their shape can be customised to facilitate their integration into downtubes.

“While the motor and the batteries are built in-house, making good use of our know-how from building power tools, we rely on a supplier for the controller and display,” Chiu explains. “More compact and lightweight motors are under development as well.” While the competition on the e-drive market is fierce, know-how and in-house production capacity put Durofix in a promising position for commercial success. ■ **LvR**

THERMALTAKE



Known as a distributor of brands such as Brompton, Wilier and Elite, **ThermalTake [Hall 1 / M0120]** has brought a line of bags and a fitting mount for Brompton’s folding bikes to the market under its own name. The company has now decided to expand its brand offering to state-of-the-art compact bicycles. Rolling on 20-inch wheels, ThermalTake’s compact bikes combine a made-in-Taiwan steel or titanium frame with a carbon fork, SRAM components and fully integrated cockpits.

TERN NEW GSD LAUNCH



Tern chose Taipei Cycle for a soft launch of the third generation of its GSD compact longtail cargo bike. Apart from ABS braking and GPS tracking as a means of theft-protection, the new GSD has been refined to offer more ease of operation. The new GSD was available for test rides on the first day of the show only, with Senior Strategist Michael McManus.

RECYCLE USE DUCE



Protecting the Earth

Recycled raw materials:
PP, Nylon, Eva, PU, ocean plastic,
AT-Rubber, steel and CR-MO, etc.



{ VL-3663 }



{ VL-3664 }



{ VL-6221 }



{ VL-6590 }



{ VL-3665 }



{ VL-6592 }



{ VL-6608 }



{ VLG-2064D3 }



{ VLG-2085D2 }



{ VLG-1985D3 }



{ VLG-2098 }



2025 TAIPEI CYCLE

J0618

www.velosaddles.com



INDUSTRY SUSTAINABILITY PROGRESS

GREEN PRODUCTS HERE TO STAY

Sustainability remains a top priority in the bicycle industry. The Show Daily has compiled an overview of the latest developments.



Sustainability continues to be a focus topic for many companies in the bicycle industry.

From manufacturers to brands to bike retailers, sustainability is a central issue for the bicycle industry, spanning the entire supply chain. This focus is also reflected at this year's Taipei Cycle Show; at the exhibition booths, in show-related keynote speeches and at events organized by various industry organizations. Among them, the Taiwanese Bicycling Alliance for Sustainability (BAS) is once again hosting its exclusive ESG Global Initiative Forum today at the Taipei Cycle Show. Last year, the event was held to bring together decision-makers from the global bicycle industry to discuss sustainability efforts in the sector. This time, a three-hour program is once again planned, featuring presentations on the latest achievements of the Bicycling Alliance for Sustainability as well as the introduction of a dedicated Human Rights Code of Conduct. The goal? To advance the sustainable development of the cycling industry in alignment with ESG principles.

This high-profile initiative by the Taiwanese industry organization appears to come at just the right moment since the latest developments suggest that sustainability in the bicycle industry is at a crossroads. On one side, the ongoing economic downturn is pushing many companies to the brink, forcing them into stringent cost-saving measures. On the other, new regulations demand stricter reporting, customers expect greater transparency, and investors are prioritizing long-term stability—brands that fail to take action risk falling behind. In Taiwan, suppliers are under especially strong pressure to align

with the sustainability requirements of European manufacturers, while in Europe, businesses are adapting to increasingly stringent CO2 reduction goals. Despite all the challenges, experts agree that sustainability is no longer optional for the industry.

Looking Long-term

"Sustainability is a marathon, not a sprint," comments Sebastian Olenyi, an experienced sustainability consultant who works with his German agency, Sustentio, with several high-profile clients in the bicycle industry. "Despite all the challenges, the bicycle industry must recognize that sustainability is not a trend but a fundamental shift," he says. "Therefore, ignoring the topic is no longer an option. With increasing regulatory pressure and consumer awareness, businesses that hesitate, risk falling behind—not just in compliance, but in overall market relevance," he continues, citing an example: "Just look at Tesla—controversial behavior at the leadership level has led to a significant backlash when it comes to sales. Businesses today have no choice but to take their responsibility seriously—or they risk losing both trust and revenue."

While the bicycle industry has largely avoided major scrutiny, Tesla's recent stock market nosedive serves as a warning of the risks businesses face when failing to address sustainability and ethical concerns. Neither The Telegraph's 2023 report on labor abuse at a Malaysian Shimano supplier nor Le Monde's February 2025 investigation into questionable working conditions in Taiwanese factories has caused much



Giant showed a CO2 footprint calculation for their TCR road bike at last year's Eurobike.

of a stir. "The bicycle sector has been relatively lucky up until now," Olenyi observes. However, he issues a warning: "Many companies are in the same boat—when scandals break, they can hit multiple manufacturers at once. To stay competitive in the long run, businesses must address the evolving regulatory landscape and consumer concerns."

How Bike Companies Embrace Responsibility

The good news is the bicycle industry has made significant strides in recent years. Today's ESG Global Initiative Forum is just one example of how more industry leaders are embracing their responsibility. Many factories have started working on reducing their energy consumption and emissions. More brands are integrating recycled aluminum and researching carbon recycling solutions. Many are making an effort to lower transportation



Erik Bronsvort is a Dutch sustainability expert and founder of Circular Cycling.



Sebastian Olenyi is a German sustainability expert and founder of the agency Sustentio.



Jeff Chen is the General Manager of Novatec (Joy Industrial) and Vice Chairman at the BAS.

emissions by manufacturing closer to key markets. Closed-loop manufacturing is increasingly becoming a focus, and battery recycling programs and sustainable packaging initiatives are also expanding. This is reflected in the increasing number of sustainability reports, published by more and more bicycle companies, detailing advancements in CO2 reduction, greater supply chain transparency and improved social standards.

"It's true. In the last two or three years, we've seen numerous new sustainability reports in the cycling



More and more companies are implementing recycling procedures for their aluminum waste.

industry,” confirms Erik Bronsvort, co-founder of the organizations Circular Cycling and Shift Cycling Culture, and a sustainability expert who has been observing the sustainability ambitions in the cycling sector for many years. “One reason is certainly the increasing political pressure. Regulations like the European Union’s Corporate Sustainability Reporting Directive force larger companies to engage more deeply with sustainability reporting and their supply chains. Another reason is that it’s been realized that sustainable practices don’t necessarily have to cost more but can actually save money—for example, through energy savings.

However, the most important reason is that companies have recognized that reporting gives them a better understanding of the business and where they can have the greatest impact, also in terms of innovation,” he summarizes.

Taiwan’s Bicycling Alliance for Sustainability

A promising development in recent years is the increasing cooperation between bicycle companies to tackle sustainability challenges together. Instead of each brand working in a silo, industry players are increasingly joining forces to drive meaningful change. The best example of this is the Bicycling Alliance for Sustainability (BAS), which has grown from 33 founding members in 2022 to more than 80 companies today, including prominent names like Giant and Merida. The alliance provides a platform for knowledge exchange, shared ESG goals and



Last summer, the Bicycling Alliance for Sustainability launched a new website.



Sustainability discussion forums have become a permanent fixture in the programs of major international bicycle trade shows, as seen here at Eurobike.

collective action on key sustainability issues. “At BAS, the different members work closely together and set common goals, for example, saving 25 kg CO2e per bicycle by 2040,” explains Jeff Chen. The General Manager of Novatec (the wheel brand of Joy Industrial) is Vice Chairman of BAS and, therefore, one of the driving forces behind the organization’s ambitions. “At our latest industry forum, for example, we discussed using eco-friendly alloys and new recycling technologies for carbon fiber. Many of our members are making real progress, and we will continue supporting them in reaching their sustainability goals.”

An overview of the latest developments shows that the road

to sustainability in the bicycle industry remains challenging, but the momentum is undeniable. While challenges such as economic pressure or setbacks such as the media reports on dodgy working conditions in factories persist, more decision-makers seem to understand that sustainability is no longer a luxury—it is a necessity. From regulatory compliance to shifting consumer expectations, companies that fail to act risk falling behind in an increasingly competitive landscape. Therefore, collaboration, transparency and innovation will be key in shaping a greener future for cycling. “Sustainability is not about short-term gains—it’s about long-term resilience,” emphasizes Sebastian Olényi. “The brands that invest in responsible practices today will be the ones leading the market in the future.” ■ WMS

CONDUCTOR

The insight, creativity and energy that keeps your brand moving forwards.

Conductor is a brand focussed graphic design and communication agency with a dedication to cycling and sport.

CONDUCTORSTUDIO.COM

Contact Jonathan Davies +44 7725 738383 to meet during Taipei Cycle Show



STOCK MARKET REPORTS

BICYCLE MANUFACTURERS POISED FOR RECOVERY

Investment analyst Shu-Yu Lin from CL Securities Taiwan (CLST) notes signs of stabilization as inventory levels at publicly listed companies Giant, KMC, Merida and Shimano decrease and demand begins to recover. The Show Daily sat down with Lin to analyze the latest figures.



The latest data of Giant, KMC, Merida and Shimano suggest that the bicycle market could recover soon.

For nearly three years, the global bicycle industry has been in a downturn. The post-pandemic slowdown, coupled with economic uncertainty and inventory oversupply, has left manufacturers struggling to maintain profitability. Companies that once thrived on surging demand in 2020 and 2021 have since been forced to navigate a prolonged period of weak sales, aggressive discounting and bloated warehouses filled with unsold stock. However, after a prolonged slump, signs of a rebound are beginning to emerge, at least when it comes to key industry players **Giant [Hall 1 / M0820], Merida [Hall 1 / M0620], KMC [Hall 1 / J0118], and Shimano [Hall 1 / M0812]**.

According to a new report from the capital and investment group CL Securities Taiwan (CLST) titled "Off to the Races – Manufacturers in Pole Position Ahead of the Next Upcycle," the above companies are showing the first indications of a rebound. "The inventory data of the public reports shows that bike component suppliers have been securing more raw materials, especially in the second half of last year," says CLST investment analyst Shu-Yu Lin in an exclusive interview with The Show Daily conducted prior to Taipei Cycle 2025. "This could indicate upcoming orders as stockpiles at warehouses begin to move again," she adds.

Inventory Declines Suggest an Inflection Point

The bicycle industry is watching closely. Over the past two years, firms across the sector have been engaged in aggressive destocking to reduce excessive inventories built up during the pandemic boom. This process has weighed on financial results, with manufacturers slashing new orders and retailers offering deep discounts to clear stock. Accordingly, manufacturers, suppliers and investors are eager to pinpoint the moment when the market shifts from stagnation to growth. Now, the data of the CLST report suggests that this period of correction is coming to an end. This is a crucial development because it would allow companies to restart production cycles at a more sustainable pace, improving cash flow and stabilizing financial performance.

According to the analysis, Giant, Merida, KMC and Shimano all report decreasing stock levels. For all four companies, the peak was reached around the turn of the year 2022/23, and inventory levels have been steadily declining since. However, there are significant differences between the companies: KMC has already returned to stock levels similar to those before the pandemic peak, while this is not the case for the others. The graphs show inventory levels of approximately 170 percent



Shu-Yu Lin is an investment analyst from CL Securities Taiwan (CLST).

for Shimano, 180 percent for Giant (pre-pandemic level = 100%), and 250 percent for Merida (see graphs provided by CLST).

"Even though we haven't gotten back to pre-pandemic inventory levels, the overall trend remains very healthy," Lin said. Interestingly, inventory levels at KMC, Merida and Shimano increased in the third and fourth quarters of 2024, according to CLST's data analysis. However, Lin sees this as a positive sign in the broader context, as this sudden rise could be linked to preparations for a higher order volume. "When a company receives new orders, they need to be prepared. We therefore interpret this increase as a positive signal that



In the report "Off to the Races – Manufacturers in Pole Position Ahead of the Next Upcycle" CL Securities Taiwan (CLST) analyzed the company reports of Giant, KMC, Merida and Shimano.

these companies are gearing up for a larger order volume than before," says the investment analyst.

Taiwan's Export Data Shows a Narrowing Decline

The export data analyzed by CLST provides further evidence that the market may be approaching an inflection point. While Taiwan's bicycle exports have been in decline for the past two years, the rate of contraction is steadily narrowing. The latest figures show that traditional bicycle exports—both in units and total value—have stabilized, while

HERE IS YOUR E-CARGO BIKE SOLUTION!

EG4A-B11

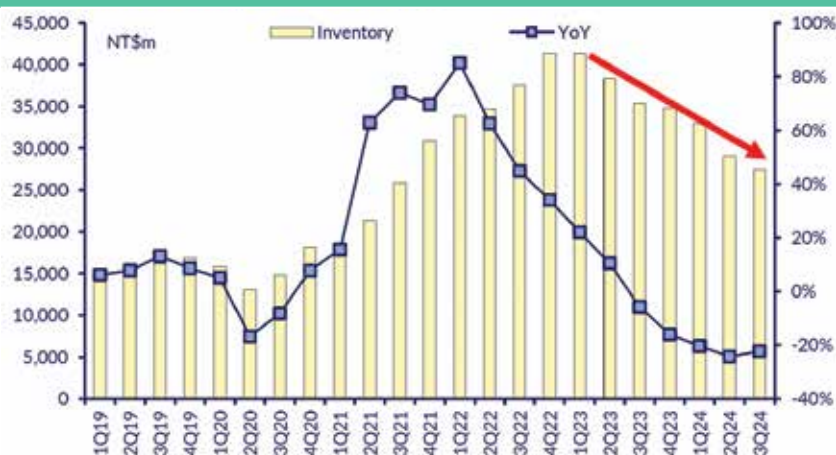
Material	Aluminum #6061
Mfg. Method	Tig Welding
Frame Size	51cm
HT	1-1/8"
Seat Post	ø34.9mm
Motor System	Bosch Drive Unit Cargo Line, Gen 4
Battery	Bosch Power Pack 400Whx2
Rear Hub	142 x 12mm E-thru System
Dropout	Post Mount
Tire	Front-20.0" x 2.15" Rear-26" x 2.35"
Weight	9.4Kg(Frame)



Booth No. : I 0610



Giant Inventory and YoY (%)



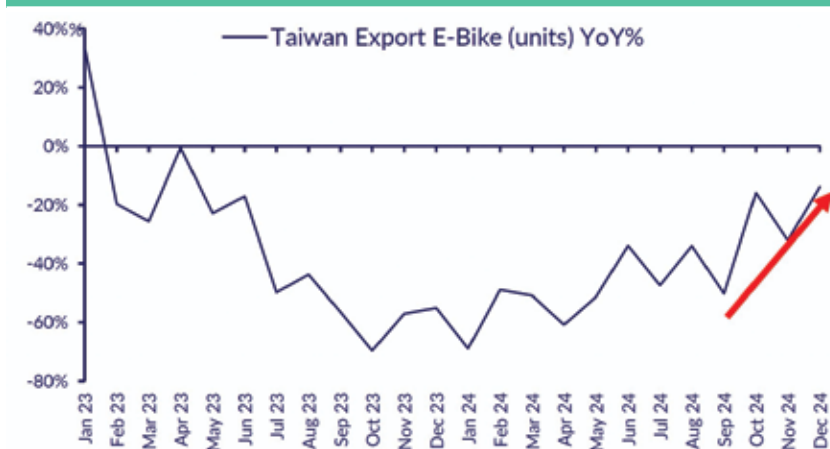
The inventory levels of Giant have been declining in the last few months.

Taiwan Export Traditional Bike (units) YoY %



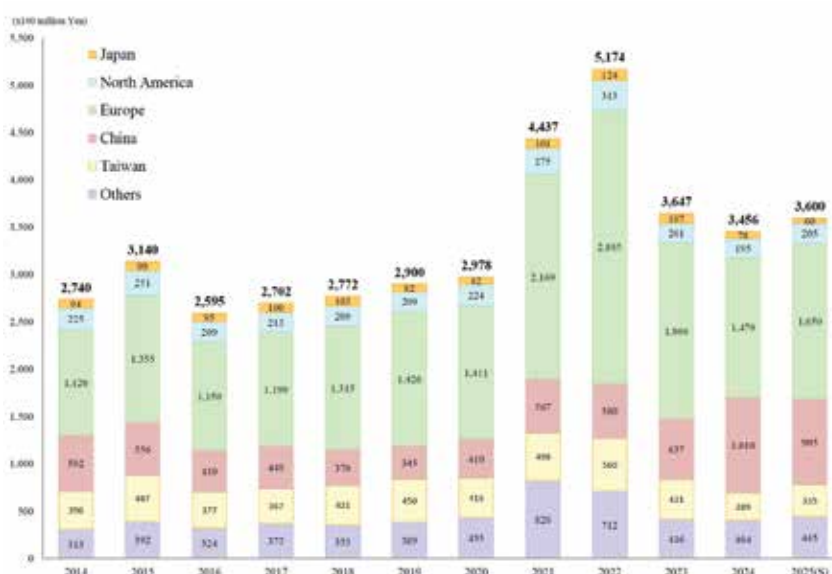
According to the data, the decline of Taiwan's bicycle exports has stopped.

Taiwan Export E-Bike (units) YoY %



The decline of Taiwan's e-bike exports has slowed down in the last quarter.

Bicycle Components Sales (by Shipment Destination)



The Shimano sales volume has stabilized above pre-pandemic level.

Bike component sales by region

Bike component sales by region				
JPYm	2022	2023	2024	2025 est
Japan	12,438	10,694	7,838	6,000
North America	31,269	20,050	19,541	20,500
Europe	288,498	186,646	147,935	165,000
China	58,049	63,665	100,975	90,500
Taiwan	56,009	42,052	28,874	33,500
Others	71,173	41,572	40,391	44,500
Total	517,437	364,679	345,554	360,000

Bike component sales by region YoY

	2023	2024	2025 est
Japan	-14%	-27%	-23%
North America	-36%	-3%	5%
Europe	-35%	-21%	12%
China	10%	59%	-10%
Taiwan	-25%	-31%	16%
Others	-42%	-3%	10%
Total	-30%	-5%	4%

For 2025, Shimano predicts an increased sales volume.

the decline of e-bike exports, a key growth driver for the industry, has slowed down.

"In the past two years, we have seen year-on-year declines bottom out and gradually turn positive," Lin explains. "The data suggests that we are nearing the end of the downturn, and if this trend continues, we could see a more sustained recovery in the coming quarters," she adds. This development is particularly relevant for Taiwan, as it remains the global hub for high-end bicycle and component manufacturing. The export stabilization points to an improving balance between supply and demand, which, if sustained, could lead to renewed confidence among manufacturers and suppliers.

Shimano's 2025 Outlook Confirms Market Optimism

Shimano, the industry's most influential component supplier, has provided further confirmation that market conditions are improving. In its latest financial guidance for 2025, the Japanese company projects a 4.2-percent increase in sales, alongside a 7.6-percent rise in operating income. While demand remains uneven across regions, Shimano expects strong growth in Europe (+12 percent) and a modest recovery in North America (+5 percent), while China – after a surge in 2024 – could see a slight contraction.

"Shimano's actual numbers for 2024 show that the European market performed slightly better than expected," says Lin. "This is a positive signal for investors and stakeholders alike." The company's latest financial projections suggest that the industry's worst phase of contraction may be over, with signs of renewed confidence among manufacturers. Shimano's ability to maintain stable sales growth despite market challenges is seen as a strong indicator of broader industry resilience.

Looking Ahead: A Measured Recovery

The analysis by CL Securities Taiwan and expert Shu-Yu Lin indicates that, after nearly three years of decline, the bicycle industry is showing signs of recovery. The key players Giant, Merida, KMC, and Shimano are stabilizing, with inventory levels shrinking and demand beginning to return. While destocking has defined the market over the past two years, the latest data indicates that this cycle is nearing its end, paving the way for restocking and renewed growth. Taiwan's bicycle exports, long in decline, are now exhibiting a narrowing contraction, hinting at a potential upturn. Shimano's 2025 financial guidance further reinforces this trend, forecasting growth in both revenue and operating income, with particularly strong expectations for the European market.

However, the data also shows that the industry is not out of the woods. While major brands are beginning to recover, smaller players might continue to struggle with discounting and market uncertainty. Nevertheless, as investment analyst Lin points out, inventory trends remain healthy and demand is showing signs of resilience. "We are nearing the end of the downturn, and we can clearly see the light at the end of the tunnel," she emphasizes. Therefore, the question is no longer whether the downturn will end, but how quickly recovery will take hold. The industry has endured one of its most challenging periods in recent history, but with stabilizing inventories, a narrowing decline in exports and positive financial projections from key players, the outlook is increasingly optimistic.

For manufacturers, suppliers, and investors alike, all eyes are now on the months ahead to see whether the early signs of stabilization will turn into sustained momentum. After a prolonged struggle, the global bicycle industry appears to be getting back in gear. ■ **WMS**

INDONESIA OVERVIEW

WHERE TRADITION MEETS POTENTIAL

The first edition of Asiabike held in Jakarta last year put a spotlight on Indonesia. We take a glance at the bicycle industry in Asia's third most populous country.

With a population of more than 280 million, Indonesia is the third-largest country in Asia, behind India and China. But in terms of GDP, the country ranks sixth, so there is potential for growth. While the domestic market is large and the demographics look favorable, the purchasing power is lacking in many places and logistics are complicated due to the geography. Still Indonesia has a long tradition of building simple utilitarian bicycles. Some of the companies that have done so have upped their game, building brands of their own and exporting them to Southeast Asia and beyond.

The most successful Indonesian corporation in this regard has been **Insera Sena [Hall 1 / M1203]**. Its Polygon brand was originally launched for export to Southeast Asian markets in 1989 but has since built distribution networks in Australia, New Zealand, North America and Europe. The key element to Polygon's success is the combination of R&D teams based in the markets the brand is targeting, with a state-of-the-art manufacturing facility in Sidoarjo, East Java. This factory has a maximum capacity of 1,000 bicycles a day for various OE customers and Polygon.

At its Sidoarjo facility, Insera Sena

manufactures steel and aluminum frames in-house, a huge advantage in terms of quality control. While Polygon's line-up is comprehensive and covers all kind of needs from children to utility and sports, the push for e-bikes has reached East Java as well. According to a report of China's news outlet Xinhua, Polygon's exports of e-bikes to Europe and North America amounted to US\$500,000 last year—a far cry from the turnover of big players, but likely a sign of things to come since the government is ready to lend a helping hand.

