UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 OF THE SECURITIES EXCHANGE ACT OF 1934

For the month of September 2021 Commission File No. 001-36675

STELLANTIS N.V.

(Translation of Registrant's Name Into English)

Singaporestraat 92-100 1175 RA Lijnden The Netherlands Tel. No.: +31 20 3421 707 (Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F x Form 40-F o

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule101(b)(1): o
Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule101(b)(7): o

The following exhibit is furnished herewith:

Exhibit 99.1 Press release issued by Stellantis N.V. dated September 24, 2021.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: September 24, 2021 STELLANTIS N.V.

By: /s/ Richard K. Palmer

Name: Richard K. Palmer Title: Chief Financial Officer

Index of Exhibits

Description of Exhibit

Press release issued by Stellantis N.V. dated September 24, 2021.

Stellantis and TotalEnergies welcome Mercedes-Benz as a new partner of Automotive Cells Company (ACC) and raise its capacity plan to at least 120 GWh by 2030

- Mercedes-Benz becomes an equal shareholder of ACC along with Stellantis and TotalEnergies, each with 1/3 equity stake
- Mercedes-Benz to provide technology and production know-how to Automotive Cells Company (ACC).
- The partners will accelerate ACC's development with an objective of at least 120 GWh of cell capacity by 2030

Paris, 24 September 2021 – Stellantis, TotalEnergies and Mercedes-Benz have entered into agreements to welcome Mercedes-Benz as a new partner of Automotive Cells Company (ACC). Following its entry, the partners commit to increase ACC's industrial capacity to at least 120 GWh by 2030. The transaction is subject to agreement on definitive documentation and customary closing conditions, including regulatory approvals.

ACC results from the initiative taken in 2020 by Stellantis and TotalEnergies and supported by the French, German and European authorities, to create a European battery champion for electric vehicles. The entry of Mercedes-Benz in ACC is a clear demonstration of the industrial progress and of the merits of the project, which it will strengthen.

ACC's objective is to develop and produce battery cells and modules for electric vehicles with a focus on safety, performance and competitiveness, while ensuring the highest level of quality and the lowest carbon footprint. The updated ACC capacity plan will mobilize an investment of more than seven billion euros, which will be supported by subsidies and financed by equity and debt. The creation of this European battery champion will support Europe to address the challenges of the energy transition in mobility, ensure its security of supply of a key component for the electric car industry.

ACC will be supported by a winning trio of partners that combine:

- A deep technological expertise in battery development with Saft, an affiliate of TotalEnergies, which has more than 100 years of experience in the field of long-life batteries and battery systems.
- A leading global mobility player with Stellantis that has a clear mission to provide cutting-edge technology to ensure freedom of movement for all through distinctive, appealing, affordable and sustainable mobility solutions.
- The research and development expertise of Mercedes-Benz, along with its support to the expansion of ACC's production facilities based on the brand's benchmark quality standards.

"To have Mercedes-Benz join us as a new shareholder is a major milestone for ACC," **says Yann Vincent, CEO of ACC**. "Mercedes-Benz will bring a vote of confidence in our technology roadmap and product competitiveness that significantly strengthens ACC's business potential and underpins our ambitious growth plans. This is our contribution to an electric and sustainable future."

"Mercedes-Benz pursues a very ambitious transformation plan and this investment marks a strategic milestone on our path to CO2 neutrality. Together with ACC, we will develop and efficiently produce battery cells and modules in Europe – tailor-made to the specific Mercedes-Benz requirements," says Ola Källenius, CEO of Daimler AG and Mercedes-Benz AG. "This new partnership allows us to secure supply, to take advantage of economies of scale, and to provide our customers with superior battery technology. On top of that, we can help to ensure that Europe remains at the heart of the auto industry – even in an electric era. With Mercedes-Benz as a new partner, ACC aims to more than double capacity at

its European sites to support Europe's industrial competitiveness in the design and manufacturing of battery cells."

