BMW GROUP



Media Information 3rd September 2021

New micromobility concepts for increased sustainability in urban traffic: BMW Group grants licenses to partner companies CUBE and SoFlow.

CUBE Concept Dynamic Cargo inspired by BMW and SoFlow Concept CLEVER COMMUTE inspired by BMW.

- Licenses officially granted by the BMW Group to the partner companies
 CUBE and SoFlow at the IAA Mobility 2021 in Munich.
- CUBE Concept Dynamic Cargo inspired by BMW: a state-of-the-art, compact cargo bike concept with great agility and flexible usage options.
- SoFlow Concept CLEVER COMMUTE inspired by BMW: an e-scooter with excellent riding stability, taking up the smallest possible amount of space.
- Media representatives will have the opportunity to take prototypes of the CUBE Concept Dynamic Cargo inspired by BMW for a test ride.

Munich. BMW Group is providing fresh impetus with two innovative micromobility concepts for emission-free urban mobility, intelligently rethought for increased sustainability in urban traffic. These concepts are being implemented in collaboration with partner companies CUBE and SoFlow. Official communication of the licenses granted by the BMW Group to the two partners will be made during Internationale Automobil-Ausstellung (IAA) Mobility 2021, which takes place from 7th to 12th September in Munich.

The CUBE Concept Dynamic Cargo inspired by BMW is a compact, three-wheeled cargo bike concept that combines high agility with flexible usage options and increased year-round suitability. It also boasts a variable-use loading platform with innovative attachments for transporting loads and/or children as well as for leisure activities.

The SoFlow Concept CLEVER COMMUTE inspired by BMW features an ergonomic design suitable for everyday use, excellent riding stability and extremely compact size when packed up. It provides a new mixed-mobility option; the innovative 'public transport mode' makes it easy to incorporate travel on public transport into longer journeys. Ideal for park & ride, the minimal size when packed makes it ideal for carrying in the car boot.

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In its role as a premium provider for individual mobility, BMW Group is actively helping to create the liveable city of the future. Its approach to mobility also looks beyond









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the company's core business. The BMW Group has presented a number of innovative micromobility solutions to the public in the past.

The CUBE Concept Dynamic Cargo inspired by BMW: the ideal combination of cycling pleasure, agility and safety.

The CUBE Concept Dynamic Cargo inspired by BMW is the first dynamic 'pick-up' cargo bike concept. The key component of the three-wheeled vehicle is the front main frame, which is connected to the rear section via a pivot axle and tilts in corners. It remains stable through all corners without tilting towards the road. This combines with the electrified powertrain – which is activated as soon as the rider starts to pedal and drives the two rear wheels – making the cargo bike just as easy to ride as a standard bicycle. As well as producing far greater riding stability in all weather conditions compared to two-wheeler designs, the rear wheels with their rigid, non-pivoting axle mounting also provide the basis for a versatile, pick-up-style transport platform. This can be fitted with a selection of innovative modular attachments for carrying luggage and/or children. The modular design principle paves the way for many more use cases, too. The non-pivoting design of the transport platform has the additional benefit that the rider is barely aware of any extra weight being carried, enabling safe, stable transportation of all loads.

Andreas Foti, CUBE CEO:

"The mobility of the future is one of the key challenges of our time. The e-bike is one of just a few potential solutions to have established themselves. We want to be actively involved in designing and implementing new mobility solutions. Inspired by the idea from BMW, we have put all our know-how into the development of a cargo bike that is suitable for series production. We have created an ultra-compact, agile and safe trike that can be used and enjoyed by anyone. The electrical support enables flexible usage, even outside urban spaces, while the compact design is light and easy to manoeuvre. The flexible transport options also make it possible to transport almost anything."









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The SoFlow Concept CLEVER COMMUTE inspired by BMW: flexible e-scooter for multimodal mobility.

With the SoFlow Concept CLEVER COMMUTE inspired by BMW, the BMW Group is now presenting an e-scooter concept that folds easily for carrying on public transport and/or by car without compromising riding stability in any way.

In 'public transport mode', the footboard folds up at the sides and the rear wheel pivots into the resulting aperture from below. This mechanism shortens the wheelbase of the e-scooter substantially so that it can even be carried on an escalator without difficulty. This is an important requirement if the journey includes underground transport routes.

It can also be rolled along on both wheels in this mode, rather like a trolley case. And the front wheel's integral hub motor provides an electric impulse that makes it easier to push the SoFlow Concept CLEVER COMMUTE inspired by BMW up ramps in this mode. The compact dimensions of the e-scooter when folded up means that it should be possible to take it on all forms of public transport free of charge.

The SoFlow Concept CLEVER COMMUTE inspired by BMW can be folded up to a size that fits easily into small vehicle boots, with larger boots able to accommodate several of them for family outings. In the BMW Group range, this means that the SoFlow Concept CLEVER COMMUTE inspired by BMW fits into luggage compartments lengthways from the 3 Series upwards, for example, without any need to fold down the rear backrest, and it can be carried crossways in MINI boots.

With its unique product characteristics, the SoFlow Concept CLEVER COMMUTE inspired by BMW is a versatile companion in the city and allows any journey to be completed quickly, safely and easily. Its transformability makes it a truly ideal solution for multimodal travel.