"The export of e-bikes is proof of the Indonesian industry's capability in downstream efforts. Indonesia demonstrates its ability to produce high-tech products and add value to meet global market demands," Trade Minister Budi Santoso said in December 2024. The ministry currently prioritizes and develops an export market expansion program aimed at increasing trade agreements with partner countries. Budi hopes this achievement in e-bike exports would inspire more Indonesian businesses to export value-added products and contribute to Indonesia's economic growth.

Another domestic Indonesian brand, United Bike, was launched by Terang Dunia Internusa in 1991. Before



The Polygon brand is leading the way in Indonesia's bicycle industry.

that the company had been producing spare parts for bicycles. **Deli Tire [Hall 1 / M0507]** has been putting rubber on bicycle rims since 1970, while Wim Cycles has been in business since the late 1970s and nowadays

is known for its extensive range of bicycles and accessories. Add PT John's Glove as a supplier of cycling gloves to some well-known brands, and the potential of Indonesia as a manufacturing hub shows. ■ LVR

ENGLISH

wellgo

C379B

- WEIGHT** 300g
- BODY** CNC Aluminum
- SPINDLE** Cr-Mo
- BEARING** DU / Sealed
- SIZE** 92 x 112 x 29 mm



BOOTH : J0518

www.wellgopedal.com

GERMAN BICYCLE MARKET

UNDER PRESSURE BUT WITH PROMISE FOR THE FUTURE

Germany has traditionally maintained a strong presence at the Taipei Cycle Show, and this year is no exception. With numerous German exhibitors showcasing their latest innovations, The Show Daily team took the opportunity to evaluate the current state of the German bicycle market.

The annual market data collected by the German industry association ZIV is widely considered to be a barometer for the entire European bicycle industry. After all, Germany is by far the largest two-wheeler market in the European Union, well ahead of France and Italy. Even the British market, which is significant for the global bicycle industry, does not come close to matching Germany's sales volume. As a result, the data from the German bicycle industry carries considerable weight. Expectations were accordingly high for the announcement of the latest 2024 figures, which took place on March 12. The overall market data paints a clear picture: The German bicycle industry is feeling the impact of the global economic downturn. However, despite many challenges, there are also opportunities for growth.



Katharina Hinse, Head of Economic & Industrial Policy at the ZIV.

A Year of Decline but Long-Term Stability

"For producers of bicycles and e-bikes, bicycle parts and accessories, 2024 was a challenging year. The stock levels are still high at many retailers and manufacturers," said Katharina Hinse, Head of Economic & Industrial Policy at the ZIV. She continued, "The 2022 record year was an unprecedented high that cannot be repeated so quickly. Despite this, demand has remained extremely stable in the bicycle market over a period of several years. There is no reason to assume that the bicycle and e-bike market could decline overall in the coming years."

A closer look at specific ZIV figures for the German bicycle market in the 2024 season shows what she means. The revenue from bicycles and e-bikes totaled more than €6.33bn, compared to €7.06bn in 2023. While this corresponds to a decline of 10.3 percent compared to the previous year, it is still significantly higher than the sales volume in 2019 which was €4bn. Across all sales channels—specialist retail, online, hypermarkets, etc.—the industry saw gross average sales prices of €500 for bicycles (2023: €470) and €2,650 for e-bikes (2023: €2,950) in 2024. The discounts offered by retailers reduced e-bike prices by an average of 10.1 percent. The prices for bicycles without a motor rose by



Photo: Uwe-stock.adobe.com

6.4 percent. According to the ZIV, the share of stationary specialist retailers in the bicycle industry remained very high at 70 percent (2023: 74 percent), while specialized online bicycle dealers amounted to 20 percent. The market share of e-bikes was 53 percent, the same as in 2023.

The ZIV data collectors also took a look at bicycle production in Germany. The German bicycle industry produced 1.97 million units in 2024—roughly the same level as in 2019. Of that number, 11.7 percent fewer bicycles were produced at 641,000 units in total (2023: 726,000 units). E-bike production fell by 14.8 percent to 1,330,000 units (2023: 1,561,000 units). In light of the crisis in the German economy as a whole, the cumulative decline of 13.8 percent compared to 2023 in the number of both bicycles and e-bikes produced is relatively moderate. "E-bikes remain the backbone of production in Germany," Hinse said.

The Consolidation Phase Remains Unfinished

A market under pressure but not without hope—this interpretation of the latest data on the German bicycle market matches the feedback from conversations with German exhibitors at this year's Taipei Cycle Show. "The current economic situation in the industry is still quite strained in my view. However, we are fortunately seeing the first signs of a gradual return to normal in the aftermarket. In OEM business, this will likely not be noticeable until the model year 2027," Nico Simons, Chief Sales Officer at tire specialist **Schwalbe [Hall 1 / M0313]** says. "Overall, we are seeing cautious and restrained behavior across many channels, with little willingness to make long-term commitments. This is problematic, as it could lead to a sudden surge in order volumes, triggering a bullwhip effect that would once again result in longer lead times," he continued.

Patrick Eikeler, Marketing and Sales Specialist at **SKS metaplast Scheffer-Klute [Hall 1 / L0312]**, confirms, "The German bicycle industry is in a challenging phase. After the pandemic-driven boom, the market is now undergoing consolidation. High inventory levels in retail and cautious consumer spending due to economic un-

certainty are slowing sales. At the same time, bicycles remain highly relevant as a sustainable and health-promoting mode of transport, particularly in the context of urban mobility concepts and the ongoing e-bike trend. In the long term, the industry continues to hold significant potential." According to his market analysis, the biggest challenges currently lie in demand trends and the aftermath of the past few years. "Sales are stagnating in many areas as retailers work through their inventories and consumers invest more cautiously due to economic uncertainty. Additionally, price pressure and rising production costs remain key concerns. While supply chain bottlenecks have eased, raw material and energy costs remain an unpredictable factor," Eikeler concludes.

Markus Schulz, CEO of **by,schulz [Hall 1 / M0104]**, describes the situation as tense. "Bicycle manufacturers are still sitting on very high inventory levels, and bikes are being pushed into the market with massive discounts. The products are passed through both online and in stores accordingly. While sales are happening, retailers are barely making any profit in the end. Consumers have a wide selection at special prices, which creates significant price pressure across the entire market. This further burdens many retailers, who are already struggling financially," he says.

Rohloff [Hall 1 / M0110] CEO Werner Schiller says, "The consolidation phase remains unfinished even after two to three years. As a component



Nico Simons, Chief Sales Officer at tire specialist Schwalbe



ZIV CEO Burkhard Stork.

manufacturer with a specialized niche product, we perceive the effects from a more distant perspective, making them less clear than they might be for bicycle manufacturers, for instance. We still see the situation as difficult and lacking transparency, especially due to unclear stock levels in retail and uncertainty regarding the timing and quantity of product flow. On the bright side, we maintain strong engagement with retailers in the aftermarket sector, ensuring stable revenue."

Pablo Alvarez, International Sales Manager at **RTI Sports [Hall 1 / M0604]**, the parent company of the ergonomics specialist Ergon, leans toward "cautious optimism," as he puts it. "Some markets are showing signs of recovery, but the environment remains highly complex for many brands due to ongoing economic uncertainties and, in some cases, persistently high inventory levels. Despite these chal-

Bicycle and e-bike production in Germany (in million units)

E-bikes form the backbone of the German bicycle industry

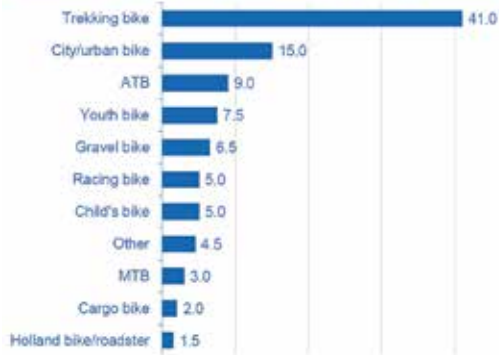
E-bikes strengthen the industry's position in the long run



Source: ZIV

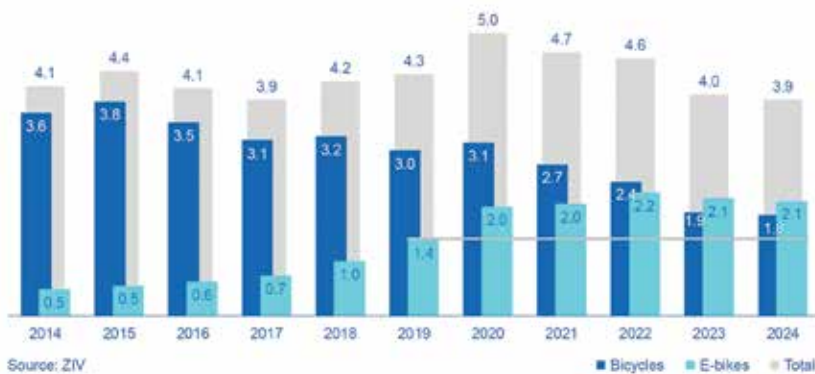
The bicycle and e-bike production in Germany declined in 2024.

Bicycle product category shares (percentage of sales)
Fahrräder für urbane Nutzung bilden deutliche Mehrheit



Source: ZIV
Trekking bikes lead the sales of traditional bicycle sales.

Bicycle and e-bike sales in Germany (in million units)
Demand remains stable



Source: ZIV
The good news: demand remained stable - for both bicycles and e-bikes.

allenges, innovation continues to drive the industry forward, particularly in segments like e-bikes, cargo bikes and mobility solutions. Companies that can adapt to these changes will likely find

significant growth opportunities in the coming years," he analyzes.

Navigating the Road Ahead
A look at the current state of the

E-bike product category shares (percentage of sales)
Stable demand for motorised cargo bikes



Source: ZIV
E-MTBs have the biggest market share in Germany when it comes to e-bike sales.



Pablo Alvarez, RTI Sports.

German bicycle market indicates that the industry is navigating a period of both strain and transition. While high inventory levels and economic uncertainties continue to weigh on manufacturers and retailers alike,



Rohloff CEO Werner Schiller.

the long-term potential remains intact. Market consolidation, shifting consumer behavior and the growing importance of e-bikes as daily transport solutions are shaping the industry's next phase. Companies that can adapt to these changes and leverage innovation in product development, supply chain management, and business strategies will be best positioned for future growth. As the latest ZIV market data confirms, despite a downturn compared to the peak years, demand remains stable, and the bicycle sector continues to play a crucial role in Germany's mobility landscape.

Hinse reached the same conclusion at the end of her presentation of the 2024 ZIV statistics: "2024 was challenging, but we are gradually beginning to see light at the end of the tunnel. We expect the situation to remain strained in 2025 and are hoping for good spring business. The first signs of improvement can already be seen in the repair and accessories business. We anticipate a significant improvement for our industry from 2026," she said. ■ **WMS**

Meet us at:
TAIPEI CYCLE
TAINEX 1 - FLOOR 4 - BOOTH M0104
26th - 29th of March 2025



e-BIKELIFTER
CARGO+ CLAMP

THE ULTIMATE SOLUTION FOR SERVICE WORKSHOPS

Secure and stable attachment of cargo bikes to your mounting stand for easy and efficient maintenance.

byschulz
INNOVATIVE BIKE COMPONENTS



* e-Bikelifter BM-65 Cargo+ CLAMP with VAR clamping arm and Kettler Cargoline FS-800

JAPANESE BICYCLE MARKET

AMID MARKET CHANGES, JAPAN REMAINS AN INDUSTRY TREND-SETTER

For decades, Japan has been a key player in the global bicycle industry. At Taipei Cycle 2025, this presence is reflected in a high number of Japanese exhibitors showcasing products and innovations that signal a market undergoing transformation.

Few countries have left as profound a mark on the global bicycle industry as Japan. From the early 20th century, when Japanese manufacturers began producing bicycles for domestic transport, to their rise as global leaders in precision engineering, Japan's influence has been both deep and enduring. Although Japan is no longer the manufacturing powerhouse it once was, its influence on the global bicycle industry remains undeniable. From pioneering the e-bike boom in the 1990s to shaping modern urban mobility with cutting-edge cycling infrastructure, Japan continues to set trends that reflect its deep-rooted cultural affinity for two-wheeled transport.

The strong presence of Japanese bicycle manufacturers at this year's Taipei Cycle Show highlights their rich tradition, with Japan boasting more exhibitors than most non-Taiwanese countries. With 24 exhibitors, Japan takes third place behind Taiwan (770) and China (57), underscoring its continued importance in the global bicycle industry. "We see the Taipei Show as a key moment to help revive Japan's export industry, and that is one of our immediate goals," comments Taka Kanda, Assistant Director at the **Japan Bicycle Promotion Institute [Hall 1 / Country Pavilion]**. "Japan's bicycle market has been facing challenges such as rising prices and global over-supply since the COVID-19 pandemic, and the country's aging population and declining birthrate. The Taipei Show is definitely very important for the Japanese bicycle industry."

A look at the numbers shows back up Kanda's statement. According to the latest POS Sales Statistics—a newly introduced market study by the Japan Bicycle Promotion Institute—Japan's domestic bicycle market is navigating a period of adjustment, with sales data reflecting both challenges and opportunities. From July to December 2024, 925,055 bicycles were sold in Japan, generating revenue of 41.7 bn JPY. City bikes remain the most popular category, accounting for 396,091 units and a revenue of 10.7 bn JPY, but electric-assist bicycles (e-bikes) are playing an increasingly vital role, contributing 132,661 units and a revenue of 16.7 bn JPY, making them the most valuable segment. "While the demand for bicycles is decreasing, the demand for electric-assist bicycles is on the rise," Hideki Namba, a spokesperson of the Japanese Bicycle Association, confirms. "E-bikes are no longer a niche segment—they have become a fundamental part of the market."

Whether electric or non-electric, city bikes remain the top choice in Japan, as confirmed by a survey of exhibitors at this year's Taipei Cycle Show. "Most of the demand comes from daily commuting rather than sports or leisure cycling," Naoya Igo



The Japanese bicycle market is navigating a period of adjustment, with sales data reflecting both challenges and opportunities. (Photo: Caracle)

explains. He is the Group Manager of the OEM marketing team of **Yamaha E-Bike Systems [Hall 1 / F0532]**, overseeing the Japanese and Overseas markets. "Over the past five years, the market share of standard urban models such as the 'Pas With' has decreased from 60 percent to 50 percent. Meanwhile, compact, small and foldable city bikes are becoming more popular," he continues, while also providing interesting insights into the target groups. "Stylish models like the 'Pas Rin' are especially in demand among high-school students. Two decades ago, e-bikes in Japan were mainly used by the elderly and those in their 30s and 40s, but today, teenagers are a major part of the customer base."

"Even today, most bicycles used in Japan are city bikes for commuting to work or school or for shopping, but bicycles for sports have become much more popular over the past 20 years," says Takeshi Hisayuki from the bicycle division of metal processing company **Tech One Co., Ltd. [Hall 1 / Country pavilion M0417a]**. The company traveled to Taipei to showcase its 10-year-old Caracle brand, which specializes in compact bikes. He and his team are in Taipei with a clear goal: "The Taipei Cycle Show is important for us to communicate with suppliers. And it's meaningful for us to participate in it to prove to the world that we are pioneers and not just copycats."

Hisayuki points to a development that is particularly challenging for the Japanese bicycle industry, as Japan's role as an exporter has declined significantly. According to the Japanese Bicycle Association, Japanese companies now produce complete bicycles almost exclusively for the



Caracle is one of the Japanese brands exhibiting at Taipei Cycle 2025. (Photo: Caracle)

domestic market, with exports being nearly nonexistent. "The presence of Japan's bicycle industry in terms of manufacturing has declined significantly over the past 30 years. With the exception of Shimano, it is fair to say that manufacturers that once had a major global impact have disappeared," Hisayuki says, also mentioning that there are currently positive developments in the opposite direction. "As bicycle culture has evolved, a new movement has emerged aiming to produce bicycles made in Japan for the global market. We are also working hard to manufacture bicycles that will be appreciated worldwide."

While Shimano and Yamaha remain the biggest names, two other internationally successful Japanese companies are also present at this year's Taipei Cycle: home trainer specialist **Minoura [Hall 1 / M1008]** and tire manufacturer **Panaracer [Hall 1 / M1006]**. Minoura President Takashi Minoura points to another major challenge facing Japanese companies today: the economy. "Since COVID-19, we feel that the global bicycle industry has been sluggish. In particular, the surplus of



The Panaracer headquarters is located in Tamba, in the Hyogo Prefecture of Japan, on the main island of Honshu. (Photo: Panaracer)



While city bikes are dominating the Japanese bicycle market, sportive cycling have lately gained importance. (Photo: Caracle)

complete bicycles has led to a shortage of funds for purchasing aftermarket products, making financial circulation difficult," he explains. Mark Okada of Panaracer Japan echoes this concern: "Since 2022, in the post-pandemic period, the market has slowed down, and the issue of excess inventory in complete bicycles persists."

For many Japanese companies, the Taipei Cycle Show is more than just an exhibition—it is a crucial gateway to the global market. With Japan's domestic bicycle manufacturing increasingly focused on serving local demand,

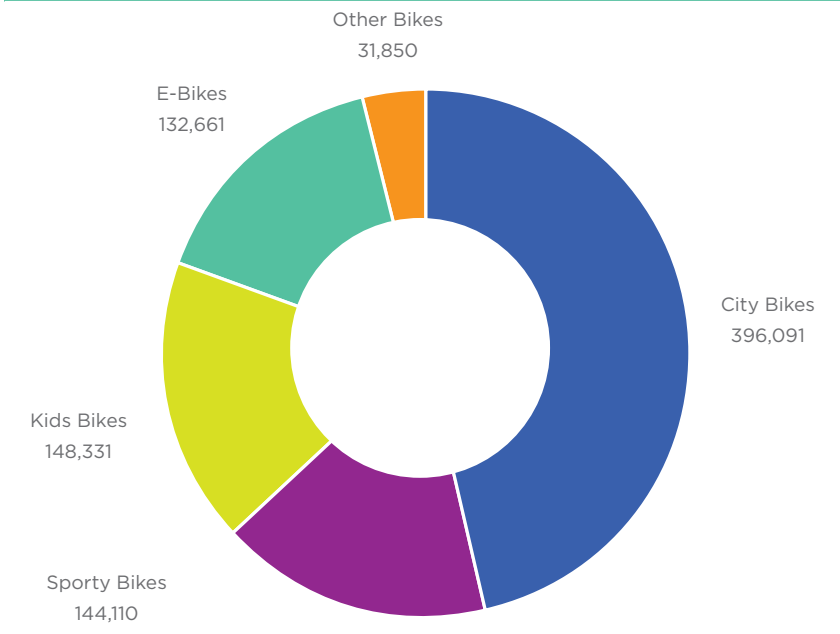


Yamaha's Pas Rin model is especially in demand among high school students.

international exposure has become a key priority. The event provides an essential platform for networking with suppliers, showcasing innovations and exploring export opportunities. At the same time, it reflects broader industry shifts, from the rise of e-bikes to changing consumer preferences and economic challenges, as currently visible in the Japanese bicycle market. Talking to Japanese exhibitors at this

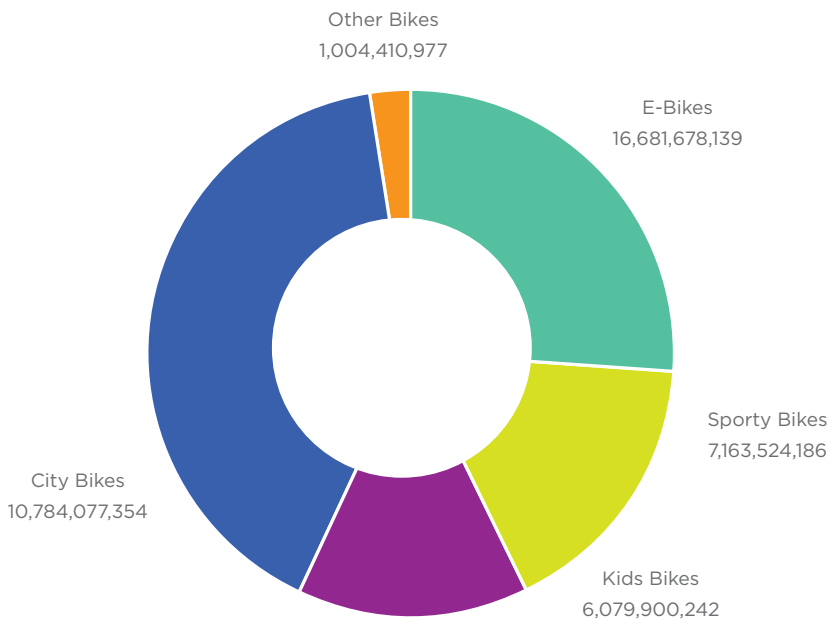
year's Taipei Cycle Show makes it clear that the strong presence of Japanese brands at the Taipei Nangang Exhibition Center underlines their adaptability in a changing market, reinforcing the country's ongoing influence. The message: Though the tides of the bicycle industry may be shifting, Japan remains influential in setting trends and standards while adapting to its role in the global cycling market. ■ WMS

Total Sales (July to December 2024, units)



TOTAL 925,055
 *POS Sales Statistics by the Japan Bicycle Promotion Institute

Total Value (July to December 2024, JPY)



TOTAL 41,713,590,897
 *POS Sales Statistics by the Japan Bicycle Promotion Institute



Discover the New Mountain Series



Which type are you?



HALL 1 / 1F / I1026
www.jetsetrim.com

ASIABIKE JAKARTA

GATEWAY TO SOUTHEAST ASIAN MARKETS

After last year's premiere, the organizers of Asiabike Jakarta are optimistic the event will attract more bicycle-related exhibitors in 2025. Changes to the show format this year aim to provide a more dynamic hub for connecting industry players and exploring the future of mobility.