"We welcome Mercedes-Benz as a strategic partner who shares our ambition to accelerate ACC's leadership," **said Stellantis CEO Carlos Tavares**. "Stellantis' electrification strategy is running full-speed ahead, and today's announcement is the next step in our plan to be the automotive frontrunner, with all 14 brands committed to offering best-in-class fully electrified solutions that meet demands of customers. This consortium leverages our shared technical expertise and manufacturing synergies, and continues to ensure that Stellantis leads the way the world moves in the most efficient, affordable and sustainable way."

"We are delighted to welcome Mercedes-Benz as a new partner of ACC. This demonstrates the credibility of our initiative taken a year ago with Stellantis and will clearly support our ambition to create a European battery champion. Together, we are bringing all our skills to contribute to the sustainable development of mobility. This new step is another demonstration of TotalEnergies transformation into a broad energy company and of our willingness to extend our footprint in electric mobility. TotalEnergies will draw on the recognized expertise of its subsidiary Saft in batteries and on the industrial know-how of our partners to meet the strong growth of electric vehicles in Europe", said Patrick Pouyanné, TotalEnergies' Chairman and CEO.

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About ACC

Automotive Cells Company (ACC) was founded in August 2020 and to date combines the expertise of three major companies with complementary skills and experience. ACC's ambition is to become the European market leader for car batteries that allow clean and efficient mobility for all. The R&D Center and testing facilities in Nouvelle-Aquitaine are just the beginning.

About Mercedes-Benz Mercedes-Benz AG is responsible for the global business of Mercedes-Benz Cars and Mercedes-Benz Vans, with over 170,000 employees worldwide. The company focuses on the development, production and sales of passenger cars, vans and vehicle-related services. Furthermore, the company aspires to be the leader in the fields of electric mobility and vehicle software. Mercedes-Benz AG is one of the world's largest manufacturers of luxury passenger cars. In its two business segments, Mercedes-Benz AG is continually expanding its worldwide production network with around 35 production sites on four continents, while gearing itself to meet the requirements of electric mobility. At the same time, the company is constructing and extending its global battery production network on three continents.

About Saft

Saft specializes in advanced technology battery solutions for industry, from the design and development to the production, customization and service provision. For more than 100 years, Saft's longer-lasting batteries and systems have provided critical safety applications, back-up power and propulsion for our customers. Our innovative, safe and reliable technology delivers high performance on land, at sea, in the air and in space. Saft is powering industry and smarter cities, while providing critical back-up functionality in remote and harsh environments from the Arctic Circle to the Sahara Desert. Saft is a wholly owned subsidiary of TotalEnergies, a broad energy group that produces and markets fuels, natural gas and electricity.

We energize the world. www.saftbatteries.com

About Stellantis

Stellantis is one of the world's leading automakers and a mobility provider, guided by a clear vision: to offer freedom of movement with distinctive, affordable and reliable mobility solutions. In addition to the Group's rich heritage and broad geographic presence, its greatest strengths lie in its sustainable performance, depth of experience and the wide-ranging talents of employees working around the globe. Stellantis will leverage its broad and iconic brand portfolio, which was founded by visionaries who infused the marques with passion and a competitive spirit that speaks to employees and customers alike. Stellantis aspires to become the greatest, not the biggest, while creating added value for all stakeholders, as well as the communities in which it operates.

About TotalEnergies

TotalEnergies is a broad energy company that produces and markets energies on a global scale: oil and biofuels, natural gas and green gases, renewables and electricity. Our 105,000 employees are committed to energy that is ever more affordable, clean, reliable and accessible to as many people as possible. Active in more than 130 countries, TotalEnergies puts sustainable development in all its dimensions at the heart of its projects and operations to contribute to the well-being of people.

