



## CES 2022 Fact Sheet

At Consumers Electronics Show (CES) 2022, Stellantis will display the many advanced technologies our teams are working on that will power the Company and its 14 brands to lead the way the world moves. The Stellantis booth and the virtual show will feature a global selection of production vehicles and concepts under the Stellantis umbrella, covering a wide range of cockpit technology and propulsion systems, including:

- **Chrysler Airflow concept** - More details will be provided on Jan. 5, 2022.
- **Citroën Skate** - By separating the platform from the mobility services, this concept maximizes the use of autonomous technology while expanding service offerings. The Citroën Skate can move passenger Pods on demand using a dedicated track, while offering unrivalled comfort via Citroën's century-old design expertise.

Fully electric and fully autonomous, featuring wireless induction charging and riding on dedicated lanes. The Citroën Skate is small and agile with a compact footprint, perfectly suited to city centres.

With a design incorporating all the very latest technology within the structure, Citroën wants to provide a smoother and peaceful journey by reinventing the on-board experience. Our vision of shared autonomous mobility would enhance the serenity for our customers, while making the experience affordable and sustainable with a better usage of resources.

- **Citroën Ami** - Citroën has delivered an all-electric mobility for all with Ami, an ultra-compact and agile urban mobility solution

accessible from the age of 14 (in France). Ami brings major advantages that go beyond the automotive context, designing a new customer experience including a fully online journey from configuration to buying, innovative distribution methods and home delivery.

Compact and agile with a very small footprint, only 2m41 length, Ami is easy to drive, park and can access to all low emission areas in cities. The speed is limited to 45 kph, the battery offers 70 km of range and the recharge takes only 3 hours on standard socket. Comfortable and safe with 2 seats, side by side, a closed and heated interior that offers protection from the outside. Ami is customizable at leisure with a large set of accessories and stickers playing with the original style and the symmetry of the body.

- **DS Formula E** - The DS E-TENSE FE21 races in the ABB FIA Formula E World Championship. The 1,984-pound racecar (with driver), is equipped with a 900-volt system that includes a 52 kWh battery, powering a 338 horsepower electric motor. The lightweight design combined with electric torque drives the car from 0-60 mph in ~2.8 seconds. At racing pace, the DS E-TENSE FE21 can operate up to 60 miles under electric power. The new black and gold livery, penned by the DS Automobiles DS DESIGN STUDIO PARIS, is driven by Jean-Eric Vergne – the winner of two drivers' titles in 2018 and 2019 – as well as by the 2020 champion António Félix da Costa. Following two double titles (for drivers and teams) in the 2018/2019 and 2019/2020 ABB FIA Formula E seasons, DS Automobiles and TECHEETAH are continuing their partnership in Season 8 with the objective to win a third double title.

For DS Automobiles, Formula E is a way for accelerating research and development. Technology transfer, especially through computer simulation and software intelligence of electrified traction chains used by DS PERFORMANCE in competition, allows to go faster and further in the acquisition of knowledge for DS 100% electrified lineup. For DS Automobiles, electric racing is the road to innovation.

- **Fiat New 500** - New 500 is a true milestone in the FIAT electrification process: the most iconic and popular FIAT model became totally new, fully electric and only electric. Around the world, 500 is the epitome of the Italian car: beautiful, a classic design, a work of art, an inspiration. In one word: an icon.

The new small FIAT EV broken down the ‘conventional’ barriers to electric: range (up to 320Kms WLTP, increasing to 460 km in the urban cycle alone), charging times (Fastcharge 85Kw as standard) and complexity of use (Tech it easy). New 500 is the first city car with Assisted Driving Level 2 besides being available with 3 different bodies: hatchback, cabrio and 3+1

The **New 500 3+1** is the first “versatile” 500. It features a unique “magic door” which allows easy entrance of passengers and everything you may need on the rear seats.

The **New (500)RED** is “Made for the Planet, Made for its People” and has a clear mission to protect the environment and people: it’s electric, it respects the environment and it makes a contribution to a more sustainable future. That mission is now going even further with (RED) on board.

New 500 is entirely developed, engineered and produced in Turin, Italy where the 500 was born and is the best-selling BEV in the company.

- **Wagoneer** - Wagoneer and Grand Wagoneer are the premium extension of the Jeep® brand. The Wagoneer marks the rebirth of a premium American icon, and competes in the heart of the large SUV segment. The all-new Wagoneer offers legendary capability, exceptional driving dynamics, powerful performance, advanced technology and safety and a new level of comfort for up to eight passengers – all wrapped in a sophisticated and authentic new design. The Wagoneer can tow up to best-in-class 10,000 pounds and offers available night vision with pedestrian and animal detection, configurable 10-inch full-color head-up display (HUD) and industry-first McIntosh audio system.
- **Grand Wagoneer** -The 2022 Grand Wagoneer competes in the premium large SUV segment, offering the pinnacle of spacious SUV interiors, with elegant American style, meticulously crafted finishes, high-tech features, including segment-exclusive Fire TV built in and a front passenger screen experience, as well as seating for up to eight passengers. The Grand Wagoneer also is demonstrating the company’s new Emergency Vehicle Alert System (EVAS), visually and audibly notifying drivers of approaching emergency vehicles.