Messe Frankfurt's Hong Kong office has struck a partnership deal with Indonesia's Periklindo Electric Vehicle Show to widen the scope of the existing show and run the Asiabike Jakarta as a parallel show on the same Jakarta International Expo Kemayoran fair grounds. This expansion premiered in Spring 2024 and was nicely in tune with the Indonesian government's push for more e-mobility – an aim that got further amplified by high-profile politicians visiting the show.

Asiabike's first edition attracted a diverse audience, with 35 percent of the visitors looking for conventional bicycles and 70 percent interested in e-bikes and e-scooters, reflecting market trends and local policies driving the growth of electric mobility. As a strategic gateway to Southeast Asia's vast two-wheeler market, the show brought together leading companies across the region from China, Indonesia, Korea, and Taiwan, with over 90 exhibiting brands showcasing a wide array of products. According to the organizers 93 percent of the visitors expressed overall satisfaction

with the premiere.

At its second edition, set for April 29 to May 4 2025, Asiabike Jakarta aims to provide a comprehensive trade platform for the two-wheeler industry. In addition to traditional bicycles, it also encompasses robust EV offerings to deliver a wider array of eco-friendly alternatives to car usage. Centered around this vision, the fair is designed based on three pillars of product categories: "e-mobility", which showcases advanced electric two and three-wheelers; "e-evolution", which focuses on sustainable EVs with tailored battery solutions; and "lifestyle cycling", which features traditional bicycles and related accessories.

According to Messe Frankfurt Hong Kong General Manager Edward Che there will be one major change for the second edition: "The collaboration between Asiabike Jakarta and Periklindo Electric Vehicle Show will deepen, with both shows structured by product categories rather than as separate fairs. This new format creates greater synergy and streamlines the



For 2025, Asiabike Jakarta strives to become an even more convenient platform for suppliers and buyers alike.

sourcing process for buyers by covering the entire supply chain from parts and accessories to different types of EVs all in one place." Other new elements include the two dedicated China pavilions set up by the Jiangsu International Trade Promotions Center and the China Chamber of Commerce for Import and Export of Machinery and Electronic Products.

"Exhibitor response has been strong for the 2025 edition, with around 80 exhibitors from China, Indonesia, and Singapore already



As the General Manager of Messe Frankfurt's Hong Kong office, Edward Che is in charge of Asiabike as well.



Asiabike's test track for children was busy throughout the show.

confirmed. Several well-known bicycle-related exhibitors have already secured their participation this year, including some notable newcomers," Edward Che adds. ■ **LVR**

DDK GROUP'S OXO-PRO BRAND

GETTING A GRIP ON COMFORT WITH NEW TOUCHPOINT PRODUCTS

As touchpoints, saddles, grips and pedals are key to how a bicycle feels. With OXO-Pro, DDK Group has launched a brand that serves both aftermarket and OE markets, focusing on products that combine comfort, safety and sustainability.

DDK Group [Hall 1/J0308] is a key player on the OE market for saddles and grips, producing some 20 million saddle units per year, primarily in Vietnam. Its manufacturing footprint also covers Taiwan, China and Romania, with Decathlon being one of its prime OE customers—DDK Group aims to produce parts close to where they are needed, significantly reducing its ecological footprint. In 2021, the company stepped up its game with the OXO-Pro brand, teaming up with experienced industry manager Ronny Höglund as Strategy Manager and combining European design and development with Asian effectiveness and networking.

The launch of the brand at 2022's Taipei Cycle Show could hardly have been any better as it won a d&i Gold Award for the design of its first grips. Aiming at the comfort and utility market, these grips feature an integrated lockring patented in Taiwan, the EU and the USA that's easy and safe to use. The lockring turns the complete surface of the grip into a contact patch,

adding to the grip's comfort. In 2023, it followed up with the Performance II grips, expanding OXO-Pro into more sporty applications. Thanks to its concave shape and narrow diameter, the Performance II grips offer comfort while keeping the hands from slipping.

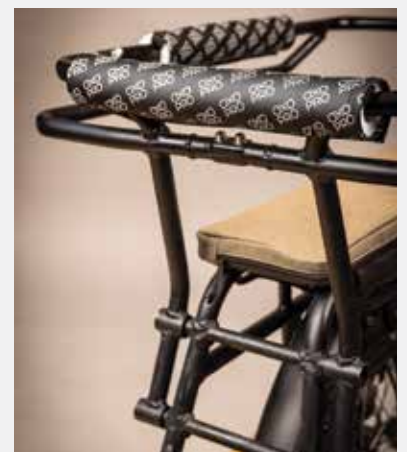
One OXO-Pro standout feature is its aftermarket packaging with clear design and brand identity. But this packaging has also been developed with a hands-on approach so consumers can try the grips in a correct position, and thanks to a selection of vibrant colors, the grips are well visible in bike shops. "OXO-Pro has already seen considerable aftermarket success in countries like Taiwan, Singapore, Malaysia, South Korea and Japan. Thanks to a distribution agreement with the DDK Group we also have a strong partner to grow its aftermarket business in Europe and Northern America," Höglund explains.

Due to its larger volumes, OXO-Pro is aiming at the OE market as well, offering product managers flexibility in terms of



OXO-Pro's Strategy Manager Ronny Höglund shows the brand's clever spoke reflectors.

colors and the choice of fully recycled or anti-bacterial materials. Latest additions to the line-up include unique spoke reflectors for increased head-on visibility in traffic and bar ends that add



OXO-Pro's paddings for carrier cradles

options to grab the handlebar, thus reducing fatigue. Again, the core values of safety and comfort are key. And here at 2025's Taipei Cycle Show, OXO-Pro launches paddings with extra-thick foam and reflective accents to be mounted to the carrier cradles of longtail cargo bikes. ■ **LVR**

VELO

A NEW ERA HAS BEGUN

In 2024, Velo entered a new phase as Ann Chen took over as CEO, marking an important transition for the company. We spoke with the new CEO about her role and Velo's plans for the future.

Talking about saddles, grips, and handlebar tapes in Taiwan inevitably leads to the name **Velo [Hall 1 / JOG18]**. Founded in 1979 by Stella Yu, the company has evolved from a local manufacturer in the Taiwanese city of Taichung to a global leader when it comes to bicycle components, with a full production capacity of up to 12 million saddles annually, along with up to 20 million grips and up to 4 million packs of bar tape. "In total, we have five production centers in Taiwan, China and Vietnam, with a workforce of around 1,000 employees," CEO Ann Chen summarizes. Having been a long-time employee at Velo, Chen served as Stella Yu's right-hand woman for years. But in 2024, the company's 45th anniversary, she followed in the founder's footsteps and took over her position.

For Chen, stepping into the role of CEO is both a personal milestone and a continuation of a shared vision. Having worked closely with Yu for 17 years, she describes their relationship as one built on trust, mentorship and shared ambition. "There are so many things I've learned from Stella that it's hard to write them all down," she says. "Stella sometimes tells people that I share quite a few similarities with her," she adds, adding that—despite her formal retirement from daily operations—Yu continues to provide guidance and oversight at Velo. "She offers us valuable advice and opportunities for improvement. Most of the time, she agrees with my decisions—I guess I haven't made any wrong ones yet," she says with a smile.

With the bicycle industry facing economic uncertainty, high inventory levels and shifting consumer demands, Yu's continued involvement provides stability and reassurance to Velo. Regardless of the current challenges, Chen remains confident in her company's long-term strategy. "We have no ability to change the market situations because this is a global problem," Chen explains. However, she sees this period as a chance to strengthen the company from within. "Less stress in production means opportunities and time for improvements. We can rethink and map out our company's long-term plan. Since cycling is considered to be green transportation, we truly believe this industry will not disappear. As long

as we keep up our work, we believe that the future will still be good."

The bicycle as a green mobility alternative is, indeed, a key topic for Chen, as sustainability plays a crucial role in her plans for Velo's future. This became evident at the last Taipei Cycle Show when Chen, during a keynote on the company's strategy, dedicated a significant amount of time to discussing sustainability. "We firmly believe that ESG is not just a trend or fad but a responsibility we must uphold consistently because we have only one planet," Chen explains. In fact, Velo has also significantly focused on diminishing its environmental impact over recent years. The company is a member of the Bicycling Alliance for Sustainability and has meticulously calculated its internal CO2 emissions per the ISO 14060-1 standard, a benchmark for greenhouse gas quantification. Additionally, they have implemented recycling technologies such as form recycling into their production processes. "It's about taking small steps towards the bigger goal," Chen states.

Alongside its commitment to sustainability, Chen and her team are also focusing on structural expansion to ensure Velo remains competitive in a changing market. As part of this strategy, the company has opened a new production facility in Vietnam's Binh Duong province to increase efficiency and enhance its global supply chain. "The Vietnam factory is an important step for Velo to optimize our supply chain and expand our production capacity," explains Chen. The facility allows Velo to respond more flexibly to market demands while also making manufacturing more sustainable. "By strengthening our presence in Southeast Asia, we can offer better logistical solutions for our customers while also reducing our carbon footprint through shorter transportation distances," she adds.

A new era at Velo has begun, and Chen is prepared to steer Velo into this new chapter. "I believe it's the right moment for me to embrace the leadership mindset at Velo," she says, not without mentioning the importance of Stella Yu's lifetime achievement: "Stella's vision and dedication brought Velo to where it is today, and it's now our responsibility to build upon that legacy." ■ WMS



During their traditional dinner party before the start of Taipei Cycle 2024, Velo had two reasons to celebrate: the company's 45th anniversary and the introduction of Ann Chen as CEO, pictured beside founder Stella Yu. (Photo: Werner Müller-Schell)



A behind-the-scenes look at Velo's saddle factory in Taichung. (Photo: Werner Müller-Schell)



With a full production capacity of up to 12 million saddles annually, Velo is one of the most important saddle producers in the world. (Photo: Werner Müller-Schell)

ENGLISH

**FROM IDEAS TO SHELF
TAILORED FOR YOU**

FPD
YOUR PARTNER IN PRODUCTION

Visit us @ Taipei Cycle 2025 · Stand J1018, Hall 1, TWTC

PRODUCT OVERVIEW: SUSTAINABLE PRODUCTS

RECYCLED, RENEWABLE, RESPONSIBLE

From biodegradable lubricants to recyclable accessories and eco-friendly manufacturing, sustainability takes center stage at this year's Taipei Cycle Show.



Numerous companies are showcasing sustainable products at this year's Taipei Cycle Show. (Photo: RideWrap)

Sustainability is no longer just a buzzword in the cycling industry—it's a driving force behind innovation. As environmental awareness grows, brands are responding with new materials, smarter production methods and product designs that minimize waste and carbon footprints. This shift is evident at Taipei Cycle 2025, where manufacturers are showcasing groundbreaking solutions aimed at making cycling more eco-friendly from every angle.

Whether it's biodegradable chain lubricants, fully recyclable handlebar tape, or saddles designed for easy disassembly and reuse, this year's exhibitors are proving that sustainability and performance can go hand in hand. Advances in manufacturing automation are reducing energy consumption and material waste, while new tire technologies are cutting CO2 emissions without sacrificing durability. Even packaging is getting a rethink, with companies introducing waste-reducing designs that improve both user experience and environmental impact. In this product overview, we take a closer look at the brands leading the charge toward a greener ride—showcasing the most innovative, eco-conscious products debuting at Taipei Cycle 2025.



The KMC Go Wax bike chains are designed to reduce the drivetrain's environmental footprint. (Photo: KMC)

Lubricants: Moving Toward Biodegradable Solutions

Traditionally, a bicycle's environmental impact is largely shaped by its materials and lubricants. However, Tainan-based drivetrain specialist **KMC [Hall 1 / J0118]** is proving that sustainability can be improved in this area as well. The KMC GO Waxed Chain is engineered with long-term sustainability in mind, replacing conventional lubricants with biodegradable, wax-based materials. This innovation not only extends the drivetrain's lifespan but also makes both manufacturing and maintenance significantly more eco-friendly. Another major benefit of the KMC GO Waxed Chain is the elimination of greasy, hard-to-clean residues and the need for harsh solvents—saving you time on maintenance and making every ride more enjoyable.

Another sustainable initiative in the field of lubricants comes from **Stan's [Hall 1 / L0112]**. The U.S.-based cycling accessories brand is expanding its commitment to innovation with a new line of bio-based bicycle care products designed for riders who prioritize both performance and environmental responsibility. Developed in collaboration with Whistler Performance Labs, these eco-friendly solutions include chain lubes, bike wash and ForkBoost, a unique suspension enhancement lubricant. Unlike conventional bike care products, Stan's bio-based range is made from organic, USDA-certified bio-based ingredients, reducing harm to both riders and the environment. By integrating advanced biomaterials, this line aligns with Stan's ongoing mission to enhance the riding experience while reducing environmental impact.



Nuvo has long been committed to sustainability and is showcasing a recycled bottle cage in Taipei. (Photo: Nuvo)

Recycled Accessories: The Future of Sustainable Components

Our sustainability journey takes us next to bike accessories. Taiwanese manufacturer **Nuvo [Hall 1 / K1015]** continues to make waves with its commitment to sustainability, and the BC136 bottle cage is no exception. Made from PA6 recycled nylon blended with 10 percent fiberglass, this eco-friendly design is certified for environmental compliance, helping to reduce resource waste. Constructed using post-consumer recycled fishing nets, the BC136 contains over 50 percent PCR content, meeting Global Recycled Standard (GRS) certification and reinforcing Nuvo's dedication to the circular economy. Additionally, the BC136 is designed for easy disassembly,

Counion is showcasing a bottle featuring sustainable concepts. (Photo: Counion)

allowing for efficient separation of metal and plastic components, ensuring better recyclability and further minimizing environmental impact. By combining sustainable materials with smart design, Nuvo sets a new benchmark for eco-friendly bike accessories.

Matching the sustainable bottle holder from Nuvo, a bottle with a sustainable concept is also on display at this year's Taipei Cycle Show. **Co-Union [Hall 1 / J0630]** is expanding its commitment to sustainability with the introduction of a new eco-friendly water bottle designed to reduce plastic waste without compromising quality. The bottle is made from recycled materials, offering a more sustainable alternative for cyclists. Additionally, the bottle is odorless, FDA-approved and free from harmful substances. With a focus on both sustainability and functionality, Co-Union's eco-friendly bottle reflects a broader shift in the industry toward more responsible product design.



Sustainable Innovations in Bar Tape and Grips

From the bottle holder, we move to the handlebar area of the bike. Here too, the Taipei Cycle Show 2025 showcases sustainable innovations. The **Croder [Hall 2 / S0723]** Touch Bar Tape is designed with both performance and sustainability in mind. Featuring a recyclable PU surface and an EVA base, it minimizes environmental impact without compromising quality. Advanced digital printing technology reduces platemaking and pigment waste, making the production process more eco-friendly. Additionally, its reusable GEL adhesive allows for multiple applications, extending the tape's lifespan and reducing waste. With a balance of durability, comfort and sustainability, the Croder Touch Bar Tape offers a smarter, greener choice for cyclists.

The Finnish brand **Herrmans [Hall 1 / M0108]**, a longtime exhibitor at



Croder is working on designing handlebar tape in a more sustainable way. (Photo: Croder)



With its SwitchRail system for saddles, Velo is driving the circular economy forward. (Photo: Velo)

Taiwanese bike trade shows, isn't introducing a sustainable bar tape but rather eco-friendly grips. Their Nucore grip series recently earned TÜV Austria's OK Biobased 2-star certification, confirming a significant proportion of renewable materials in its composition. This milestone underscores the company's commitment to developing more sustainable bicycle components. In the case of Herrmans, the outer layer of the Nucore grips is crafted from a bio-based TPE material, 60 percent of which is renewable. When factoring in all grip components, the total bio-based content reaches approximately 50 percent, securing the grips a strong position in the 2-star category.

The Taichung-based saddle and handlebar tape manufacturer **Velo [Hall 1 / J0718]** has been a leader in sustainability for years. Beyond implementing various measures to reduce the carbon footprint at its factory, the company also integrates eco-friendly approaches into its products—one standout example being the new SwitchRail system. Traditional saddles typically feature a fixed rail system, making disassembly and recycling difficult and reducing overall resource efficiency. In response, Velo engineers developed a detachable rail design that allows users to easily take apart the saddle. This innovation not only simplifies recycling but also extends the product's lifespan, as consumers can replace the top without discarding the entire saddle. Additionally, the easy-to-recycle rails further minimize environmental impact, reinforcing Velo's commitment to sustainability and resource conservation.

Eco-Friendly Tires and Sustainable Protection Films

Known for its sustainable approach to bicycle tires, the Norwegian company **Retyre [Hall 1 / L0527]** showcases the new Leka Daily Commuter tire at this year's Taipei Cycle Show. This eco-friendly alternative for urban cyclists is made entirely from reusable materials and is completely rubber-free, reducing environmental impact without sacrificing performance. Available in sizes ranging from 20- to 29-inch with widths from 1.2- to 2.6-inch, it fits most city



Retyre aims to transform the tire industry with its sustainable approach to bicycle tires. (Photo: Retyre)

bikes. The ECE-R88 certified reflective sidewall and ECE-R75 e-bike compatibility enhance safety and visibility. A third-party life cycle analysis confirmed its reduced environmental footprint. While a conventional rubber tire emits 3.3 kg of CO2 equivalent, the Leka produces just 1.0 kg, making it an excellent choice for eco-conscious riders.

Another contribution to greater sustainability in the cycling world comes from Canada, specifically from the MTB paradise of Whistler in British Columbia. **RideWrap [Hall 1 / M1401]** aims to set a new standard in bicycle protection with sustainability at its core. According to the company, the new Lotus Pro film is the world's first bike protection film made from recycled materials, with 77 percent of its content diverted from landfills—a breakthrough in an industry reliant on virgin plastics. Built specifically for real riding conditions, Lotus Pro is 40 percent thicker than competing films, offering impact and abrasion resistance without compromising ease of installation. Its ceramic-infused, self-healing top layer makes cleaning effortless and eliminates light scuffs with heat. A bike-friendly adhesive ensures a seamless fit on frames, forks, wheels and components while leaving no residue upon removal.

While sustainable product improvements often focus on the products themselves, **Acer [Hall 2 / S0723]** takes a different approach with its Ebii e-bike by addressing packaging waste. Recognized with the Red Dot Award, iF Award and Dieline Packaging Award, the packaging design reflects Acer's commitment to simplicity, intelligence and sustainability. Traditional bike packaging often presents two main challenges: cumbersome unboxing and complex assembly. Ebii overcomes these issues with a one-hand unboxing mechanism, making the process effortless for consumers. At the same time, the packaging prioritizes sustainability by using eco-friendly materials, reducing ink consumption and incorporating a reusable base to minimize waste. Beyond convenience, the design ensures safe transportation while rethinking how users interact with packaging. By combining practicality with sustainability, ebii aims to set



DT Boost aims to reduce factories' carbon footprints through automation technologies. (Photo: DT Boost)



RideWrap is presenting a sustainable protective film for bicycles in Taipei. (Photo: RideWrap)



Acer is addressing the issue of packaging waste with its Ebii model. (Photo: Acer)

a new benchmark in bike packaging, enhancing the user experience while reducing environmental impact.

Automation for a More Sustainable Manufacturing Process

While individual products can have a clear impact on reducing the ecological footprint, changes in factories and production processes can lead to significant savings behind the scenes. Da Shiang Automation's **DTboost [Hall 1 / M1028]** brand demonstrates how automation can improve both efficiency and sustainability in bike manufacturing. At this year's Taipei Cycle Show, the company presents its Smart Robotic Grinding System, designed to reduce worker exposure to dust, metal particles and noise—common risks in manual grinding. By replacing physically demanding tasks with automation, the system allows employees to focus on overseeing robotic processes, gaining technical expertise and advancing their careers. Beyond safety, the system optimizes material use and reduces energy consumption. More precise grinding paths and force control extend

consumable lifespan and cut down on waste, aligning with industry efforts to improve environmental performance without compromising production efficiency. As manufacturers move toward stricter regulations and sustainability goals, DTboost's system, compliant with ISO 45001 and ISO 14001, highlights a shift toward safer, more responsible production.

Conclusion: A New Wave of Sustainable Cycling Innovation

The sustainable innovations showcased at Taipei Cycle 2025 highlight a shift toward greener, more responsible product development across the cycling industry. From biodegradable lubricants and recycled accessories to redesigned packaging and automated, eco-friendly manufacturing processes, this year's exhibitors are proving that sustainability and performance can go hand in hand. As seen throughout this product overview, the drive for lower environmental impact is shaping the next generation of cycling gear—making sustainability a defining force in industry innovation. ■ **WMS**



With its Nucore grips, Herrmans has established sustainability in the cockpit. (Photo: Herrmans)

WORLD - LEADING INNOVATION

Welcome OEM/ODM Development

As E-BIKES get more sophisticated, So do hydroformed parts from A-FORGE www.aforge.com.tw

Mono DT with
Excellent Stiffness For
Step Through Bike

FIT 310-550mm
Battery Length

PATENT
Seat tube

European Patent
3521152

China Patent
ZL 2018 2 0210697.9

One piece design of
Downtube & Motor Bracket

China Patent

ZL 2018 2 0212382.8

(Started since 2018.10.09)

Taiwan Patent

I676575 (Started since 2019.11.11)

European Patent

20 2023 102 762

Performance Line SX - Housing
variant 2(62.75.6)
CPT400 fixed mount horizontal



A-FORGE

Welcome OEM/ODM Cooperation

Innovation is Our Main Power For Continuous Breakthrough.