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Cautionary Note

This press release, from which no legal consequences may be drawn, is for information purposes only. This document may contain forward-looking information and statements that are based on a number of economic data and assumptions made in a given economic, competitive and regulatory environment. They may prove to be inaccurate in the future and are subject to a number of risk factors. Neither TotalEnergies SE, nor Stellantis or Mercedes-Benz AG, nor any of their respective subsidiaries assumes any obligation to update publicly any forward-looking information or statement, objectives or trends contained in this document whether as a result of new information, future events or otherwise, since such forward-looking information, statements, objectives or trends are based solely on the circumstances at the date of publication.

Stellantis N.V. Forward-Looking Statements

This communication contains forward-looking statements. In particular, statements regarding future events and anticipated results of operations, business strategies, the anticipated benefits of the proposed transaction, future financial and operating results, the anticipated closing date for the proposed transaction

and other anticipated aspects of our operations or operating results are forward-looking statements. These statements may include terms such as "may", "will", "expect", "could", "should", "intend", "estimate", "anticipate", "believe", "remain", "on track", "design", "target", "objective", "goal", "forecast", "projection", "outlook", "prospects", "plan", or similar terms. Forward-looking statements are not guarantees of future performance. Rather, they are based on Stellantis' current state of knowledge, future expectations and projections about future events and are by their nature, subject to inherent risks and uncertainties. They relate to events and depend on circumstances that may or may not occur or exist in the future and, as such, undue reliance should not be placed on them.

Actual results may differ materially from those expressed in forward-looking statements as a result of a variety of factors, including: uncertainties as to whether the proposed transaction discussed in this document will be consummated or as to the timing thereof; the satisfaction of the conditions precedent to consummation of the proposed transaction, including the ability to secure regulatory approvals on the terms expected, at all or in a timely manner; the risk that the businesses of the parties will be adversely impacted during the pendency of the proposed transaction; the ability of Stellantis to successfully integrate the Company's operations; business disruption following the transaction; the effect of the announcement of the transaction on the ability of the Company to retain and hire key personnel and maintain relationships with customers, suppliers and others with whom the Company does business; the impact of the COVID-19 pandemic, the ability of Stellantis to launch new products successfully and to maintain vehicle shipment volumes; changes in the global financial markets, general economic environment and changes in demand for automotive products, which is subject to cyclicality; changes in local economic and political conditions, changes in trade policy and the imposition of global and regional tariffs or tariffs targeted to the automotive industry, the enactment of tax reforms or other changes in tax laws and regulations; Stellantis' ability to expand certain of their brands globally; its ability to offer innovative, attractive products; its ability to develop, manufacture and sell vehicles with advanced features including enhanced electrification, connectivity and autonomous-driving characteristics; various types of claims, lawsuits, governmental investigations and other contingencies, including product liability and warranty claims and environmental claims, investigations and lawsuits; material operating expenditures in relation to compliance with environmental, health and safety regulations; the intense level of competition in the automotive industry, which may increase due to consolidation; exposure to shortfalls in the funding of Stellantis' defined benefit pension plans; the ability to provide or arrange for access to adequate financing for dealers and retail customers and associated risks related to the establishment and operations of financial services companies; the ability to access funding to execute Stellantis' business plans and improve its businesses, financial condition and results of operations; a significant malfunction, disruption or security breach compromising information technology systems or the electronic control systems contained in Stellantis' vehicles; Stellantis' ability to realize anticipated benefits from joint venture arrangements; disruptions arising from political, social and economic instability; risks associated with our relationships with employees, dealers and suppliers; increases in costs, disruptions of supply or shortages of raw materials, parts, components and systems used in Stellantis' vehicles; developments in labor and industrial relations and developments in applicable labor laws; exchange rate fluctuations, interest rate changes, credit risk and other market risks; political and civil unrest; earthquakes or other disasters; and other risks and uncertainties.

Any forward-looking statements contained in this communication speak only as of the date of this document and Stellantis disclaims any obligation to update or revise publicly forward-looking statements. Further information concerning Stellantis and its businesses, including factors that could materially affect Stellantis' financial results, is included in Stellantis' reports and filings with the U.S. Securities and Exchange Commission, AFM, and CONSOB.