- **Jeep® Wrangler 4xe** - The Jeep Wrangler 4xe is the most capable, technically advanced and eco-friendly Wrangler ever. Available in Europe, China and the United States, the Wrangler 4xe's plug-in hybrid powertrain delivers 49 MPGe and is capable of up to 21 miles of nearly silent, zero-emission, electric-only propulsion via its 375-horsepower, 470-lb.-ft. of torque plug-in-hybrid powertrain, making it commuter friendly as an all-electric daily driver without range anxiety and the most capable and eco-friendly Jeep vehicle off-road – combined with the open-air freedom that only Jeep Wrangler offers.
- **Jeep Grand Cherokee 4xe** - The all-new 2022 Grand Cherokee 4xe is the first Grand Cherokee to offer a PHEV variant and is the next step in pursuit of the brand's global vision of accomplishing 'Zero Emission Freedom,' by offering a fully electric Jeep vehicle in every SUV segment by 2025. The 4xe PHEV technology enhances the fun, freedom and adventure the Jeep brand is known for, while providing unprecedented performance, fuel economy and environmental friendliness: The Grand Cherokee 4xe targets an estimated 25 miles (40 km) of all-electric range and 57 MPGe, with 375 hp and 470 lb.-ft. of torque.
- **Jeep Magneto** - This stealthy, quiet, quick and zero-emission rock-climbing concept uses an axial flux electric motor that operates up to 6,000 rpm. The e-motor is connected to a six-speed manual transmission, creating a unique manual-electric powertrain with a clutch that operates as it would with an internal combustion engine. Tuned to deliver up to 273 lb.-ft. of torque and 285 horsepower, the e-motor delivers all the torque without the need to build up traditional engine rpm. Magneto accelerates from 0-60 mph in 6.8 seconds powered by a 70 kW/h, 800-volt four-battery system. The lithium-ion batteries are distributed so they balance weight on the four wheels to maximize traction for better off-road capability and handling dynamics.

## Business Plans

In July, Stellantis announced plans to invest over €30 billion in electrification and software through 2025 to bring breakthrough technologies and customer-centric solutions to drive the future of our 14 iconic brands. The Stellantis software strategy works hand-in-hand with the Company's vehicle electrification plans, which targets that more than 70 percent of its vehicle sales in Europe and more than 40

percent of vehicle sales in the United States will be low emission vehicles (LEV) by 2030. Each of the Company's 14 iconic brands is committed to offering best-in-class fully electrified solutions.

The strategy includes working side-by-side with the world's leading technology companies. To support responsible electric battery developments Stellantis signed the following partnership deals in 2021:

- **Automotive Cells Company (ACC)** raised its capacity plan to at least 120 GWh by 2030 to create a European battery champion for electric vehicles after Mercedes-Benz joined Stellantis and TotalEnergies as an equal partner.
- **Factorial** joint development agreement to advance Factorial's high-voltage traction solid-state battery technology. Stellantis targets having the first competitive solid state battery technology introduced by 2026.
- **LG** to form a joint venture to produce battery cells and modules for North America. Targeted to start by the first quarter of 2024, the plant aims to have an annual production capacity of 40 gigawatt hours.
- **Samsung** to form a joint venture to produce battery cells and modules for North America. Targeted to start in 2025, the plant aims to have an initial annual production capacity of 23 gigawatt hours, with the ability to increase up to 40 gigawatt hours.
- **Vulcan** to supply battery grade lithium hydroxide in Europe for use in electrified vehicles. Vulcan's Zero Carbon Lithium™ Project in the Upper Rhine Valley in Germany uses geothermal energy to produce battery-quality lithium hydroxide from brine without the use of fossil fuels and minimal water usage, reducing the generation of carbon in the battery metals supply chain.

To support advanced infotainment, automated driving efforts and accelerate innovation, Stellantis has partnerships with:

- **Mobile Drive (Foxconn)** to support STLA SmartCockpit's breakthrough digital cockpits and personalized connected services to in-vehicle user experiences. STLA SmartCockpit will seamlessly integrate with the digital lives of vehicle occupants to create a customizable third living space.

- **BMW** to continue co-developing for up to Level 3 automated driving to power STLA AutoDrive.
- **Waymo** for the development of Level 4 and Level 4+ equipped vehicles. As Chrysler Pacifica Hybrids equipped with the Waymo Driver provide thousands of fully autonomous rides in Phoenix, Arizona (USA), Stellantis and Waymo have now expanded their partnership to local delivery services. Building on Stellantis' leadership in light commercial vehicles and investment in electrification, the partners are collaborating on work streams focused on commercial development. Engineering teams will get their hands on Stellantis prototypes in 2022.
- **Foxconn** to design and sell cutting-edge semiconductor technology for Stellantis' all-new STLA Brain architecture. Adoption and installation into Stellantis vehicles is targeted by 2024, helping drive stability and complexity reduction in the supply chain.

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