九川實業股份有限公司
A-FORGE ENTERPRISE CO., LTD

TEL:886-4-25676851 FAX:886-4-25682995
E-mail: aforge@aforge.com.tw aforge@ms29.hinet.net

AFORGE METAL PRODUCTS (VIETNAM) COMPANY LIMITED(AVN)
7 VSIP II-A, Street 32, Vietnam-Singapore Industrial Park II-A,
Tan Binh Town, Bac Tan Uyen District, Binh Duong Province, Vietnam
TEL: 84-867958733 E-mail: avn@aforge.com.tw

天成車料(深圳)有限公司 / 九川金屬製品(深圳)有限公司
TIANCHEN BICYCLE-PARTS(SHENZHEN) CO., LTD
A-FORMING METAL PRODUCTS(SHEN ZHEN) CO., LTD
TEL:86-755-28012794/6 FAX:86-755-28012795
E-mail: aforge@vip.163.com

福巨金屬製品(南通)有限公司
A-FORGE METAL PRODUCTS(NANTONG) CO., LTD
TEL: 86-513-80979695 E-mail: aforge_nt01@aforge.com.tw

天盛金屬製品(東莞)有限公司
A-FORGE CASTING METAL PRODUCTS (DONGGUAN) CO., LTD.
TEL:86-755-28012794/6 FAX:86-755-28012795 E-mail: aforge@vip.163.com





WORLD - LEADING INNOVATION

In this year, AFORGE has adopted new manufacturability to their lineup in China and VIETNAM, from forging, hydroforming to now THE GRAVITY CASTING! Gravity casting open model for Down tube (double layer) with motor bracket :

DT-051 with BOSCH's battery and motor BOSCH



DT-056

Open model of PINION
MANUFACTURED BY GRAVITY CASTING



X-ray Full Inspections



GRAVITY CASTING PRODUCTION:

At present, AFORGE Gravity Casting Department has sufficient capacity and ability of mass-producing the e-bike tubing and parts. From motor bracket, bracket integrated DT to double layer DT, Headtube connector and HT to DT to Bracket in one piece and even to ST together in one piece, AFORGE shows its dynamic productivity in various possibility of frame part, and being ready to embrace the era of new energy with all kinds of frame part manufacturability. (Hydroforming, Forging, to Gravity Casting)

INNOVATION IS OUR MAIN POWER FOR CONTINUOUS BREAKTHROUGH



A-Forge Ent. Co., Ltd.

No.193-1, Sec. 1, Shenlin Rd., Daya Dist., Taichung City 428, Taiwan
TEL: +886-4-25676851 FAX: +886-4-25682995
E-mail: aforge@ms29.hinet.net /aforge@aforge.com.tw

AFORGE METAL PRODUCTS (VIETNAM) COMPANY LIMITED (AVN)

7 VSIP I-A, Street 32, Vietnam-Singapore Industrial Park II-A, Tan Binh Town, Bac Tan Uyen District, Binh Duong Province, Vietnam
TEL:84-867958733 E-mail:avn@aforge.com.tw

天成車料(深圳)有限公司/九川金屬製品(深圳)有限公司

TIANCHEN BICYCLE-PARTS(SHENZHEN) CO., LTD
A-FORMING METAL PRODUCTS(SHEN ZHEN) CO., LTD
TEL:86-755-28012794/6 FAX:86-755-28012795 E-mail: aforge@vip.163.com

天盛金属制品(东莞)有限公司

A-FORGE CASTING METAL PRODUCTS (DONGGUAN) CO., LTD.
TEL:86-755-28012794/6 FAX:86-755-28012795
E-mail: aforge@vip.163.com



DELTA TOUTS THE TOTAL SOLUTION

DELTA ELECTRONICS TAKES INTEGRATION TO THE NEXT LEVEL

Over the last few years, Delta Electronics Inc. has been focused on developing a compact, lightweight and powerful mid-drive motor. Now, the company is set to launch an integrated suite of products with an innovative Human Machine Interface at the core of the new system.

Delta's R&D center is located in Taoyuan's high-end industrial heartland. That's where The Show Daily sat down with Josh Chi, Delta's Director of E-bike Solution Division, for a wide-ranging discussion covering Delta's entry into the e-bike space, as well as the finer points of the new Total Solution system.

Established in 1971, **Delta [Hall 2 / R0624]** has evolved into a global leader in power management and a provider of IoT-based smart green solutions. Last year, the company was selected as one of the Best Taiwan Global Brands for the 14th year in a row, ranking it among Taiwan's top 10 global brands. Despite its depth of experience and expertise, Delta's foray into the e-bike space has not been without challenge.

Delta entered the e-bike market in 2021 when Taiwan's Ministry of Economic Affairs selected the company to develop locally made e-bike motors.

"Although we were well-known in the electronics industry, when we first entered the bicycle industry, we were nobody," said Chi. "There was a clear gap between us and the rest of the industry, with the resources and intelligence provided being very limited. Therefore, our initial focus was on how to approach all areas of the bicycle industry with humility and build trust over time," he said. Delta's success in building industry partnerships has been key to their new Total Solution product offering, which can be seen on a display eMTB at the Delta booth.

The Delta Mid-Drive Motor has been in development for several years and earned a Parts and Components Award at the 2024 Taipei Cycle d&i awards, and has just received a 2025 IF Design Award.

The motor is extremely compact yet powerful. "Our customers think that in the future the e-bike will need to look like a normal bike. This is the target. But right now, the e-bike downtube is huge and not a very good look. So, the motor is a very key part on the whole bike," said Chi. "Delta Mid-Drive packs 100Nm into a small, circular-shaped package. The price is also very competitive. We, however, can supply a more powerful and very compact motor at an attractive price."

Aimed at mountain, trekking and cargo bikes, the 111mm x 92mm 36V motor weighs 2.9kg, and has a peak assist torque of 100Nm. Rated power is 250W with peak power of 750W, a maximum speed of 28mph and maximum cadence of 120rpm.

The complexities of the motor, along with the other components that make up the Total Solution, meant working with partners to fine tune component customization, since the off-the-shelf models didn't quite fit the mid-drive specifications.

The battery, for example, has been developed in partnership with a



Taiwanese battery maker. The 600Wh 36V 16Ah slim tube design weighs 3.5kg, and is the first Delta-branded battery to go into the market. "We are also currently working on another battery product with a local battery company that will be launched at either Eurobike or at Taichung Bike Week," said Chi.

In developing the HMI, Delta partnered with an e-bike HMI manufacturer to develop two Bluetooth-enabled versions: the RC10, suitable for suspension mountain bikes and the RC9/CD8 combination for trekking or cargo bikes. The RC10 (78 x 46 x 54mm) is a standalone handlebar-mounted control with a high-brightness LCD (1,000–1,600 cd/m²). The RC9 (53 x 46 x 54mm) is another alternative that pairs with the CD8 display (46 x 19 x 62mm), which provides enhanced visibility with the same high-brightness LCD.

As a global electronics brand, Delta serves customers through its sales offices, R&D centers and manufacturing facilities spread across five continents.

A vitally important part of the Total Solution is the ability to provide after sales support. "After service is equally important as the product," said Chi. "To really be a total solution, there is the need for operational data to be collected during a ride and stored in the HMI. Malfunctions can be stored as error codes in the HMI display."

Mass production of the Total Solution system is set to commence in Q3.

"The interesting thing about this industry is that everything looks



Marketing Assistant Manager Lydia Cheng, Director Josh Chi, and Assistant Manager Chien Ping



Delta's e-Bike Total Solution: Motor, Battery, HMI

simple, but in fact the details are hidden in it. Therefore, we believe that there are no easy parts, but that



Shawn Huang, Senior Marketing Rep.

each project needs to be treated with sensitivity and continuous optimization," said Chi. ■ GR

JD COMPONENTS BANKING ON A DIVERSE PORTFOLIO

J.D. Components focuses on its OE business with the TranzX brand, but it also has a comprehensive micro-mobility and e-mobility line-up.



J.D. Components' headquarters are conveniently located in Taichung's Xitun district.

Known for its focus on manufacturing aluminum bicycle parts, **J.D. Components Co. [Hall 1, J0507]** was founded in 1986 by Gino Tsai and Tina Lin in Changhua. The timing was excellent. With the mountain bike boom gaining momentum the company managed to sign contracts with big players such as GT Bicycles. With this success came bigger ambitions, leading to the launch of TranzX as an aftermarket brand in 1992. Soon after, J.D. Components opened its first overseas factory in Shenzhen, China. Apart from its headquarters in Changhua, the company now has production facilities in Taichung, Shenzhen, Dongguan and Vietnam and offices dedicated to service matters in Germany and the United States.

Just before the turn of the millennium, J.D. Components presented the Razor Scooter as its first foldable kick scooter rolling on inline skate wheels. The product became a massive success, resulting in the launch of the JD Bug brand for this type of scooter. While kids perform tricks or zip to school on them to this day, adults are often seen covering the last mile from their offices to train stations or car parks using these scooters.

Another large trend that would shape the company even more profoundly was just around the corner. This trend was the electrification of bicycles and kick scooters. J.D. Components was an early mover in this regard, starting the development of early e-drive solutions in

2005 and launching its TranzX PST (Pedal Support Technology) system in 2007. These days, a large variety of both mid-drive motors and hub motors, batteries, displays and controllers are being sold under the TranzX brand. In 2011, J.D. Components started to bring kick scooters with electric assistance to the market under its new brand CityBug and the line-up of both scooters and e-scooters continues to expand.

With its TranzX brand, J.D. Components covers the needs of OE buyers. The catalogue lists an impressive range of handlebars, handlebar extensions, stems, seat posts, seat clamps and both quick-release and thru-axles. One specialty of TranzX is its aluminum stems with built-in angle adjustment and an integrated cradle for an e-bike display. A separate 11-page catalogue is dedicated entirely to dropper posts in all varieties, with a wireless electronic version as the latest addition.

As the leader of the product development team, Jason Tsai is a key figure at JD Components. He works alongside a talented group with commitment to innovation and adds unique insight, ensuring products truly meet user needs: "Despite the challenges faced by the industry in recent years, our diverse product portfolio has allowed us to maintain steady growth and resilience, ensuring we remain a trusted partner in the global micro-mobility sector." ■ LVR



Booth No.: Hall 1.4F, L0304
33 years of professional manufacturing experience
Let E-BIKE be equipped with safe STVZO lights
E-Mail: jymj@bicyclelight.cn, www.jingyi-lights.com

PRODUCT OVERVIEW: SPORT/MTB EBIKES

LIGHTWEIGHT BUILDS VS. FULLPOWER

The world of e-MTB is increasingly polarized, with many manufacturers embracing heavier, more powerful bikes as well as lighter trail bikes built around the new breed of lightweight motors.

Merida's eONE-SIXTY SL boasts 160mm travel in a 19.5kg package.



eONE-EIGHTY is Merida's longest travel e-bike ever.



With a lightweight full-carbon frame, 160mm of balanced travel and a build that blends hard-hitting performance with low weight the eONE-SIXTY SL from **Merida [Hall 1 / MO620]** is firmly in the latter camp and blurs the line between conventional and assisted riding. With a total weight of just 19.5kg, the eONE-SIXTY SL doesn't compromise on durability or performance to shave a few grams, with all the equipment fully capable for big days in the saddle. The 55Nm Bosch SX system integrates perfectly into the bike, offering natural-feeling assistance in a lightweight package. While the eONE-SIXTY SL comes standard with 29-inch wheels, the FLIP CHIP integrated into the seat stays allows the rear wheel size to be changed from 29-inch to 27.5-inch without affecting the geometry. Neatly tucked away in front of the rear shock, the TUBE MOUNT base plate offers simple yet effective on-board storage for tubes and tools.

Building on the eONE-SIXTY, the new Merida eONE-EIGHTY is the perfect setup to ride the biggest lines and burliest tracks, and thanks to a big 800Wh battery and Bosch CX power you can rip and repeat all day long: No more waiting in the uplift queue.

The eONE-EIGHTY is Merida's longest travel e-bike ever, with 180mm of suspension at either end on a robust aluminum frame with a new suspension platform that builds on the award-winning FAST kinematic from the eONE-SIXTY. It's coil-shock compatible and designed around a

mixed-wheel-size setup. A 64.5-degree head angle and 78.5-degree seat tube give great front-end control with climbing agility too, and on the way up you'll be appreciative of the 85Nm of assistance from the Bosch Performance Line CX drive unit. If you're planning to be out all day then a frame cut-out means you can easily remove the battery for off-bike charging or replacement, and a new cover protects from dirt, impacts and moisture and holds itself in place with Fidlock magnets. There's space in the front triangle for a water bottle to keep your energy levels topped up, or you can keep the battery levels topped up instead and fit the 250Wh PowerMore range extender. The Bosch Wireless Mini Remote on the bar controls everything and the Smart Controller integrated into the top tube shows battery life and assistance level.

The **Xross [Life Size Mobility LLC / Hall 1 / MO415]** DX6Di2 mates a 140mm all-mountain frame with Shimano's dependable Deore XT Di2 groupset for a top-quality trail bike. The frame is well matched with the Manitou Machete Comp 140mm fork at the front, and the rest of the build is great quality too. You get DT Swiss M1900 Boost wheels, Maxxis Minion DHF tires and RaceFace Gripper grips on Xross's own bar. Shimano's 70Nm E8000 series motor takes care of the climbing.

Once again, **KTM [Hall 1 / LO828]** engineers have pooled their expertise to ensure the new Macina Prowler models live up to their trusted slogan: All in. All Out. "With these bikes, you'll be

riding at the ultimate level of mountain biking," says KTM. "Every technical feature currently possible is incorporated into this lineup, delivering pure riding pleasure at the highest level."

The Macina Prowler Prestige uses KTM's proven STRAIGHT-LINE-LINK concept for a sensitive and direct suspension performance. With 180mm travel through the Fox Factory 38 fork and 170mm travel at the rear, the Prowler's natural home is on demanding enduro trails. The Dimension-Mix provides a decisive advantage in difficult situations: 29-inch wheel at the front for optimal riding stability paired with the 27.5-inch PLUS tire at the rear for best power transmission and traction.

The next generation of the Bosch Performance Line CX motor takes riding dynamics and agility to a whole new level. It is powerful, light and quiet, offering 85Nm max torque and 600-watt max motor power. The 800Wh Power Tube battery gives the Prowler plenty of range, and the Power tube Top Loader is KTM's own innovation for user-friendly battery handling. Removing and reinserting the battery becomes a breeze.

If you're looking for something that'll take you a long way off the beaten track, then the Hammer Style Electric Fat-Tire Mountain Bike from **Joyland [Hall 2 / RO229]** has plenty to offer. A full-suspension design with an



The Macina Prowler Prestige uses KTM's Power tube Top Loader for easy battery access.

upside-down front fork, the Hammer Style is rolling on 26x4.0 tires and utilizes a 10-speed transmission. The 48V, 1,000-watt mid motor has five levels of assist, with a bar-mounted LCD display, and it's powered by a 480Wh internal battery for clean lines. Weighing in at 35kg, the Hammer Style has a 100kg maximum rider weight, while hydraulic disc brakes take care of stopping bike and rider.

You don't see that many electric jump bikes, but there's no reason you wouldn't want a bit of help back to the top of the jump line. The **Dorcus [Hall 1 / N1006]** e-Jump is a 26-inch-wheeled jump bike with a 140mm fork and a Bafang G0210 rear hub motor powered by a 420Wh battery hidden in the downtube. You get an 8-speed jump transmission and Tektro hydraulic discs.

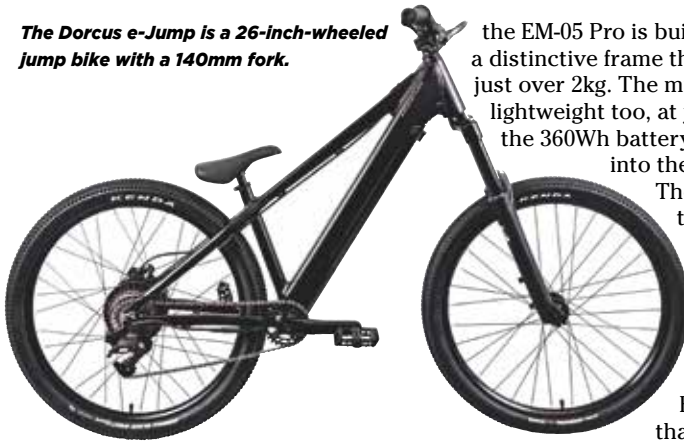


The Hammer Style rolls on beefy 26x4.0 tires.

The DX6Di2 mates a Shimano E8000 motor with a Deore XT Di2 groupset.



The Dorcus e-Jump is a 26-inch-wheeled jump bike with a 140mm fork.



the EM-05 Pro is built around a distinctive frame that weighs just over 2kg. The mid motor is a lightweight too, at just 2.5kg, and the 360Wh battery is integrated into the downtube.

The total weight of the bike is just 17.5kg. The battery may be fairly small but the light weight and efficiency of the EM-05 Pro means that up to 100km of range is possible.

If your idea of a sporty ride is long and fast rather than steep and gnarly, then the **Litzmo [Hall 2 / R0524]** EM-05 Pro might be just the ticket. Litzmo's speciality is carbon frames—they produced their first in 1996—and

Charging back to full takes just four hours. Equipped with a Shimano 11-speed transmission, 180mm hydraulic disc brakes and 700x42mm tires it's the perfect companion for sport and leisure riding.

Litzmo's EM-05 Pro frame hides a 360Wh internal battery.



The number of gravel e-bikes continues to grow. The **Wheeler [Hall 1 / N1002]** Scout is a versatile alloy-framed bike

Vitop's carbon gravel frame is designed to be used with Mahle's X20 motor system.



The Wheeler Scout is a versatile alloy-framed e-gravel bike.



a long way into the wilds, and the updated internal cable routing means there are no more worries about catching wires, cables or hoses on trailside branches.

If you're looking for a frame partner for your own brand, then **Vitop [Hall 2 / S1002]** offers a range of

OEM frames, including a 700c carbon fiber gravel frameset designed to be used with Mahle's X20 motor system. The frame uses a 142x12mm thru-axle and is SRAM UDH-compatible, with room for tires up to 45mm. Brake and rear derailleur cable routing are compatible with FSA's fully hidden system, giving the frame a sleek look. ■ **DA**

built around Mahle's X30 drive system, and it's capable both on trails and about town on your commute thanks to mounting points for mudguards and a kickstand. With a Shimano GRX 11-speed groupset, Goodyear 700x45mm tires and hydraulic disc brakes, it's very much set up to head off the tarmac. The 250Wh internal battery will take you

KS

ONE FORK ALL TERRAIN

GTC

Purpose-built for the specific demands of gravel and e-gravel riding.



kssuspension.com



TranzX
inspiring your ride

eSense

Cycling Radar
Advanced radar for precise detection. Ride smarter, safer, and with confidence.

EDP01

Dropper Post
Electronic Dropper Post with Bluetooth connection, zero hassle of cable routing. Experience new tech within your reach.



OVERVIEW: E-BIKE BATTERIES & COMPONENTS

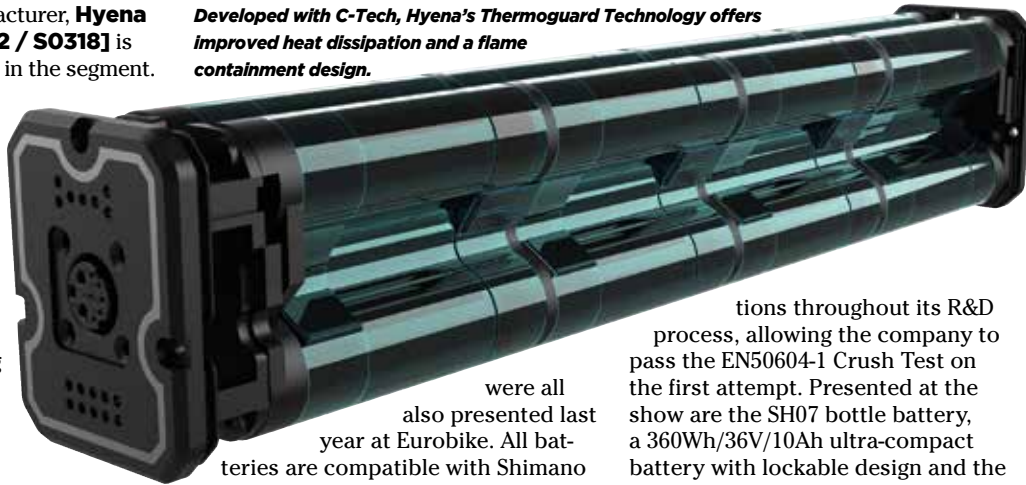
POWERING UP PERFORMANCE

Battery efficiency, electronic integration, connectivity, and lightweight yet durable materials are all critical to enhancing e-bike performance. Manufacturers face increasing pressure to extend range, improve charging speeds and optimize power management, all while keeping weight down and ensuring long-term reliability. The industry must push innovation in batteries, sensors, controllers, and auxiliary components to deliver smarter, more efficient, and more adaptable e-bike systems.

Taiwanese e-bike manufacturer, **Hyena E-Bike Systems [Hall 2 / S0318]** is continuously innovating in the segment. Here at the show, Hyena is presenting its latest 36V and 48V integrated battery solutions, designed for broad e-bike compatibility. Featuring fully concealed in-tube design, both the BS-B540+ (36V) and BS-B480 (48V) offer enhanced waterproofing and durability with a protective frame cover. Their streamlined form supports sleeker bike frames, while the innovative battery holder enables easy attachment and removal. The BS-B540+ is compatible with the BE-B180 range extender for increased riding range. Additionally, Hyena and lithium battery pack specialist C-Tech—recognized for its expertise for developing battery packs for 3C/IT products, LEVs and energy system storage—are unveiling the ThermoGuard Technology. Inspired by the rigorous safety standards of AI Server Backup Battery Units (BBUs) widely used in data centers, telecommunications and healthcare, ThermoGuard Technology integrates advanced safety and reliability features, such as improved heat dissipation and a flame containment design. Although the technology is not yet applied to current products, Hyena and C-tech have completed prototype testing and are fully prepared to collaborate with clients on future product development.