Manuel Hug, Co-founder and CEO of SoFlow AG:

"The renewed collaboration with the BMW Group represents an outstanding chapter in the SoFlow success story, as we have already received the license to use the BMW 'Personal Mover' concept. Now we can bring our expertise to bear for the latest development in the area of micro e-mobility vehicles, the SoFlow Concept







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CLEVER COMMUTE inspired by BMW. We are looking forward to getting this innovative concept on the road soon."

Jochen Karg, Head of Vehicle Concepts in the BMW Group's New Technologies and China division: "In its role as a premium provider for individual mobility, the BMW Group is actively helping to create the liveable city of the future. With regard to the steady increase in traffic density in city centres, concepts for micromobility vehicle can make a significant contribution to improving the interconnectedness of urban mobility. That is why we are deliberately looking beyond our company's core business. The BMW Group has already presented innovative micromobility solutions to the public in the past, including the BMW Motorrad X2City, the Personal Mover Concept and the BMW Vision E³ Way elevated road concept. With the Concept Dynamic Cargo and the Concept CLEVER COMMUTE, our engineers are once again demonstrating their ability to transfer know-how from the automotive sector to concepts for micromobility vehicles. With regard to vehicles/concepts outside of our core business, granting licenses to partners from the relevant industry to drive implementation has thus far proved to be most efficient and an attractive option for both parties. We are therefore delighted to have concluded contracts with CUBE and SoFlow."

Both concepts will be presented in a functional state during IAA Mobility 2021, which is taking place at the company's home city of Munich for the first time. Visitors will be able to see the CUBE Concept Dynamic Cargo inspired by BMW being driven along the streetscape and it will also be presented at various BMW IAA locations:

- At the BMW Group 'Summit' stand at the Munich exhibition centre.
- In the heart of the city, in the BMW 'Open Space' at the Bavarian State Opera House, Max-Joseph-Platz.
- In and around BMW Welt.

Testing opportunities for media representatives.

On 7th September, media representatives will have the exclusive opportunity to take the CUBE Concept Dynamic Cargo inspired by BMW for an active test ride and receive more information. The vehicles will be issued at







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the BMW Welt Double Cone (Am Olympiapark 1, Munich), between 08:30 and 18:00. No advance registration is required.

In addition to this exclusive media event, it will also be possible for media representatives to test the CUBE Concept Dynamic Cargo inspired by BMW during the rest of the exhibition week. This is possible from Tuesday 7th September to Sunday 12th September at BMW Welt, and also at the BMW 'Open Space' at Max-Joseph-Platz. Please register directly with CUBE staff at those locations.

In case of queries, please contact:

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CUBE Bikes

CUBE was founded in 1993 by Marcus Pürner in Waldershof, in the Fichtel Mountains of Germany, and remains an owner-operated company to this day. CUBE has stayed loyal to its original location, keeping pace with continuous growth in more than 60 countries by adding over 1000 members of staff to become an important regional employer.

From getting the pedals moving on the way to work in the morning, to a smile peeping out from beneath the helmet on the way home, or the beads of sweat during competition: we make bikes that embody pure cycling pleasure and allow us to look beyond the horizon - and we love riding them too. We are convinced that bicycles can provide a solution to some of the world's more complex problems – from environmentally-friendly traffic to more flexible, safer mobility for all – and our portfolio now boasts over 350 models.









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New ideas keep the world moving, so we never stop working on ourselves and on developing the perfect bike. Driven by the aspiration to get the maximum out of every bike, our development team is constantly investigating how to improve materials and constructions and optimise production processes. Smart innovations, ingenious technology, optimal material composition, combined with creative applications that suit the intended purpose – we put our heart, soul and know-how into every bike. Aero-optimised bikes for the Tour de France, gravity bikes for the DH-Worldcup, light bikes for young riders, everyday bikes, touring bikes or new mobility solutions for urban spaces, we focus on all types of mobility on two wheels. Alongside virtually all product types in the e-bike and bike areas, we also offer a comprehensive collection of apparel and accessories.

SoFlow

SoFlow AG was founded in Switzerland in 2015, to provide mobility solutions for the 'last mile'. The company designs, develops and produces high-quality, innovative micro e-mobility vehicles such as e-scooters and e-boards for a range of applications. SoFlow has the vision of making e-mobility products accessible to all, providing everyone with the opportunity to choose a means of transportation that matches their lifestyle and allows them to get from A to B. They can contribute to protecting the environment with emission-free vehicles at the same time.

The BMW Group

With its four brands BMW, MINI, Rolls-Royce and BMW Motorrad, the BMW Group is the world's leading premium manufacturer of automobiles and motorcycles and also provides premium financial and mobility services. The BMW Group production network comprises 31 production and assembly facilities in 15 countries; the company has a global sales network in more than 140 countries.







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In 2020, the BMW Group sold over 2.3 million passenger vehicles and more than 169,000 motorcycles worldwide. The profit before tax in the financial year 2020 was \in 5.222 billion on revenues amounting to \in 98.990 billion. As of 31 December 2020, the BMW Group had a workforce of 120,726 employees.

The success of the BMW Group has always been based on long-term thinking and responsible action. The company set the course for the future at an early stage and consistently makes sustainability and efficient resource management central to its strategic direction, from the supply chain through production to the end of the use phase of all products.

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