Darfon Electronics Corp [Hall 1 / N0804] positions itself as a world-leading specialist in eco-friendly technologies delivering innovative IT peripherals, passive components and green energy solutions. The company provides products widely used in PC peripherals, intelligent modules, automotive electronics, passive components and high-precision positioning modules, among others. Darfon is here showcasing its latest batteries and a range extender, which

Developed with C-Tech, Hyena's ThermoGuard Technology offers improved heat dissipation and a flame containment design.



were all also presented last year at Eurobike. All batteries are compatible with Shimano e-drive systems. The batteries are in-tube integrated units using CANBus and Uart communication protocols, range from 400Wh to 800Wh and support the option of a range extender. The E1C05 200Wh range extender, with its 5.49Ah nominal capacity, offers a lightweight option at only 1.1kg,



The SH07 bottle battery from Greenway offers 360Wh of power (36V, 10Ah) in an ultra-compact, lockable design.

enabling extended rides. Founded in 2006, **Greenway [Hall 1 / L0310]** has designed and manufactured nothing but battery packs from the start. This year, Greenway is showcasing its latest advancements in lithium e-bike battery technology, focusing on three key pillars: safety, sustainability and smart technology. All Greenway batteries on display are EN50604-1 certified and the non-welding pack design allow for easy cell replacement. Moreover, Greenway integrates thermal, electronic and mechanical simula-

tions throughout its R&D process, allowing the company to pass the EN50604-1 Crush Test on the first attempt. Presented at the show are the SH07 bottle battery, a 360Wh/36V/10Ah ultra-compact battery with lockable design and the ZZ209 integrated battery, a sleek and integrated 36V battery, available in 15Ah & 20Ah variants.

Taiwan-based GWA Energy [Hall 1 / O427] specializes in R&D and manufacturing of electric bicycle systems, with a mission to deliver affordable, reliable and user-friendly e-cargo bike solutions. Its integrated system features high-torque, dual-drive power, electric auto-shift transmission,

ABS and full AIoT functionality, enhancing performance, safety, and connectivity for modern urban mobility. In term of battery packs for cargo e-bikes, its latest innovation presented at the show is the UX48800 suitcase-style battery. Designed for dual- and single-motor e-cargo bike systems, the UX48800 lithium-ion battery pack combines portability with high performance. Featuring Tier-1 lithium cells from Panasonic, LG and SDI, it delivers 48V and 800Wh of reliable power, ensuring extended range and seamless operation. Its compact, easy-to-carry design simplifies battery swaps and charging, making it an ideal solution for urban couriers and high-mileage riders who demand efficiency and convenience.

Estab-



GWA's UX48500 e-cargo battery pack delivers 48V and 800Wh of reliable power.

lished just over 10 years ago, **SEGL Energy [Hall 1 / I0124]** develops and manufactures energy storage systems and uninterruptible power systems (UPS) for various industries, including cars, power tools and solar energy industries. The company showcases multiple e-bike battery packs that meet international certifications, including UL 2271, IEC 50604 and ISO 14067. Additionally, its battery packs integrate an intelligent Battery Management System (BMS) to ensure stable output and exceptional safety, providing extended range and improved protection for e-bikes.

Trend Power Technology [Hall 1 / I0308] is another large-scale firm offering various battery products on an automated line and benefits from a strong R&D foundation. Continuously driving innovation in e-bike power systems, the company introduces a new 48V 780Wh in-frame tube battery, designed for seamless integration across various e-bike models. Its next-generation battery fixation system simplifies compatibility, while USB



SEGL's battery packs meet UL 2271, IEC 50604, and ISO 14067 international standards.

PD3.1 charging technology allows the battery to function as a high-capacity power bank for mobile devices. Additionally, a new DC-DC power output system meets diverse e-bike accessory voltage requirements, enhancing flexibility. Completing the package, a smart BMS design enables multi-DU system communication, improving energy management and performance.



Darfon's E4COQ battery pack offers up to 800Wh of capacity.



The new OTS In-Frame 800 from Trend Power delivers 48V and 780Wh of power.



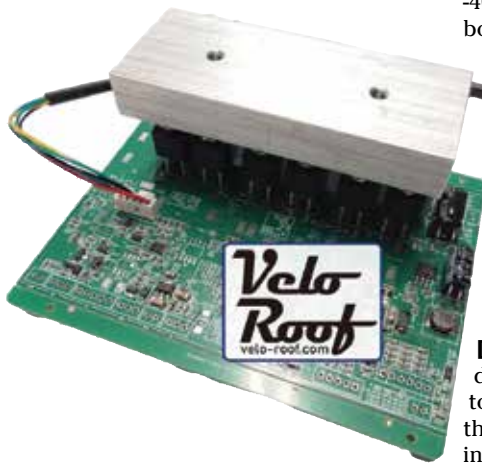
Singatron offers a full range of waterproof connectors with IP65-IP67 certification.

Founded almost 50 years ago in Hsinchu, Taiwan, **Singatron [Hall 2 / R0826]** is a specialized connector manufacturer. With plants in Suzhou and Zhongshan, China, the company serves various industries, including marine electronics, outdoor communications and LEVs and has also developed service facilities worldwide,

in multiple countries across Asia, Europe and North America. Under the family SGConn, Trend Power offers a full range of waterproof connectors that meet RoHS compliance, UL, VDE, NMEA 2000 and global safety standards. Designed for e-bikes, its latest LEV waterproof connector offers IP65-IP67 protection and operates within a -40°C to 100°C range for the connector body and -20°C to 80°C for the cable.

Made from UL-recognized nylon + GF, PC, and gold-plated copper alloy pins, it delivers reliable performance and longevity.

As one of the few Taiwanese companies specializing in both e-bike controllers and battery systems, **Velorooft Electronic [Hall 2 / R06010]** offers end-to-end development from hardware design to full system integration. At the show, the company will highlight its latest innovations in e-bike power management and energy storage solutions. Key advancements include adaptive



Velorooft's controller supports both 36V and 48V systems.



The RC8-FS HMI from AVS can be combined with the company's CD9 display.

power optimization and real-time data analytics for enhanced riding efficiency and predictive maintenance. Velorooft will also showcase a smart BMS for large-scale energy storage, optimizing BBU, UPS and ESS applications while extending battery longevity. Additionally, its USB-PD integrated battery pack introduces bidirectional charging, allowing e-bike batteries to power external devices, expanding their functionality beyond cycling.

Headquartered in Hong Kong under German management, **AVS Electronics [Hall 1 / L0622]** has more than 15 years' experience in consulting, designing and manufacturing of LEVs, mobility and telematic electronics. AVS Electronics' affiliate AVE Mobility was established in 2014 to develop, produce and market OEM/ODM HMI solutions for the e-Mobility Industry. At the show, the company will present a series

of new products launched last year at Eurobike, starting from a new toptube HMI, AVS TT07 that features a multi-color 5-segment LED light bar that clearly displays pertinent information. For convenience, the TT07 HMI also includes options such as BLE, OTA firmware updates and NFC for Smartphone pairing and bike unlock. Designed for gravel, road and triathlon bikes, the AVS RB Series features modular switch pods for assist-mode selection, electronic shifting and drive systems. With three mounting options, it fits flat, riser, drop, and aero bars, ensuring easy integration, and is compatible with various e-bike systems. Finally, the RC8-FS HMI integrates a smart capacitive biometric fingerprint sensor into the HMI's control panel, only allowing authorized riders access to startup activation and the electronic lock to operate the e-vehicle. ■ MW

ENGLISH



Pumping up tyres is so easy today with



PRODUCT OVERVIEW: VALVES

A NEW GENERATION OF VALVES

Almost every bicycle comes with two valves that control tire pressure. For many years, there was little innovation to be seen with valves. But due to trends like deep-section aero rims, tubeless builds and the popularity of electronics, that is changing.



Ciclovation's tubeless valves blend a lot of function with striking looks.

Maxxis [at Cheng Shin Rubber Corp, hall 1 / J0818] and knows the ins and outs of bicycle valves. "For best performance and durability, these Maxxout valves are

made of high-quality raw materials, using sophisticated manufacturing processes. This can be felt right away as the locknut spins on the stem's thread smoothly, and the stem shafts are such a much stronger than those of most competitors."

The tubeless Maxxout valve kit comes with two replacement valve cores and a cool little valve tool. Alternatively, the alloy valve caps can be used to remove and reinstall the valve core. A close look at the base of the Maxxout valves reveals small channels that allow air and sealant to get past foam inserts. Many of these features can also be found on the tubeless valves of **Chepark Enterprise [Hall 1 / L0104]**. Made of aluminum and available in a selection of colors, these valves are sold with stems measuring 40 mm, 60 mm or 120 mm.

Ciclovation [Hall 1 / K1321] has designed its tubeless Presta valves for maximum airflow. Featuring a striking oil slick finish, the lightweight valve stems are available in 40 mm, 50 mm or 70 mm lengths. You will also find

channels at the base to guide air and sealant past foam inserts. One unique feature of Ciclovation's valves is built into the alloy caps. Apart from a valve core wrench, these also feature an unclogging pin to get rid of dried-up sealant residues that may reduce the valve's functionality.

Another premium offering that has been on the market for a while and has proven its worth are the Fillmore valves of Santa Cruz's wheel subsidiary **Reserve Wheels [at SY Cycles, hall 1 / M0510]**. They have been optimized to offer three times the airflow of conventional

Presta valves, featuring a coreless design and a very convenient way to dial in the perfect pressure.

As an early promotor of tubeless set-ups on road bikes, **DT Swiss [Hall 1 / L1029]** has designed tubeless Presta valves to fit its various rim shapes. These valves feature removable valve cores and aerodynamically shaped caps

Apart from some public-share bikes with solid rubber tires, almost every bicycle relies on pneumatic tires to combine comfort and control at a low weight. Ever since 1888 when John Boyd Dunlop invented pneumatic tires for bicycles, valves have played a key role in keeping those tires inflated. While the original Dunlop valve is mainly used on lower-end trekking and utility bicycles these days, two other types have become more common. The Schrader valve known from automobiles is sturdy and allows for easy refills at gas stations, but it requires a larger-diameter hole in the rim and is prone to clogging up with dust and mud when omitting the cap. Built to withstand the higher air pressures typically found on sporty bicycles, the svelte and lightweight Presta valve, also known as Sclaverand valve, requires a matching pump or an adapter.

As tubeless builds have made their way from mountain bikes to road and gravel bikes, the demands on the design of valves have changed. Wayne Moore of **The Legion [Hall 1 / J1401]**, who developed an early version of valves optimized for the use of sealant with the Vmax, has been looking into this in all detail. "Tubeless valves need a high-volume air flow to inject a lot of air into the tire in a very short time to seat it quickly. And since most riders inject a precise amount of sealant through the valve, the extra volume keeps the valve

The Trojan tubeless valve of The Legion disappears almost entirely inside deep-section rims.



Muc-Off's Big Bore valves come without a core and rely on a ball valve with a switch instead.

from clogging up without the need to remove its core. These requirements resulted in the Vmax valves that add 300-percent more volume to the proven advantages of Presta valves," Moore explains.

Launched a couple of years ago, the Vmax valves have proven their worth on mountain and road bikes alike. For road and gravel bikes with deep-section aero rims, Moore has gone one step further. By turning the entire valve construction upside down, the Trojan valves premiering at this year's Taipei Cycle Show are hidden within the rim profile. All that is visible from outside is the valve stem that comes with a plastic cover and serves as interface for the special pump head that is available as an adapter. This design offers aero advantages and the valve is also better-protected from bending forces when pumping. It's an elegant

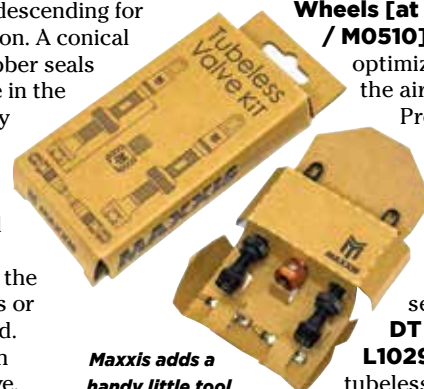
and clever solution that has won a d&i Award this year. A proper installation tool comes with each pair of the Trojan valves.

Another company that has launched new tubeless valves with a larger air flow is **Muc-Off [Hall 1 / L0403]**. Depending on the exact type, its Big Bore valves first shown at last year's Eurobike show allow for 230 percent to 264 percent more air flow than conventional Presta valves. This mainly is due to the innovative coreless design with an integrated ball valve system operated by twisting a stainless-steel lever positioned on the valve stem. Rotate the lever by 90 degrees to fill a defined amount of sealant, or give the lever a tiny swivel to lower the air pressure before descending for maximized traction. A conical base made of rubber seals off the valve hole in the rim, countered by a locking nut. With a choice of three types, four stem lengths and six colors, every rider should find the right valve for his or her tubeless build.

With his design studio Bib Creative, Tomo Ichikawa has helped develop the Maxxout valves for



Reserve's Fillmore valves were one early example of valves with more airflow for tubeless builds.



Maxxis adds a handy little tool made of aluminum to its Maxxout tubeless valves.



As a specialty, DT Swiss adds asymmetric washers to neatly fit between the valve stem and the rim.



Schwalbe's novel Clik Valve standard can be retrofitted to existing Presta and Schrader valves.

its novel Clik Valve (SCV in short) at last year's Eurobike and has won a prestigious d&i Award for it at this year's Taipei Cycle Show. Its intuitive click system aims to maximize the ease of handling so children can pump the tires of their bikes themselves. Pumps with a fitting head or a matching adapter can be clicked onto the valve with minimal force using just two fingers, ensuring smooth handling and no air loss. But the Clik Valve also offers advantages when going tubeless since the flow rate has been increased by 50 percent, helping to seat stubborn tires properly or add sealant. Schwalbe sells the Clik Valve as upgrade kit to combine with all types of valves and in combination with inner tubes. As an aftermarket-only product, Schwalbe also offers tubeless Presta valves in 40 mm, 60 mm, 80 mm and 100

mm stem lengths to fit aero rims with various depths. And as a novelty for 2025, those tubeless valves are also available as Clik Valve versions.

Many of the valves featured in this overview come with cleverly designed caps that have built-in tools to tighten the valve stem in the rim or to remove and secure the valve core, a key procedure with many valves when sealant needs to be added. If you prefer a proper tool precision-machined from aluminum and available with a key ring, **by,schulz [Hall 1 / M01014]** has you covered. Its Valve Adapter V.5 is made of two parts and serves as an adapter for Presta and Dunlop-type valves to top up the air pressure in your tires at every gas station. You can also remove or reinstall valve cores with this compact tool and its integrated socket spanner serves to loosen or tighten valve extensions. Fittingly for a German company, **by,schulz** offers its Valve Adapter V.5 in black, red or gold.

The correct tire pressure is relevant not just for an optimized rolling resistance but for safety as well. For this reason, a couple of companies are pushing tire pressure sensors that are connected to an app or an e-drive systems. Marketed under its sports electronics brand Quarq, **SRAM [Hall 1 / M0612]** has positioned the TyreWiz system in the premium performance bracket. With the Airspy, **SKS [Hall 1 / L0312]** offers a way more affordable alternative that can be combined with

various valve types and transmits air pressure readings in real time to select devices. And Bosch eBike Systems, as the industry's leading supplier of premium mid-motor e-drive systems, has made clear that tire pressure is one of the parameters it wants to add to those relevant for the safety of an e-bike. ■ **LVR**

The right air pressure matters: SRAM has moved the TyreWiz to its Quarq brand of power meters.



With the Airspy, SKS has an affordable option to monitor tyre pressure in real time.

with an integrated tool to remove and reinstall the valve core. For heavy-duty applications the valve stems are made of nickel-plated brass. But as the latest addition to the line-up, performance valves come with a stem made of light-weight aluminum. As a budget alternative, the tubeless Presta valves of **Ride Now Tech [Hall 1 / L0008]** are available in 45 mm, 65 mm and 85 mm lengths. "The additional 5 mm in stem lengths make the installation of our valves much easier. As they are made of 7075 aluminum alloy, these valves are pretty lightweight as well and offer both a striking finish and

excellent value. We are the best-selling tubeless valves on Taobao," Ride Now Tech's founder Eric Fu explains.

Schwalbe [Hall 1 / M0313] launched



The tubeless valves of Ride Now are easy to install and available in three lengths.



The by,schulz Valve Adapter V.5 is at hand to help with all inflating-related issues.



LEARN MORE



GST — TOP ANTI-RUST PERFORMANCE

The surface treatment is environmentally friendly, 100% free of hexavalent chromium, and complies with RoHS and REACH standards.

BOOTH K0610



PRODUCT OVERVIEW: HELMETS**SAFETY FIRST RINGS TRUE AS MORE HELMETS SURPASS STANDARDS**

At the bleeding edge of helmet design, there are always measurable drag savings to be made, with manufacturers chasing the tiny gains that could be the difference between the top of the podium and the also-rans.



The Rockbros Pottier sports a removable visor.

safety, it includes a removable USB rechargeable rear light with nine modes for visibility day and night. A matte finish makes the E-Path a stylish addition to your city riding look while also ensuring your safety.

The **Rockbros [Hall 1 / L0723]** Pottier helmet is ideal for a range of different riding environments ranging from urban to leisure and off-road riding. It features a removable peak that can be replaced with a magnetic visor, protecting the rider from wind, debris and sunlight. A removable and breathable liner keeps the interior fresh and comfortable, and nylon straps and a secure buckle ensure a precise and adjustable fit.

With gravel riding continuing to be a growth sector in cycling, it's no surprise that the number of

The latest aero helmet from **Rudy Project [Hall 1 / K0331]**, the Wingdream, claims to reduce a rider's energy consumption by 10 watts over Rudy Project's previous top-end aero helmet, saving 4 seconds every 10km. Wingdream also ensures thermal comfort, reducing heat by 32 percent, according to the company. The helmet has been subject to two years of aerodynamic studies and wind tunnel testing, and was developed in collaboration with Team Bahrain Victorious. It's also approved and used by the Italian Cycling Federation. The Wingdream features an integrated magnetic visor, an adjustable retention system with a Fidlock buckle and an AirFrame Band that optimizes the airflow from the front of the helmet to the internal channels, significantly improving sweat dissipation.

Simone Barbazza, Marketing Director of Rudy Project, says, "In introducing Wingdream, I feel a deep pride in what we have achieved with this revolutionary helmet. It is not only a step forward in aerodynamic studies, but also a testament to Rudy Project's dedication to achieving excellence. Every detail of Wingdream has been meticulously crafted, reflecting our relentless pursuit to combine safety,



The Angler Alpha features remote-controlled Bluetooth functionality.

comfort and performance. Besides marking significant progress in competitive cycling equipment, this helmet embodies our philosophy that performance starts from the head."

Not everyone's leading the peloton though: Most people are just getting around by bike. **CRNK [Analogue Plus / Hall 2 / R0620]** is here in Taipei showcasing its award-winning Angler Alpha helmet. Designed to combine style and safety, the Angler Alpha is equipped with integrated lighting, turn signals and a brake light to provide the rider with extra safety and convenience. Alongside those safety features, the Angler Alpha is equipped with a built-in noise cancelling microphone and Bluetooth speakers that sit just above the ears, which can deliver speech and music without blocking out environmental sounds. The Angler Alpha also comes with a handy Wireless Handlebar Control. With the touch of a button, a

rider can control the turn signals and the brake light, as well as the Bluetooth functions—you can easily switch between songs, adjust the volume up or down or answer a call.

Despite all the inbuilt technology the Angler Alpha is still a lightweight bicycle helmet at just 370g, and the sporty style means it's just at home on fast road rides as it is on city commutes. The in-mold EPS shell features large vents for excellent ventilation and the fit is optimized by a simple-to-adjust strap dividers and a magnetic buckle. The Angler Alpha is available in two sizes and three colors.

For urban adventures, the E-Path helmet from **Safety Labs [Hall 1 / L1111]** blends style, safety and comfort. It's constructed from a strong ABS shell with a shock-absorbing EPS foam inner and soft padding for a comfortable fit. There are 12 carefully placed vents to improve ventilation through the helmet, and a 360-degree retention system means that you can fine-tune the fit so that the E-Path is comfortable and secure. For added



Cratoni's Gravoq comes in a range of neutral colors

gravel-specific helmets is also growing. **Cratoni [Hall 1 / M0203a]** will be showing the Gravoq at the Taipei Cycle Show, which it says offers the perfect combination of safety, comfort and style. With expanded coverage over a road helmet, but with neutral styling and a slim profile, the Gravoq sits nicely between Cratoni's road and MTB ranges. The Gravoq meets CE, CPSC and AS safety standards and it's equipped with 17 vents for added air flow. An adjustable strap system keeps it secure, and despite the extra coverage it's still a light helmet, at just 250g in the smaller of the two sizes. It's available in a variety of neutral colors.

If you're the kind of rider who



The Wingdream from Rudy Project saves 10W over its predecessor.



Safety Labs' e-Path features a 9-mode rechargeable rear light.



The Leatt MTB All-MTN 3.0 features a shock-dissipating PowerBridge.

enjoys the buzz of venturing farther off-road than Leatt [Hall 1 / N1202] has you covered with the MTB All-MTN 3.0 helmet, which the company says is "made for next-gen mountain adventurers who breathe alpine air and crave thrilling descents." The MTB All-MTN 3.0 incorporates a unique PowerBridge structure molded into the helmet to disperse impact forces,

as well as Leatt's groundbreaking 360-degree Turbine Technology which is designed to mitigate against rotational brain injuries in the event of a crash. Ventilation has been improved, and the helmet includes a breakaway visor and a sunglass port for performance in all weather.

Leatt is also presenting the Enduro 3.0, which it describes as "the most versatile helmet you can buy." It's a modular helmet system that offers three different levels of protection. You can wear the half shell for light trail days and attach the over-ear coverage for slightly more aggressive trails. For total protection, clip in the chin bar to turn the Enduro 3.0 into a full-face helmet. The Enduro 3.0 is built using Leatt's impact-dispersing PowerBridge construction, and also features 360-degree Turbine Technology. The small blue discs are constructed from an energy-absorbing material, and can help reduce rotational acceleration to the head and brain and the absorption of energy upon impact at concussion level. There's a micro-adjust retention system, a sunglasses port and a breakaway visor to complete the package.

Little heads need just as much protection as adults, and Cratoni's Madcat MTB/youth helmet borrows a lot of the technology from its top-selling helmet, the C-Maniac. The Madcat is a convertible full-face helmet with a tool-free removable chin guard and a deep rear for extra coverage. The innovative design incorporates MIPS technology rotational injury protection, and it's well-vented with insect nets to prevent you from catching the local wildlife on

the trails. Both kids and parents will appreciate the extensive reflectives on the shell of the helmet, and the integrated rechargeable rear light, for those summer evenings riding home at dusk. The Madcat fits heads from 49-56cm and is available in a wide range of colors.

Weighing in at just 195g (size S-M), the C-Zero Road Cycling Helmet from Cratoni is a top-end road helmet for racing at the highest level. "Whether you want to break speed records on the road or cover long distances," says Cratoni, "the C-Zero with MIPS offers you the perfect combination of safety, comfort and style." The aerodynamic outer shell gets 17 vents and Performance Air Channel Technology on the inside for maximum air flow, and a 360-degree retention system with stepless height adjustment ensures a perfect fit. The C-Zero is CE EN 1078 / CPSC / AS certified, and also features the MIPS Air Node system, which reduces rotational forces on impacts and the risk of brain injuries. The C-Zero comes in three sizes to fit heads from 52-61cm, and four colorways.

The Rockbros Anquetil is another heavily vented road helmet. To counter the structural issues that can arise from including so many vents, Rockbros uses a dual-shell construction with a Bionic Skeleton Design, which is inspired by human bone structure, helping to improve impact distribution and overall protection. The Anquetil also features a Fidlock magnetic buckle and an Ionic+ Silver Ion Antibacterial Liner to fight odor build-up and keep the helmet fresh. The helmet is



The Anquetil uses a Bionic Skeleton Design inspired by human bone structure.

EN1078-certified, and is available in a range of colors. The Nicolas Frantz is more focused on aerodynamics, and uses in-mold construction to fuse the shock-absorbing EPS core with a PC shell for optimal strength-to-weight ratio. The helmet also features edge wrapping that reinforces the outer shell for improved durability. There's a secure buckle closure, and after-dark visibility is enhanced by reflective straps. ■ DA



The Rockbros Nicolas Franz features reflective decals.



Leatt uses its own 360-degree Turbine Technology in the Enduro 3.0.



BOOTH NO. I1417



HIGH PERFORMANCE
SUPER DURABILITY
QUICK ENGAGEMENT

Powerway's unique ratchet hub is keeping it clean.

NEW PRODUCTS



J.D. COMPONENTS TRANZX ESENSE

Riding is about the journey ahead. TranzX eSense has your back, detecting vehicles up to 150 meters with 220° radar coverage. Real-time alerts via ANT+ & Bluetooth keep you informed, while IP67 durability ensures all-weather reliability. No second-guessing. No surprises. Just you, the road, and the confidence to ride forward. Because staying ahead starts with knowing what's behind.

Hall 1 / 1F / J0507



HAFNY DUAL-VIEW MIRROR

The Dual-View Bike Mirror (HF-M908LS-FR09) is designed for enhanced visibility and safety, featuring two mirror lenses—a super convex mirror for a wider field of view that helps eliminate blind spots, and a regular mirror for a natural perspective. The mirror arm and case are made from partially recycled, odor-free materials, making it an eco-friendly choice.

Hall 1 / 1F / I1323a

AVS ELECTRONICS RC7

The AVS RC7 is equipped with a 1.54" greyscale LCD, offering high contrasts, rapid refresh rates, sunlight readability, and wide viewing angles. The device includes real-time data screens for speed, assist mode, battery status, system errors, and more. Additional features include ambient and IR light sensor, backlit buttons, BLE and NFC connectivity. The RC7 is compatible with top drive systems and supports CAN/CANopen, UART, RS-232, and LIN Bus protocols.

Hall 1 / 4F / L-0622



FPD INDUSTRY CORP. NW-608B

Specially designed for MTBs, this nylon pedal with a big platform (105 x 115mm) provides more grip and a comfortable riding experience.

Hall 1 / 1F / J1018



DAHON MARINER

Acclaimed as the Best Folding Bike by the New York Times in 2024, the Mariner is an evergreen model. A high-quality, lightweight bike at a surprisingly affordable price. Its portability makes the Mariner ideal for multi-modal urban transport. Take it on your next adventure. The DELTECH cable boosts frame strength and stiffness for easy pedaling and even more secure rides.

Hall 1 / 4F / M0511



VELO ULTRA LIGHT FOAM GRIP (VULF)

Velo's Ultra Light Foam Grip (VULF) reduces weight by around 5% and offers high shock absorption - perfect for MTB users. These soft anti-slip grips are extra comfortable - even without gloves.

Hall 1 / 1F / J0618



DELTA ELECTRONICS BATTERY

Developed in partnership with Trendpower, this 600Wh 36V 16Ah slim tube design battery weighs 3.5kg, and is the first Delta-branded battery to go on the market, it's suitable for e-mountain bike and e-Trekking bike applications.

Hall 2 / 4F / R0624

V-GRIP ONE-CLICK MAGNETIC BOTTLE SET

Sticks like glue—yet removes easily! New improved design means the bottle is even more secure. Mount on the down tube or the seat tube—or both! Simple to insert/remove and perfect for smaller frames.

Hall 1 / 1F / I1217



VP COMPONENTS VP-F57 PEDAL

The VP-F57 folding pedal offers unmatched strength and durability. Tested for strength — this quality engineered pedal successfully passed the Zedler Advanced Plus XXL test. Supporting up to 180kg, this pedal has a high weight capacity, ensuring reliable performance.

Hall 1 / 1F / K0806



HYENA ENHANCED SPEED MOTOR

Powerful Performance for Speed Pedelecs. Designed for U.S. Class 3 e-bikes, the Gen-2 Enhanced Motor delivers 500W, 55Nm torque, and a 28 mph top speed. Paired with a 48V 480Wh battery and smart controller, it ensures stable, reliable power across diverse terrains for commuting and recreation.

Hall 2 / 4F / S0318



SHINE WHEEL 25 ZF TKK AL2

ITEK is a specialist in engineering and manufacturing all kinds of alloy frames using green power raw materials for OEM or ODM customers. The new 25 ZF TKK AL2 frame is compatible with Bosch's new generation BDU38/34+PT600/800, BDU34/33 with Semi-IG PP batteries. Find out more at the Shine Wheel booth in Hall 1, 1F.

Hall 1 / 1F / K1107



KMC CHAIN GO WAXED CHAIN

The KMC GO Waxed Chain is crafted for sustainability, using biodegradable wax-based materials for greater drivetrain durability. This reduces the need for harsh lubricants and makes maintenance easier and more eco-friendly. Say goodbye to greasy chains and solvents, saving you time on cleaning. The chain's innovative design earned a 2025 TAIPEI d&i Award by iF, reflecting its excellence.

Hall 1 / 1F / J0118

NEW PRODUCTS

BYSCHULZ VALVE ADAPTER TOOL V.5

The valve adapter V.5 is an aluminum combination tool that enables conversion from French SV and Dunlop DV valves to Auto AV valves. This means that bicycle inner tubes can be easily inflated at petrol stations. The built-in O-ring serves as a seal and loss protection. The integrated socket spanners are for loosening and tightening AV or SV valves as well as extending SV valves with pipes. Available in black, red and gold, the byschulz valve adapter V.5 has a key ring design so you can keep it handy at all times. [Hall 1 / 4F / M0104](#)



NUVO N+1-B737BPQ

Designed for drop-bar road bikes, this bell delivers 85dB sound with a magnetic detachable cover for easy storage. It features 360-degree gear-based angle adjustment with 15-degree intervals for stable positioning. Made from GRS certified recycled materials, its eco-friendly design allows easy disassembly for efficient recycling. [Hall 1 / 1F / K1015](#)



POWERWAY PHR-SB60T001S

Powerway's newest hubs now feature 120 points of engagement. This new MTB hub can achieve faster engaging and efficient power transmission. Available in a boost type configuration, and both six-bolt and center-lock options. Find out more at the Powerway booth in Hall 1. [Hall 1 / 1F / I1322](#)



TAYA 30 METERS CHAIN PACKAGING

TAYA's innovative 30-meters chain packaging has been recognized for its excellence! Winner of the Taipei Cycle D&I Awards in 2022, this packaging has been a hit among cycling enthusiasts, repair shops, and clubs. Its unique design not only saves packaging materials but also allows users to customize the chain length according to their preferences. Visit us at booth K0610! [Hall 1 / 1F / K0610](#)



TRIPEAK DURA TECH HEADSET

For bicycles with fully internal cable routing, maintaining and replacing the headset has always been a headache. The Dura Tech Headset solves this problem. The outer race is made of Teflon composite material, while the inner race is stainless steel with Nano Coating, eliminating corrosion and extending lifespan. The CNC machined races and G3 Ceramic Balls provide an excellent lubeless rolling surface, extending maintenance intervals and durability significantly. [Hall 1 / 4F / L0602](#)

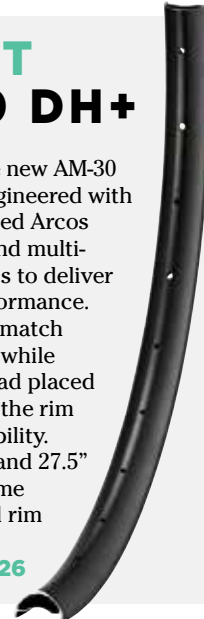


SKS GERMANY INJEX PRO

Featuring a textured handle and ergonomic, plastic-coated aluminum compression tube casing, this bike pump offers both comfort and functionality. The T-handle is angled at 60 degrees so that the forearm and pump form a straight line during the pumping process. With a pump head for Presta, Schrader and Dunlop valves and a 5-degree tilt, inflating tires becomes easier. The optional telescopic function ensures more volume per stroke, the clamping lever integrated into the design ensures a reliable valve connection. [Hall 1 / 4F / L0312](#)

JETSET AM-30 DH+

Jetset's versatile new AM-30 DH+ rims are engineered with the firm's patented Arcos system design and multi-angle nipple beds to deliver unmatched performance. The latter helps match the nipple angle while spreading the load placed by the spoke on the rim for greater durability. Available in 29" and 27.5" versions and come with a or welded rim construction. [Hall 1 / 1F / I1026](#)



WELLGO C350DU

An ample platform provides full support and comfort with any kind of shoe. A protected built-in reflector provides night-time safety. The C350DU is also recommended for e-bike use. [Hall 1 / 1F / J0518](#)



GW SUPER LIGHT HUB

Push the limits of speed and innovation with the GW RCS SL Hub—a professional-grade, ultra-lightweight hub designed for racing excellence. Precision CNC machining, rigorous quality control, and cutting-edge engineering make it the ultimate choice for riders seeking unmatched performance. If you're looking to build a super-light wheel, RCS SL hub should be your No. 1 choice. Come visit GW to find out more options. [Hall 1 / 4F / M1320](#)



JIASHAN SHENGGUAN JY-7171

Jing Yi's JY-7171 aluminium lights are available in 1000, 1500, or 2600 lumen versions. With an advanced lens that sharpens the beam and reduces glare, these lights have a thermal control design and seamless one-piece aluminum housing to keep the operating temperature at optimal levels. Battery indicators let the user know when it's time to recharge. The lights can be locked by pressing the power button five times. [Hall 1 / 4F / L0304](#)



HOLLAND MECHANICS QUATTRO

Achieve precise 42-second wheel truing with the new Robot Quattro! This advanced system uses predictive algorithms to deliver 99% accuracy, ensuring consistent, high-quality results. By precisely managing spoke tension and speed, it guarantees stable output and seamless integration with bike assembly lines. Boost efficiency, minimize waste, and optimize production. Visit us at booth 4F-1223 to learn how this solution transforms wheel building! [Hall 1 / 4F / L1223](#)



FSA K-FORCE AGX (+LOOP)

Discover the new FSA K-FORCE AGX Handlebar and AGX LOOP Extensions: control, comfort, and aerodynamics for gravel riding. Designed to tackle any terrain, they deliver top performance with a carbon construction, 25° flare, and ergonomic options for long-distance rides. Perfect for epic races and limitless adventures! Come visit us! [Hall 1 / 4F / M1212](#)

城市通勤及摺疊電動自行車 小徑車在城市中找到定位



Kompakt E+ 配備安靜且強大的 Giant SyncDrive 馬達。



Go Time 5000 配備全避震車架和4.5英寸輪胎。

前叉。**Codifice [Hall 2 / S1013]** Go Time 5000 是這類車型的典範，甚至還包括一個可上鎖的貨物儲存空間，類似於摩托車的油箱位置。這款車內置 48V 電機，根據地區不同，速度限制為 25km/h 或 32km/h，960Wh 電池可提供最高 100 公里的續航。寬大的 4.5 英寸輪胎雖然可能影響效率，但能有效減少路面震動，且若遇到更崎嶇的地形，Go Time 500 是全避震設計，能應對各種挑戰。車輛還配備了整合式照明系統，包括方向燈和喇叭，並搭載 Shimano 7 速變速系統和液壓碟煞。

摩托車風格的城市自行車通常較重，因此 **Litzmo [YMA Corporation, Hall 2 / R0524]** 的產品令人耳目一新。該公司已有近 30 年的碳纖維自行車製造經驗，並推出了這類車型的新品——ER-01。Litzmo 宣稱，這是“業界唯一全碳纖維結構”，車架、前叉和車把皆完全採用碳纖維。ER-01 配備一個安裝在長椅下方的 900Wh 松下電池驅動的後輪電機，續航里程達 100 公里。該車設計有主車架掛點，可用於加裝廣告板或儲物箱。它還與 Smart Z 應用程式整合，實現遠程智能鎖定，為用戶提供更安全、更智能的騎行體驗。

貨用自行車或許正成為歐美城市騎行的新趨勢，但並非每個人都需要長尾或大容量的貨箱車。

幸而，如今有眾多中間選項可供選擇。**Pacific Cycles [Hall 1 / N0306]** 推出的 Moove 是一款具備模組化設計與兼具載重的標準尺寸城市車型，能滿足廣泛使用需求。Moove 是一款配置 20 吋小輪徑的城市車，其單下管主車架內嵌了 Bosch SX 驅動系統的內置電池，而模組化車架還可以適配其他驅動系統。前後部的安裝點讓增添貨架變得簡單，提供多樣化的載物選擇。單一車架尺寸適合身高 150 公分到 185 公分的騎士。儘管外型厚實，它實際相當輕便，僅重 19 公斤，內建的 400Wh Bosch 緊湊型管狀電池續航能力可達 86 公里。

Momentum 是 **Giant [Hall 1 / M0820]** 的子品牌，它也提供一款功能全面且靈活的 20 吋城市車型。根據 Momentum 的說法，Kompakt E+「動力強大，能騎遍各地，不佔空間，可在任何地方存放。」它配備可調節龍頭、可摺疊踏板及快速釋放的座管，便於儲存時將車身縮小至僅 290 毫米寬。

Kompakt E+ 最多可承載 42 公斤，包括與 MIK 兼容的包包、後置籃筐或後座椅，以及可選的前貨架選項。此外，還配有後拖車安裝點，可額外載人或運輸貨物。為了城市中的安全考量，車架內部整合了 ABUS Bordo 鎖與 XPlus 電池鎖，方便且無縫地鎖住車輛和電池。Giant 的 SyncDrive 馬達安靜且強勁，騎行模式可以通過 Giant 的 RideControl 應用程式進行調整。

Merida [Hall 1 / M0620] 推出 eFLOAT HD 為一款輕型貨物電動自行車，通過加強型後貨架和新設計的前頭管安裝貨架，提升了標準 eFLOAT 的承載能力。針對需要多功能載重的騎士而



Merida 的 eFLOAT HD 能夠應對貨物運輸或越野冒險。

設計，eFLOAT HD 避免了傳統貨物電動自行車的不便，其前後貨架可承載高達 50 公斤的負重。堅固的鋁合金車架、29 吋輪胎及避震前叉，使其無論是柏油路面還是越野路段都表現出色，Bosch CX 馬達提供了充足的動力，而 800Wh 電池則帶來了長遠的續航。eFLOAT HD 標配擋泥板、後貨架、雙支架、內建鎖以及前後燈，並提供一款低跨點車架供需要更多空間的騎士選擇。

越來越多採用 20 英寸輪徑的城市自行車正在追求摩托車外觀，配備復古賽車風格的車架、長椅座椅及雙冠



Litzmo ER-01 配備全碳纖維車架及前叉。



Moove 配備前後貨架，以提供額外的載物容量。



BICYCLOAD Urban-Q110
配備模組化儲物空間。

又一家公司將城市電動自行車的主車架設計為儲物空間，這次是由 **Starts Jump [Hall 2 / R0831]** 帶來的全新概念。BICYCLOAD Urban-Q110 車架設計了用於安裝模組化箱子的支架，這些箱子可以輕鬆從車架上拆卸下來。無論是修車技師前來修理自行車，還是醫護人員抵達為您處理摔傷，任何專業人士都可以隨身攜帶他們工作所需的工具。

如果您需要一款摺疊車來應對多模式通勤或解決存放空間不足的問題，那麼 **BESV [Hall 1 / N0110]** PSF2 是一款兼具美觀、環保與智能的摺疊電動自行車。作為 2025 TAIPEI CYCLE d&i 獎項的得



DK City db5+ 的重量僅為 17.1 公斤。



BESV PSF2 榮獲 TAIPEI CYCLE d&i 獎項。

獎作品，這款車輕巧又現代，設計靈活，可滿足日常騎行與旅行需求。其一體式車架與縱向雙摺機構結構堅固耐用，折疊過程簡單優雅。與大多數摺疊車不同的是，PSF2 提供後避震設計以增添舒適感。BESV 的第二代系統採用 250W 後輪輪載電機，由一個 381Wh 可拆卸電池供電。它有三種標準助力模式，且智能模式可以根據騎行狀況自動調節助力，提供更流暢的騎行體驗。您還可通過 BESV 的應用程式控制車輛功能。

DK City [Tung Keng Enterprise Co. Ltd / Hall 1 / N0532] 的 db5+ 折疊電動自行車以超輕量且優雅的碳纖維車架為核心設計，採用低跨點設計，提升了使用的便利性。配備單速變速系統、單叉設計及輕量化鎂合金輪組，db5+ 的重量僅為 17.1 公斤，並搭載可拆卸的 2.9 公斤座管電池，讓這款自行車更便於轉移至汽車或公共交通工具上。此車款採用 200W 中置馬達，透過皮帶驅動後輪，實現城市內部行駛的清涼與安靜體驗。DK City 表示：「db5+ 的時尚設計與卓越功能將重新定義 20 吋折疊電動自行車。其獨特且引人注目的外



Naro Delta 的傾斜控制系統可鎖定以提高穩定性。

觀不僅增強了視覺吸引力，還使其成為您每次騎行中的話題焦點。」

對於行動或平衡有困難的人，或尋找一輛穩定的自行車以載運孩童或貨物的人，**Naro Delta [Hall 1 / N0632]** 傾斜控制系統 (LCS) 允許三輪車的前部以與雙輪自行車相同的自然、直觀方式傾斜，同時保持兩個後輪貼地以確保最大穩定性。透過鎖定前部，騎乘者還可以在靜止時保持在車上而不需要將腳放下。此設計提供了卓越的低速操控性，並且將載重區移至車輪後方，使其更加穩定。圖中展示的 F20 Delta 1 三輪車配備了 80Nm 的八方 M410 中置馬達和 Shimano Nexus Inter-3 傳動系統。

■ DA

中文

NEW PRODUCTS

JETSET AR-25 HO 礫石輪圈

Jetset 最新的礫石輪圈 AR-25 HO 採用專利的 Arcos 系統輕量技術，已獲得美國專利局的正式認可。Jetset 致力於推廣這一系統，以滿足市場對更高性能和可靠性的需求。這款輪圈提供 700C (420g) 尺寸，採用套接接頭結構，完美平衡了輕量設計與耐用性。

Hall 1 / 1F / I1026



V-GRIP LALAU CAP

V-Grip 的水壺蓋配件：所有部件均可拆卸，便於清潔和保持優良衛生。亦可放入洗碗機清洗。

Hall 2 / 4F / S0318

AVS ELECTRONICS RC8-FS

AVS RC8-FS HMI 配備整合的生物識別指紋感應器。該指紋系統僅允許授權騎士解鎖並操作電動車輛。此外還配備可選的藍芽連接和多色 RGB 按鈕，以便直觀的控制助力/步行模式、燈光、設置和系統電源。RC8-FS 與多種驅動系統兼容，並支持常見的通信協議。

Hall 1 / 4F / L-0622



KMC ENDURO X

KMC 擁有超過 40 年的鏈條製造專業，是全球自行車傳動系統的領導者。KMC 的 LINK DESIGN 概念確保 KMC 鏈條、鏈輪和飛輪之間無縫兼容，提供更平滑、更高效的騎行體驗。

三大核心技術：

- X-Bridge — 提升換檔速度和穩定性。
- X-Link — 確保鏈條精確啟合以達到最佳效率，如同自動駕駛。
- X-Ramp — 提供 FlowCON-TROL，實現最平滑的換檔體驗。

Hall 1 / 1F / J0118

DAHON K-FEATHER

K-FEATHER 體現了設計中的極簡主義精髓，非常適合任何城市旅行。它便於攜帶，而巧妙隱藏的高密度電池，為先進的扭矩感應系統供電。小輪子靈活緊湊，具有強大的動力。DELTECH 馬甲線增強了車架的強度和剛性，方便踩踏，讓騎行更加安全。

Hall 1 / 4F / M0511



WOHO Bike

台灣自行車背包先驅擴展其產品線

雖然礫石自行車類別在北美和歐洲持續蓬勃發展，但在台灣的增長相對緩慢。總部位於台北的 WOHO Bike 致力於改變這一現狀。



WOHO Bike 產品於台北國際自行車展 2023 和 2024 展出。(照片來源: Werner Müller-Schell)

近期，許多台灣公司紛紛推出礫石車的創新產品，或計劃在今年的台北國際自行車展中亮相。然而，在比利時 Velofollies、歐洲 Cyclingworld 及德國 Eurobike 等國際展覽中明顯的礫石車熱潮，卻未在台北國際自行車展中出現。WOHO Bike (Hall 1 / N0001) 是少數

幾個值得注意的例外之一。

WOHO Bike 成立於 2008 年，源於對探險騎行的熱愛，總經理 Samuel Chang 解釋說：“WOHO Bike 由一支多元化的團隊所組成，包括越野自行車、公路車及旅行車的愛好者。我們多樣的騎行經驗激發了新點子，而台灣是

一個將想法變為現實的理想之地，也定義了 WOHO Bike 的本質。”他補充道：“自成立以來，公司的使命一直很明確：致力於開發輕便、耐用且模組化的自行車背包設備，提升騎行體驗。”

WOHO Bike 的產品系列展現了其對冒險騎行的承諾，在「XTouring」系列下提供坐墊包、車架包、車把包和上管包，設計輕量、耐用且防水。「Double Ace Ti」礫石自行車採用鈦合金車架，專為耐力騎行及崎嶇路況打造。該公司還開發了如「Anti-Sway Stabilizer」的零件，能減少負重設置時的晃動，以及模組化車把系統以提升多功能性。

儘管台灣的礫石自行車市場規模相對較小，WOHO 在國際上取得了顯著成功。其主要客戶群包括歐洲、北美和亞洲的冒險騎士、耐力挑戰車手以及自行車旅行愛好者。儘管具體的分銷數據有所變動，約 35% 的銷售額來自歐洲，30% 來自北美，30% 來自亞洲。該品牌能夠滿足多樣化的騎行文化需求，突顯其適應力以及滿足不同騎行族群需求的承諾。

“在台北國際自行車展，我們將展示一款全新的車把系統，旨在透過提供更高的多樣性和耐用性來提升自行車遠征的體驗，”Samuel Chang 表示。此外，WOHO Bike 團隊將台北國際自行車展視為業務拓展的重要平台。“我們的主要目標包括開拓新的市場、加強與現有合作夥伴的關係，並向更廣泛的受眾展示我們的最新創新，”Samuel Chang 指出。該品牌尤其希望能與歐洲的經銷商建立聯繫，因為後疫情時代對自行車遠征裝備的需求在歐洲激增。

“我們的長期目標是持續推動自行車遠征裝備創新，同時擴展我們的全球影響力。我們希望成為業界的領導品牌，提供能讓騎行者自信探索世界的產品，”Samuel Chang 強調，儘管台灣的自行車市場仍屬於小眾範疇，但 WOHO Bike 正在證明，創新與全球化視野可以搭建本地騎行文化與國際自行車遠征熱潮之間的橋樑。■ WMS

NEW PRODUCTS



TAYA

TAYA'S E-BIKE CHAINS

TAYA 致力於通過不斷提升產品品質來增強騎行體驗。TAYA 的鏈條提供更順暢的換檔和更大的耐用性，特別適合電動自行車。體驗這些鏈條在您騎行旅程中的不同之處。歡迎蒞臨展位 K0610 了解更多資訊！

Hall 1 / 1F / K0610

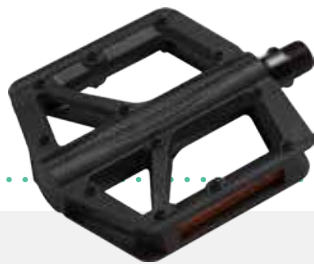
FPD

INDUSTRY CORP.

NW-638

這款輕量化的530毫升容量瓶子配備高流量蓋嘴，可以保持飲料冷或熱達5-7小時。採用優質的18/8 304不銹鋼製成，無金屬味；享受純淨的水味。無BPA，方便攜帶或適合放入自行車水壺架中。

Hall 1 / 1F / J1018



VELO

SWITCHRAIL

固定座軌的座墊使得拆解和回收變得複雜，降低了整體資源效率。為了解決這個問題，Velo 開發了可拆卸的座軌設計，以便於拆解。Switchrail 延長了產品的使用壽命，消費者只需更換座墊的上部，而無需丟棄整個座墊。Switchrail 在回收過程中減少了環境影響，體現了 Velo 對資源循環和環保的承諾。

Hall 1 / 1F / J0618

HAFNY

HF-M6002S-FR055

介紹此款具有創新專利夾具的後照鏡，提供令人難以置信的靈活性——它可以旋轉或固定，為您提供多種選擇。旋轉球確保您可以輕鬆調整到完美的視角，旋轉範圍達360度。長度也可以根據需要調整，適用於任何情況。

Hall 1 / 1F / I1323a



POWERWAY

RATCHET SYSTEM HUB

Powerway 新款 PHR-S-CT142001S 棘輪設計旨在通過添加通道來改善齒輪功能和齒輪壽命，以幫助將砂礫和雜質排出齒輪外。全接觸驅動環，提供可靠且穩定的系統。目前的 36T 型號提供六螺栓、中心鎖定碟煞和 V 煞版本。欲了解更多資訊，請前往 Powerway 在 1 號展廳的展位。

Hall 1 / 1F / I1322



產品趨勢：皮帶傳動 消除最薄弱的一環

作為一種安靜、清潔且低維護的解決方案，皮帶傳動系統在多功能領域掀起了一陣風潮。電動自行車的興起進一步推動了這一趨勢，那麼運動型應用是否是皮帶的下一個目標？

熟悉多功能電動自行車和貨用自行車的人可能已經注意到，皮帶傳動方案正在取代傳統的自行車鏈條，成為一種新興趨勢。除了減少維護問題和噪音之外，推動這一趨勢的另一個主要原因在於，藉由中置電機施加的額外扭矩，皮帶可以避免傳動系統零部件（如飛輪）快速磨損。德國製造商 Riese & Müller 擁有約 70% 的高端電動自行車採用了皮帶傳動。證實這一趨勢的是 **KMC Europe [Hall 1 / J0118]** 的總經理 Christ Bakker 作為傳動解決方案的領導供應商，他表示：「市場中的某個細分領域選擇皮帶作為傳動解決方案已經有一段時間了。這種皮帶傳動的趨勢主要以消費者為導向，且局限於配備內變速齒輪的電動自行車。」

這一發展至關重要，因為皮帶傳動系統無法與變速器基礎的傳動系統相容，而是依賴於齒輪箱或內變速花鼓。在電動自行車領域，最近有兩種設計頗受歡迎。大多數製造商將中置馬達與諸如 Enviolo、Shimano、Rohloff 或 Sturmey Archer 的內變速花鼓結合使用，而一些運動電動自行車則選擇將 Pinion 齒輪箱安裝在五通區域，並結合安裝在後輪花鼓中的馬達。此外，還出現了一種新型的集成齒輪箱的中置馬達——例如 Pinion 的 MGU 或 Pendix、Okawa 和 Preeto 等品牌的類似產品——從一開始看起來就是為了皮帶傳動而設計的。

早期亦曾有 Bridgestone 和 Strida 推出過配備小輪和皮帶傳動的折疊自行車。而第一個在全尺寸自行車的高性能皮帶傳動解決方案上認真投入的供應商是 **Gates Corporation [Hall 1 / F0100]**。基於近一個世紀的工業皮帶傳動解決方案經驗，Gates 於 2007 年推出了第一代專門為自行車設計的皮帶傳動產品，至今已超過 20 年。不久，



皮帶傳動因安全性提升而成為兒童自行車的熱門選擇。

人們發現皮帶傳動需要精確對準的車架以及後三角的額外剛性，以確保低摩擦運作。因此，車架製造商不得不提升其設計水平。由於皮帶無法分割，後三角也必須設計出某種開口以安裝皮帶，並規劃出正確張緊皮帶的方法。

將近 20 年後，Gates 以其 Carbon Drive 系列成為自行車皮帶驅動解決方案的市場領導者，該系列包括四個不同品質等級，針對不同使用者需求。入門級的 ST 系列專為休閒單車、單速自行車和兒童自行車設計，在這些車型中皮帶驅動系統額外提升的安全性尤為受歡迎。其他三個高級系列均採用 2010 年推出的 CenterTrack 中心槽技術，確保皮帶穩固定位。其中，CDN 系列建議與不會對傳動系統施加額外負載的輪轂電機結合使用；CDC 系列則適合扭矩上限為 75 Nm 的中置驅動馬達；對於更強大的馬達，Gates 推薦使用其頂級的 CDX 系列。

另一家在自行車皮帶驅動解決方案領域的早期參與者是位於台中的 **Drivetrain Tech Solution [Hall 1 / L0510]**。

其品牌 Cycle Drive Systems（簡稱 C-Drive）於 2008 年推出首款皮帶驅動產品，聲稱提供市場上最具成本效益的皮帶驅動技術，專為量產自行車打造。該系列總共分為五個類別，從入門級的 Junior 和 Start Light 系列，到 Start Light+ 和 Performance Classic 系列，以及頂級的 Stream 系列，該系列專為結合中置驅動馬達的需求設計。此外，C-Drive 的 Amplifier 曲柄組具有內建行星齒輪系統，巧妙地將皮帶驅動自行車的檔位數量翻倍。

總部位於台中，**Omnitrans Technology [Hall 2 / S1029]** 於 2022 年向公眾推出其 Omnitransbelt 系統。該



碳纖維 CDX 是 Gates 的頂級傳動產品。

公司還生產曲柄、齒輪及傳動齒圈，其傳動帶結合橡膠、耐磨織物、碳纖維拉伸繩以及防紫外線和防水布料，確保耐用性，並宣稱壽命超過 15,000 公里。Omnitrans Technology 執行長 Gordon Chen 表示：「傳動帶在自行車產業中擁有光明的未來，因此我們認為自己處於非常有利的地位。」

在去年的 Eurobike 展會上，KMC 宣布與德國傳動帶製造商 Optibelt 展開合作。隨著實用型電動自行車的電氣化進程加速，越來越多帶有整合變速箱的中置馬達投入市場，並且運動型自行車市場將觸手可及，對傳動帶的需求可能會進一步增加。Optibelt 計劃將其產品定位為 Gates 產品的高端替代方案。KMC 歐洲分公司 Christ Bakker 認為，此次合作將帶來豐碩的成果：「結合 Optibelt 的產品知識與 KMC 的市場專業以及物流網絡，這對兩家公司以及整個自行車市場都是雙贏的局面。」 ■ LVR



使用 C-Drives 放大器加倍你的傳動齒比選擇。



Omnitrans Technology 的執行長 Gordon Chen 看好皮帶傳動的未來發展。

歐洲市場數據

大規模折扣侵蝕營收

2023年，自行車銷售額因銷售數量減少而下滑。去年，價格壓縮是造成營收下降的主要原因。



碟石自行車正甩開行業低迷的陰霾。

一些歐洲國家的自行車製造商和經銷商協會在台北國際自行車展之前就已公布市場數據。一個明顯的趨勢是，銷量減少的速度有所放緩，但不斷的折扣仍侵蝕了利潤和整體營收。

在2022年歐洲自行車需求創下歷史新高後，2023年全歐洲的銷售量急劇下降。德國、荷蘭、比利時、瑞士和英國的初步數據顯示，2024年歐洲的自行車市場仍然面臨挑戰，但原因有所不同。儘管通脹效應已經回落，但由於2023年10月消費者信心降至低點後未能恢復，加上烏克蘭戰爭仍在持續、中東局勢依舊動盪，市場的不確定性持續增加。此外，川普政府咄咄逼人的態度以及對進口美國的消費品和原材料徵

收關稅的威脅也加劇了不安情緒。

由於疫情引發的需求激增，各國的自行車市場現已飽和，造成短期內需求低迷。這種情況尤其體現在無電力輔助的登山車和城市電動自行車上，目前這些類別的商品在倉庫中積壓無人問津。雖然在德國，由於嚴格的規定，速度型電動自行車（speed pedelecs）依然銷量困難，但在比利時和荷蘭，這一類別的市場熱度也有所下降。原因之一是一些租賃公司開始出售在三年合約期滿後的翻新電動自行車。至少比利時二手速度型電動自行車市場的強勁增長表明了這一點。

然而，2024年高端公路車和碟石車依然表現良好，且未提供任何折扣。高

端公路車品牌 Pinarello 和 Colnago 在2023年公布的銷售數據出人意料地出色，而彎把車的銷售無疑成為德國、比利時、荷蘭和瑞士市場的一線希望。運動型輕輔助電動自行車也銷量可觀。這一細分市場相對較新，尚處於擴展階段，尚未達到飽和狀態。最後但同樣重要的是，實體店的服務和維修需求十分旺盛，以確保疫情期間購買的大量自行車能夠保持良好運行。

德國雙輪工業協會（ZIV）在一場線上新聞發布會上公布了其2024年的市場數據。根據ZIV的數據，德國自行車市場的銷量同比下降2.53%，達到385萬輛。其中，電動自行車占據了53%的市場份額，去年共售出205萬

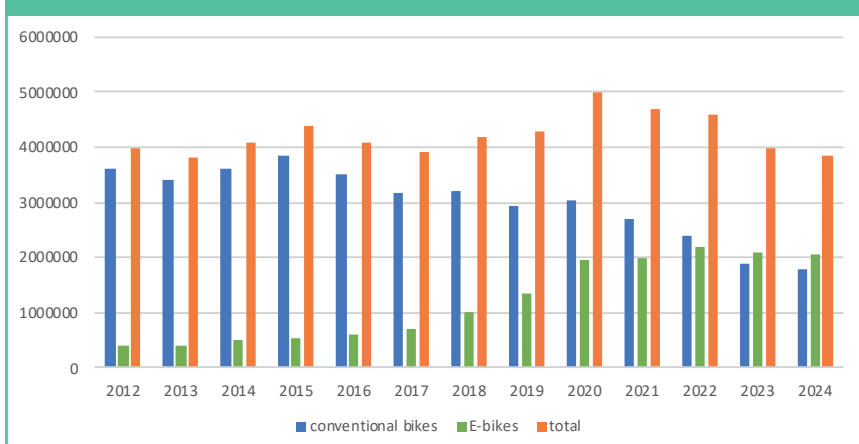
輛，同比下降2.4%。傳統自行車的銷量下降了5.3%，至180萬輛。因此，相較於前一年13%的下降幅度，就銷量而言，今年的降幅有所減緩。然而，不幸的是，這並未完整反映整體情況。

從營業額來看，德國自行車市場的規模縮減了10.3%，降至63.3億歐元。相較2019年，這一數據仍然高出超過50%。銷量與營業額間的差距表明，2024年的自行車市場存在激烈的折扣壓力。從獨立自行車零售商到依賴直接面向消費者（D2C）銷售的品牌，再到超市零售商，各市場參與者均不得不犧牲部分利潤來清理或至少減少庫存。這一點也表現在平均銷售價格上：電動自行車的價格下降了10.2%，至2650歐元；而傳統自行車的價格則上漲了6.4%，至500歐元。

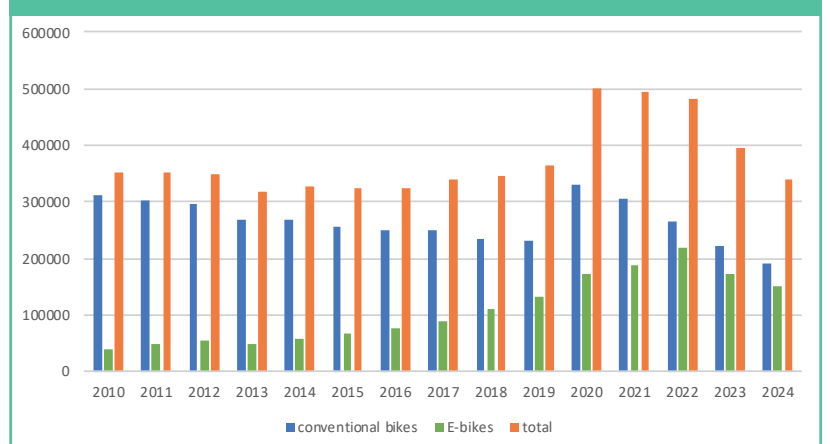
至少降價達到了預期效果，倉庫中儲存的電動自行車和傳統自行車數量得以減少69萬輛，讓製造商、經銷商和自行車零售商稍微喘了口氣。這一結果導致德國國內生產同比減少13.8%，其中電動自行車生產下降14.8%，傳統自行車下降11.7%。德國的出口量也同比減少10%，其中電動自行車僅下降5%，傳統自行車則下降15%。進口量幾乎減少了30%，電動自行車和傳統自行車之間僅有小幅差異。

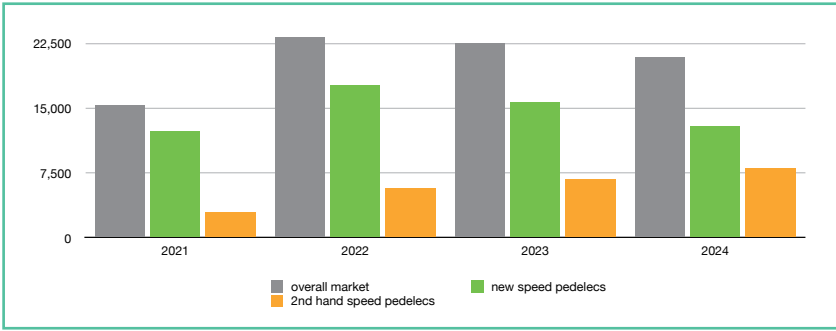
就德國進口自行車的來源來看，53%的傳統自行車來源於其他歐盟國家，40%來自亞洲，柬埔寨、孟加拉和中國是主要供應國。最大的贏家是葡萄牙和印度。而對於電動自行車，情況則截然不同：德國75%的進口電動自行車來自歐盟國家，高於前一年的70%，而來自亞洲的比例下降至21%。在歐洲地區，捷克、保加利亞、匈牙利和荷蘭是德國主要的電動自行車供應商，而在亞洲地區，越南和台灣是最重要的出口國。

德國市場按銷量劃分-傳統自行車與電動自行車

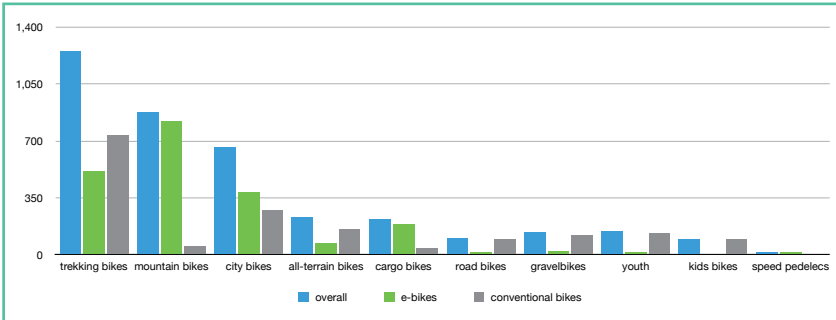


瑞士市場按銷量劃分-傳統自行車與電動自行車





在比利時，翻新的二手高速電動自行車已開始侵蝕新車的銷量。



雖然 2024 年德國售出的絕大多數山地車都是電動化的，但其他類別仍以傳統自行車為主。

瑞士的自行車市場同比萎縮了約 54,000 輛 或 13.6%，降至 341,142 輛。電動自行車銷量下滑 12%，降至 151,772 輛，占市場份額的 44.5%。傳統自行車銷量則下降 15%，降至 189,370 輛。瑞士供應商組織 Velosuisse 在新聞稿中表示，市場部分飽和、消費者信心低迷以及非常潮濕的春季天氣減緩了庫存清理。同時，自行車連鎖店 Bike World 的所有權變更以及隨之

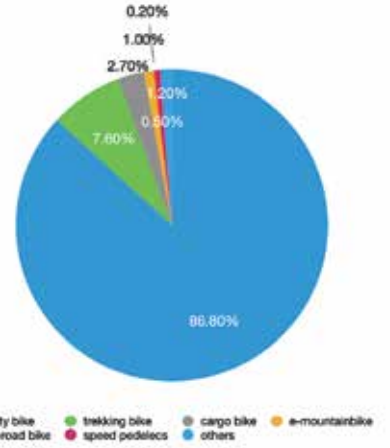
而來的折扣打壓了利潤空間。經歷了十年的動態增長後，荷蘭的自行車市場在 2024 年顯著萎縮。根據聯邦 Bovag 和 RAI 公佈的數據，年末銷售量為 858,126 輛，同比下降 7%。但自行車銷售產生的營業額僅減少 4%，降至 15.5 億歐元，原因是每輛自行車的售價仍增長 3%，達到 1,809 歐元。隨著電動自行車銷量下降 9%，降至 409,467 輛，其市場份額再次低

於 50%。儘管如此，電動自行車銷售額占全部自行車銷售營業額的 72%，因為電動自行車的售價同比增長 5%，達到 2,719 歐元。

有一個需要注意的地方是，荷蘭的市場數據中，胖胎自行車這一類別僅於 2020 年才開始引入，這使得與此前幾年的數據進行比較變得更加複雜。這些幾乎全部配備電動系統的胖胎自行車，特徵為小直徑輪胎搭配超寬輪胎，以及設計為可容納兩名成年人的坐椅。2024 年，荷蘭共售出 111,033 輛胖胎自行車，佔總銷售量的 13%。大部分胖胎自行車通過 D2C（直接面向消費者）渠道銷售，但其中許多並不符合歐盟的相關規定，因為這些車配有加速器電控，並且對最高速度的改裝過於容易。

至於比利時的市場，國家聯盟 Traxio 和市場研究公司 GfK 於一月中旬在 Velofollies 自行車節上發表了基於 1 月至 11 月比較的初步調查結果。根據調查結果顯示，2024 年比利時的消費者信心依舊低迷，而天氣情況也不利，該年被記錄為歷史上降雨量最多的年份之一。根據 Traxio 和 GfK 的報告，整體市場同比萎縮了 8.2%，其中電動自行車僅下降了 5.9%，而傳統自行車的銷量則下降了 11.6%。

電動自行車的市場佔有率增長至近 61%，但自行車和電動自行車的銷售



在荷蘭，實用型自行車在電動自行車市場中占據壓倒性優勢。

額下降了 5.8%，至 6.916 億歐元。高速電動自行車的銷售量同比大幅下降 17.5%，但二手銷售則上升了 18.3%，主要由於租賃合約到期及翻新車型進入市場。

英國自行車協會也提前提供了有關 2024 年自行車市場表現的資訊。自行車銷售繼續下降至千禧年以來未曾見過的低水平，傳統自行車銷量下降 4%，至 145 萬輛，而電動自行車銷量下降 5%，至 14.6 萬輛，市場佔有率僅為 9%。從積極的角度看，相較往年，2024 年的年銷量下降速度開始放緩，經過艱難的上半年後，下半年市場表現趨於平穩，並且服務和維修需求旺盛。 ■ LVR

Humpert 推動 OE 業務 Ergotec 融合工藝與客製化

Humpert 希望憑藉德國製造的優良血統及高度客製化能力，擴展 Ergotec 的 OE 業務。

創立於 1918 年的 Humpert 座落於德國工業心臟地帶——魯爾區 (Ruhr Valley)，現已成為優質自行車零件的專家 [Hall 1/10810]。從以車把作為核心產品開始，該公司逐步將產品線延伸至龍頭、踏板、座墊及座管，甚至包括可調式座管。歷經一個多世紀的發展，Humpert 目前擁有約 100 名員工，自 1998 年以來一直由第四代繼承人 Wilhelm Humpert 和 Ralf Humpert 領導。該公司僅車把的年生產能力就超過 200 萬支。精湛的工藝是公司的核心，其總部目前仍位於創

立之初的 Wickede 鎮。在 Ergotec 品牌下，Humpert 專注於人體工學與安全性。在安全性方面，Humpert 研發了自己的 Safety Level 系統，基於預期的動態負載及使用中可能產生的作用力，考慮騎乘者以及行李袋的重量，並通過嚴格的內部測試來驗證。隨著電動化和貨運自行車等趨勢導致自行車重量大幅增加，這種對安全性的高度關注已為 Ergotec 帶來顯著效益。為了進一步吸引產品經理及增強其 OE 業務，Humpert 在去年的台中自

行車週推出了“Ergotec 客製化平台”，並計劃在今年的台北國際自行車展延續該平台的推廣力度。該平台基於驗證有效的元素，沿用近年來不斷投資和升級的尖端內部測試與生產設備。隨著 Humpert 亞洲辦公室位於台北市中心，該供應商擁有完善的採購及品質控制接口，並能提供所需的即時交貨物流解決方案。此外，Humpert Asia 還負責歐洲以外地區的分銷業務。Ergotec 的產品目錄包含多種複

第四代領導者 Wilhelm (左) 和 Ralf Humpert 與第五代業務發展經理 Dennis Humpert (中) 共同亮相。

雜產品，例如具有可調角度並巧妙結合 Bosch 緊俏型 Kiox 顯示屏支架的車把立，是 Humpert 位於斯圖加特附近的獨立辦公室的經驗豐富的研發專案團隊與合作夥伴密切合作所能實現的成果之一。

隨著越來越多公司作為其 ESG 相關努力的一部分，而編制詳細的永續發展報告，Humpert 一直在評估所有在德國製造的 Ergotec 產品的碳足跡，以尋求進一步改善的方法。一個典範案例是該公司於 2018 年在其用於鋼製零件電鍍的鍍鉻部門中逐步淘汰了致癌性 Chrome 6，轉而使用同樣可靠的 Chrome 3。這一轉變是在與電鍍工藝領域的頂尖專家密切合作中實現的。去年 11 月，亨派發表了其首份全面的永續發展報告，展示了令人印象深刻的成就與對未來的雄心勃勃目標。 ■ LVR



為了在全球市場上保持競爭力，Humpert 已經在自動化方面進行了大量投資。



Humpert 在其專有的安全等級系統上，採用嚴格的內部測試。

INTERVIEW

櫃買中心董事長簡立忠談資本市場 如何促進產業成長

投資及併購交易等議題近年來在國際自行車展中日益受到矚目。在 2024 年台中自行車週期間，TPEX 證券櫃檯買賣中心（下稱櫃買中心）董事長簡立忠的到訪更突顯了這一趨勢。《台北展報》專訪了簡立忠，了解他對自行車產業的看法、資本市場幫助自行車公司擴大營運規模的角色，以及他對 2025 年台北國際自行車展的參與看法。

去年您完成了「花東自行車挑戰」，足見您對自行車運動的個人熱情。這種與運動的連結如何影響您從資本市場的角度支持自行車產業成長的觀點？

簡立忠：這是我第二次參加「花東自行車挑戰」。透過這層個人連結，我認為櫃買中心（TPEX）可以成為支持自行車產業中更多小型、中型及微型企業進入資本市場的優質管道，並共同創造更繁榮且充滿熱情的「運動休閒產業」。

每一台精緻的高端自行車都彰顯了台灣作為「自行車王國」的卓越聲譽，這背後由數以百計至數以千計的企業在價值鏈中支撐，涵蓋機械技術、零件設計與生產、材料工程、精密製造與組裝，乃至行銷等領域。與台灣許多重要產業相似，自行車產業通過策略性的合作，在全球市場取得了成功的成就。從傳統的勞力密集製造模式轉型至 ODM 與全球品牌運營，許多自行車企業已崛起為全球領先的公司，進一步鞏固了產業的整體生態。我期待這份驕傲的傳承得以延續。同時，我相信資本市場能夠成為自行車產業可持續增長的重要催化劑，為企業提供更多的能見度與資源。



櫃買中心董事長簡立忠（右）與捷安特台灣總經理鄭秋菊（左）

您對目前自行車產業的狀況有何看法？尤其是在股票市場方面。

簡立忠：雖然自行車在全球市場與供應鏈中扮演著舉足輕重的角色，但其在股票市場總市值中佔比相對較小。目前僅有少數幾家公司掛牌上市，主要集中於組裝與零件製造領域。顯然，這方面還有提升的空間。TPEX擁有多元化且具特色的產業，包括半導體、生技醫療、太陽能等。掛牌上市的公司可以藉助資本市場的聚集效應充分發揮潛能。為配合政府政策與全球趨勢，TPEX於 2023年7月新增了上市公司產業類別「運動休閒產業」，其中自行車產業作為該類別中的一個子領域，反映出櫃買中心致力於成為更多與自行車相關企業首選平台的目標。

在新冠疫情後，自行車產業面臨全新的機遇與挑戰。隨著全球各國政府制定淨零目標，消費者與投資者對低碳企業的關注度日益提升，推動了整個自行車產業的發展。國內自行車製造商以高品

質和附加價值產品聞名。為了保持競爭優勢，許多企業紛紛投入巨資研發創新和可持續材料。在近年來，投資者將自行車產業納入其永續投資組合之一。

您如何看待資本市場在協助自行車企業擴展營運規模方面的角色？

簡立忠：資本市場的主要功能之一在於協助籌集資金。櫃買中心（TPEX）設有完整的多層次市場結構，包括上市股票市場、創板（Emerging Stock Board, ESB）以及新創板（Go Incubation Board for Startup and Acceleration Firms, GISA），分別針對大中小型企業的需求而設計。我們致力於持續強化各板塊的功能，使不同發展階段的企業能夠選擇最適合的市場籌措資金，以支持其營運和研發活動。

如上所述，TPEX擁有多個具代表性的產業集群。自行車產業可歸類於運動休閒產業。此分類有助於掛牌公司利用集群效應產生綜效，在資金籌措、識別

度提升以及能見度和知名度增強方面具備優勢。此外，掛牌公司更易吸引人才並拓展商機。除此之外，隨著這些企業的成長，它們還能透過併購或股權交易引入策略夥伴及優秀團隊，進一步強化其競爭力。

身為櫃買中心TPEX董事長，您計劃採取哪些具體措施來支持特別是自行車產業的企業上市並進入資本市場？

簡立忠：TPEX是連接資本市場與讓自行車公司更具規模的一個平臺。櫃買中心將繼續透過其多重市場加強輔導功能，以吸引更多的中小型及微型企業，同時支持它們穩健成長與拓展。對於規模較小的企業及新創公司，GISA是進入資本市場的良好選擇，該平臺提供輔導服務及資源媒合。規模較大且更成熟的企業可以透過進入創櫃板（ESB）來為上市作準備，以熟悉市場規範。在創櫃板的企業準備好追求下一階段的成長時，它們可以申請進入主板上市。為了促

進此過程，TPEX將繼續與中介機構合作，例如證券公司及會計師事務所，積極造訪國內自行車產業，面對面向企業介紹資本市場的優勢，並提供諮詢服務。目標是協助企業加速獲取資金。

在主板上市後，企業將受益於TPEX的多樣化服務，能更有韌性應對各種經營挑戰，例如淨零轉型及全球競爭。我們的債券市場也為中小企業提供替代性的融資工具。憑藉我們的經驗和支持，我有信心上市公司將能為未來的成長做好充分準備。

您是否也會參加2025臺北自行車展？

簡立忠：當然會參加！自行車是我日常生活的一部分，也是我力量的來源。我願意為自行車產業的未來做更多努力，並期待看到該產業與資本市場之間有更多連結與互動。 ■ WMS

TPU 超薄內胎的崛起

TPU 超薄內胎能否扭轉無內胎技術浪潮？

無內胎系統已經主導了自行車的運動領域。但這項技術伴隨著處理密封劑等高度複雜性。對於消費者和組裝工廠來說，一個更容易處理的替代方案是輕量化的 TPU 超薄內胎。



無論是在越野還是公路上，大多數專業賽車手都已轉向無內胎的系統。無內胎提供了更好的循跡力、更強的舒適性、較低的滾動阻力和更高的防刺穿保護。灌入防穿刺泡沫時，雖然增加了穩定的特性，但也帶來了更多的重量。然而，無內胎輪胎的初始安裝以及修補漏氣的過程可能既棘手又麻煩。TPU 內胎提供了一個引人注目的折衷方案，兼顧了安裝的便利性和騎行性能。與經典的丁基內胎相比，TPU 內胎的重量輕得多，滾動更輕鬆，並且仍然提供良好的防刺穿保護。而且作為備用內胎時，TPU 內胎的體積也相當迷你。在可持續性方面，這些內胎的生產和處理也具

有更多優勢。但對於消費者的利弊只是理論上的一小部分。另一個更大的相關是大規模安裝輪胎的實用性。對於組裝廠來說，每節省的一分鐘都意味著更多的利潤或通過削減成本來提高競爭力。因此，這些公司更願意在組裝高端運動自行車時不必處理止漏劑。TPU 內胎是一個受歡迎的替代方案，操作更簡單且更可預測。當交付時，配備一對無內胎閥門和一些氣密輪圈膠帶，當顧客要求時，自行車經銷商可以輕鬆進行無內胎轉換，並將兩個 TPU 內胎作為迷你的備用品交給顧客以備不時之需。兩家 TPU 內胎的先驅在台北自行車

展上展出：**Foss Worldwide [Hall 1 / N0019]** 自 2010 年以來主要將其內胎市場化為環保型，這些內胎的重量並不算特別驚人。**Eclipse [Hall 1 / M1308]** 大約在同一時間進入市場，但曾經因為幾年的經營問題暫時退出市場。現在該品牌在新所有權下回歸，提供其 TPU 內胎，分為三個質量等級：Ultra、Performance 和 Gran Turismo，涵蓋從 16 英寸到 29 英寸的輪徑。為了在實用使用中增加防刺穿保護，Eclipse 的 TPU 內胎的縮小版可以與 Tannus 泡沫補胎劑結合使用。



為了最大限度地防止爆胎，Tannus 將 Eclipse 的輕量 TPU 內胎與其自有的泡沫止漏劑結合在一起。

Schwalbe [Hall 1 / M0313] 也有廣泛的 TPU 內胎系列，其 Aerothan Tube 系列涵蓋從 16 英寸到 29 英寸的輪徑，並提供 Race、MTB 和 Allround 等不同需求和輪胎寬度的類型。對於實用自行車和電動自行車，Aerothan Plus Tube 在增加一些額外重量的情況下提供了更多的防刺穿保護。根據 Schwalbe 的說法，自四年前推出以來，Aerothan 內胎的需求在零售市場和組車場客戶中穩步增長。而大陸輪胎，**Continental [Hall 1 / M0803]** 的 TPU 內胎配備 60 毫米的法式氣嘴閥，

適用於 27.5 英寸和 29 英寸的越野版本，還有公路自行車版本。最新的公路自行車版本也提供 40 毫米、80 毫米和 100 毫米的閥門氣嘴長度。

中國製造商 **Ride Now [Hall 1 / L0008]** 向主要自行車製造商和組裝商供應其 TPU 內胎。根據創始人兼首席執行官 Eric Fu 的說法，Ride Now 的 TPU 內胎寬度與從 18c 到 5 英寸的胖胎輪胎相匹配。由於內胎是根據輪圈的周長切割並黏接而成，因此可以匹配任何輪徑。**RTI Sports [Hall 1 / M0604]** 是零件和配件的專家，去年在 Eurobike 展上推出了其 Aeron 品牌的 TPU 內胎。這些內胎的高端版本配備了可更換氣嘴閥芯的鋁閥，並且還可以與氣嘴閥門延長器結合使用，適合所有騎乘高框低風阻輪的騎士。也即將推出價格更實惠的塑料氣嘴版本。



Ride Now 已經將其中國製造的 TPU 內胎銷售給多家大型組裝工廠。

WTB [Hall 1 / L0818] 的 Nano Air TPU 內胎設計用於公路和越野使用。對於山地自行車，WTB 提供四個版本，其中兩個寬度適合 29 英寸或 27.5 英寸的輪徑。瓜佛車型的氣嘴閥門長度為 48 毫米，而公路自行車的 Nano Air TPU 內胎則有 65 毫米和 85 毫米的更長氣嘴閥門，以匹配高框低風阻輪。**Vittoria [Hall 1 / F0429]** 提供的選擇較少，其 Ultra Lite Speed TPU 內胎有一種尺寸滿足大多數公路自行車的需求。但您可以選擇氣嘴閥門長度為 40 毫米、60 毫米或 80 毫米的法式氣嘴閥，並且目前正在開發一種新尺寸，預計在夏季推出。■ **LvR**



Aeron 的 TPU 內胎配備合金氣嘴，允許使用延長管。



WTB 的 Nano Air 內胎附帶特定的自黏補丁，以修補較小的損傷。



瑞士品牌 Eclipse 是 TPU 內胎的先驅之一，現在由 Tannus 重新推出。

用於內胎的 TPU 可以有不同顏色，或者像 Schwalbe 的 Aerothan 內胎一樣完全透明。



2025 年，Continental 輪胎將在其 TPU 內胎產品中增加更多的氣嘴長度選擇。

NEW PRODUCTS

HYENA ALL-NEW THRU-AXLE DRIVE

MRC-F250是一款輕量級高性能的貫穿軸電動馬達，重量僅為2.0公斤。它提供業界領先的35Nm輪殼扭矩，確保平穩且安靜的騎行。兼容最多12速的飛輪，提供無縫整合、穩定性以及高性能公路車的簡易安裝。

Hall 2 / 4F / S0318



VP COMPONENTS VPS-001



VP Components 的 VPS-001 座墊可自定義且易於維護，可輕鬆拆卸以更換零件，並保持長久的性能。環保的結構沒有使用任何黏合劑，使其易於回收且對環境友好。可自定義的設計：可更換的零件有多種顏色，讓人能夠擁有個性化的外觀。

Hall 1 / 1F / K0806

WHILFLY INC. 360-WHILFENDER

新款 Merits-012345 擋泥板的體積僅為標準擋泥板的四分之一輪周，並採用了 5R 環保設計。它可將電動自行車、城市自行車或共享自行車製造商所需的擋泥板庫存空間減少一半。

燈光的電力供應由發電機系統提供，其發電效能是其他發電機的 10 倍（瓦特）。燈光設計適用於全天 24 小時使用，並具有 360° 全方位可見性。

Hall2 / 4F / R0732



SHINE WHEEL 25 BS XC AL1

ITEK 是專門為 OEM 或 ODM 客戶設計和製造各種合金車架的專家。ITEK 的新款 25 BS XC AL1 車架型號專為 Bosch 新一代 BDU38/34+PT600/80、BDU34/33 配備半 IG PP 電池而設計。採用液壓成型或重力/低壓重力技術進行 DT 製造，此技術借鑑於在汽車行業的專業知識。

Hall 1 / 1F / K1107



NECO H331 & H334

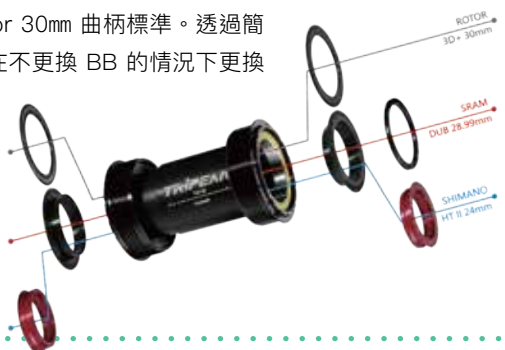
Neco Technology 的 H331 內走線一體化無螺紋車頭碗設計，旨在與 ZOOM 把手和內走線系統無縫整合。該設計擴大了內部走線空間，最多可容納六條管線：每側兩條 6mm 和一條 5mm。除了完全一體化的版本外，還提供半一體化型號 H334，與 ZOOM 把手同樣兼容。

Hall 1 / 1F / K1115

TRIPEAK 3 合 1 核心系統

TRIPEAK 的 3 合 1 核心系統 BB 可適用於 Shimano HT II、SRAM DUB 和 Rotor 30mm 曲柄標準。透過簡單的側蓋更換，騎士可以在不更換 BB 的情況下更換曲柄，這使得安裝更加便捷，並減少了零售商的庫存壓力。對於騎士和自行車店來說，這是一項顛覆性的創新。

Hall 1 / 4F / L0602



NUVO N+1-BC136P@R

這款 Nuvo 水壺架由回收材料製成，減少資源浪費。可調式間距適合直徑 70mm 到 80mm 的瓶子。非常適合貨用和礮石車款，能夠容納水瓶、電池、袋子和工具箱。包括一個法式轉美式的氣嘴轉接頭和一個塑料氣嘴扳手。易於拆解以便回收。

Hall 1 / 1F / K1015



BYSCHULZ SPEEDLIFTER TWIST PRO 2 SDS

這款 Speedlifter Twist Pro 2 SDS，是一個靈活的無需工具的可調龍頭系統，還允許將把手旋轉 90° 以便存放。由於鍛造的單獨部件和可承受高達 150 公斤的使用者重量認證，此系統極其耐用。搭配 SDS（把手對接系統）提供完全的靈活性，以便安裝智能手機、車載電腦、燈光等設備。

Hall 1 / 4F / M0104



DELTA 中置電動馬達

2025 年的 d & i 獎得主，Delta 的中置電動馬達專為電動登山車、旅行車和貨用車設計。這款 36V 馬達的不佔空間設計尺寸為 Ø111mm x 92mm，重量為 2.9kg，峰值助力扭矩為 100Nm。額定功率為 250W，峰值功率為 750W。獨特的外觀設計增強了車架設計的靈活性。

Hall 2 / 4F / R0624



SKS GERMANY CLIK TEC 打氣頭



使用橡膠包覆的 Clik Tec 打氣頭，讓充氣變得輕而易舉。它可以輕鬆用兩根手指安全地固定在 Schwalbe Clik 氣閥上。現在，拔掉氣閥時的壓力損失以及自行車打氣頭的磨損都已經成為過去式。與法式氣閥相比，流量提高了 50%，這意味著安裝無內胎輪胎不再是一個問題。所有落地式的打氣筒頭都可以更換。

Hall 1 / 4F / L0312

Hafny

NEW!

DUAL-VIEW MIRROR



360° Rotatable



Fit 21-26mm diameter of handlebar

Wide Range Fitting



Super Convex Glass Mirror

More Visible Area



www.hafny.com.tw

info@hafny.com.tw

(HF-M908LS-FR09)

Hall 1 I1323a

WORLD'S TOP CYCLE SHOWS... 1 ADVERTISING PACKAGE



Book an advertising package for the *Eurobike*, *Taipei Cycle* and *Taichung Bike Week* Show Dailies together and avail of discounts.

For details, see www.showdaily.net

ADVERTISING INDEX

A-Forge Enterprise	28-29	Jetset	23
A-Pro Tech Co. Ltd.	17	Jiashan Shengguang	31
By,schulz	21	Kind Shock	33
Conductor	15	Messingschlagler GmbH & Co. KG	11
Dahon	9	Miranda	2
Delta Electronics	5	Neco Technology Industry Co. Ltd.	52
Eurobike	8	Powerway	39
FPD	25	SKS Metaplast Scheffer-Klute GmbH	35
FSA	6	V-Grip/Chen Whua International	11
Glory Wheel	7	Velo Enterprise Co. Ltd.	13
Hafny	51	VP Components	3
Holland Mechanics	7	Wellgo Pedal's Corp.	19
JD Components	33		

TAIPEI CYCLE SHOW DAILY Credits & Contact Info

PUBLISHED BY
Tom Kavanagh
KB Media Ltd.
D16A275, Ireland
www.showdaily.net
tom@showdaily.net

EDITOR
Nicole Formosa
SENIOR EDITOR
Laurens van Rooijen
LvR@cyclinfo.ch

WRITING TEAM
David Atkinson
Tom Kavanagh
Werner Mueller-Schell
Glenn Reeves
Laurens van Rooijen
Barbara Smit
Marek Wawrzyniek

ART DIRECTOR
Ruth Gunning

TAIWAN LIAISON
Greg Chang

ADVERTISING SALES
www.showdaily.net

WORLDWIDE:
Tom Kavanagh
tom@showdaily.net

TAIWAN:
Sabina Den
sabina@showdaily.net

Organizer:
TAITRA

TAITRA LIAISON
Daniel Chen

PRINTED BY
Chuen Fung
群鋒企業
Taipei, Taiwan

© 2025 K.B. Media Ltd. All rights reserved.

No part of this publication may be reproduced without specific written permission from the publisher. We check. Neither the publishers nor writers can be held responsible for damage of any kind that may arise as a result of the content herein. Views expressed herein have not been approved by TAITRA and should not be construed as representing the opinions or policies of TAITRA.

The word "necoo" in a large, bold, yellow, stylized font with a thick outline. The letters are rounded and interconnected. The background features a grey silhouette of a bicycle frame and wheel, with yellow and white concentric lines radiating from behind the text.

Booth No. Hall 1- K1115



MM18



MM20MAX



MM68



H335



M58CD



M30CD-T



M10