

The changing face of DuPont

Abdul Davids - Portfolio Manager

The DuPont business dates back to 1801, when French chemist Eleuthère Irénée du Pont de Nemours started his first gunpowder mill in Wilmington, Delaware. E.I. du Pont de Nemours and Co was incorporated in April of the same year, with an initial capital base of \$36 000.

Through its history of scientific and technological breakthroughs since the 1800s, DuPont is now best known for its Kevlar bulletproof vests that are more than capable of protecting the wearer against the gunpowder produced by its founder in 1804.

The changing face of DuPont

We investigate DuPont’s 200-year business journey, shaped by reinvention through a plethora of acquisitions and disposals, while remaining rooted in innovation.

Significant transformation

DuPont embarked on its most significant transformative phase in 2017, announcing a merger with Dow Chemicals. Both companies had similar market values at the time and the ‘merger of equals’ created a diversified industrial and chemicals business with a \$120 billion market capitalisation - DowDuPont. The intention was to amalgamate Dow Chemicals’ crop protection business with DuPont’s seed business to create a massive-scale, specialist agriculture-focused business. This was later renamed Corteva Agriscience and subsequently demerged into a separate company that listed on the New York Stock Exchange in May 2019.

The *chart below* timelines DuPont’s recent mergers, acquisitions and disposals, including the demerger of Dow Chemicals and Corteva on 1 July 2019. Thereafter, DuPont transferred its commodity chemicals businesses to Dow, divested its agricultural chemicals and seed businesses to Corteva and sold its nutrition and bioscience products business to International Flavours and Fragrances (IFF). The portfolio transformation was

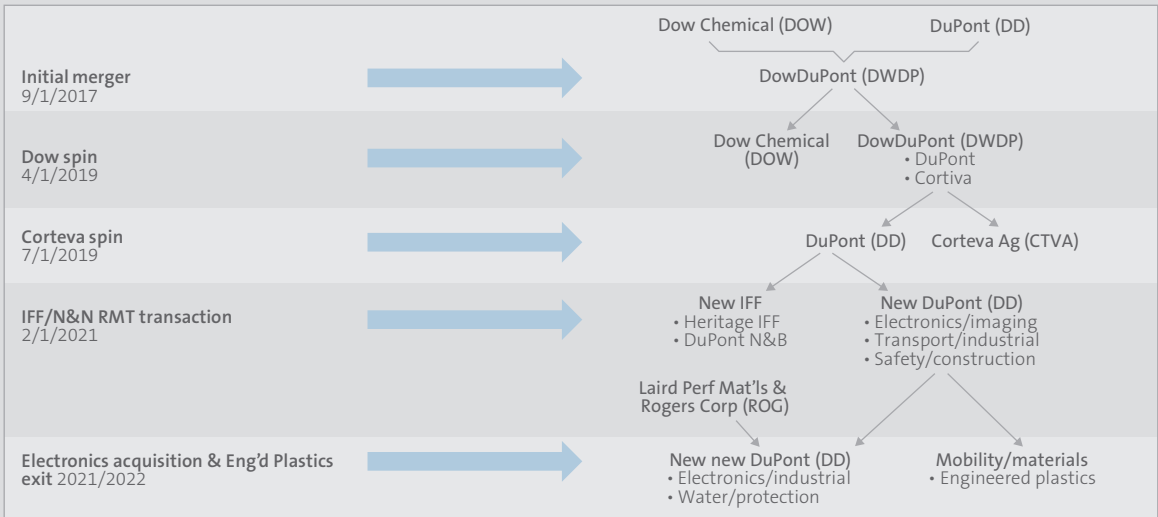
largely concluded with the cash sale of its mobility and materials business to Celanese Corporation for \$11 billion in November 2022.

During this time, an intended acquisition of Rogers Corporation (specialist manufacturer of materials such as elastomers, high frequency circuit materials and components for applications in the communications and transportation markets) was terminated after Du Pont failed to obtain Chinese regulatory approval for the \$5.2 billion transaction. Given that China is Rogers Corporation’s biggest sales market, this was a significant blow. DuPont then announced a substantial share buy-back program as a means of returning value to shareholders.

The combined market value of the Dow, DuPont and Corteva businesses since May 2019 is evident in the *left chart on the next page* - ending in line with the initial market value. There has, however, been substantial underperformance of DuPont relative to its sister companies, Dow and Corteva, since the demerger in June 2019 (*right chart next page*). DuPont has devalued by more than 50% over the period, which is in stark contrast to Corteva, that has more than doubled in market value over the same period.

Dow Chemicals remained largely flat, with a 4% loss in value, outperforming Du Pont by almost 50%.

DuPont portfolio actions



DuPont's earnings and market value were severely impacted by the pandemic and concomitant global lockdowns in 2020 and 2021. The legacy mobility and materials division suffered disproportionately, with steep revenue declines as global car manufacturing ground to a halt. The negative earnings impact on DuPont resulted in a substantial loss in market value and is the main cause of the underperformance. Extensive recovery in the mobility and material division's profitability in 2021 - albeit to lower levels than the pre-pandemic era - enabled DuPont to sell the business at a substantial premium to our assessment of its intrinsic value.

Finding value through greater agility and clear focus

DuPont is currently focussed on two key segments: 'Electronics and Industrial' and 'Water and Protection'. Within this, there are five underlying divisions (*tabled on following page*) that include a range of businesses, such as producers of smart semiconductors and advanced safety systems for electric vehicles, and water desalination and purification businesses. DuPont believes that these divisions are uniquely positioned to show strong organic growth as demand for their products and services are expected to accelerate with climate change mitigation efforts gathering pace worldwide.

The business has a long history of involvement in sustainability practices and social responsibility, implementing several initiatives to reduce its environmental impact and contribute to the wellbeing of communities around the world. These initiatives include: the divestment of businesses that produce harmful chemicals like PFAS¹ (also known as forever chemicals), an increasing use of renewable energy sources, the development of sustainable products and technologies and the implementation of programs that support local communities.

Key drivers for organic growth

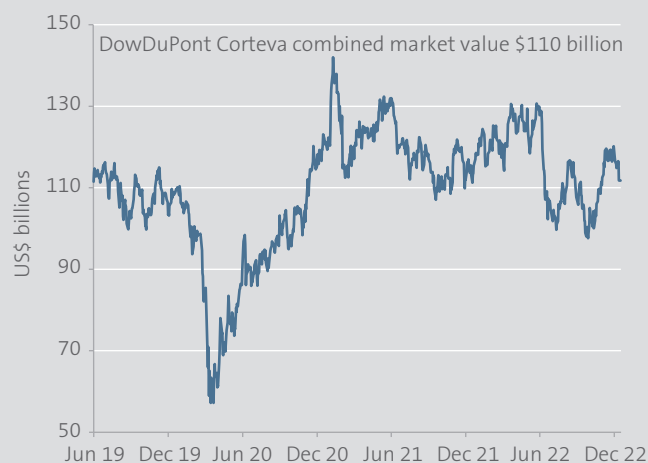
Electronics focuses on the pursuit of new technologies and performance materials. Dupont is considered a technology leader in this field, producing semiconductors, conductive polymers and other materials used in electronic devices.

Industrial Technologies provides specialised materials for protective use in harsh and environmentally demanding environments. Du Pont's thermal management materials offer superior temperature stability compared to competitor products and are widely used in the healthcare and aerospace industries.

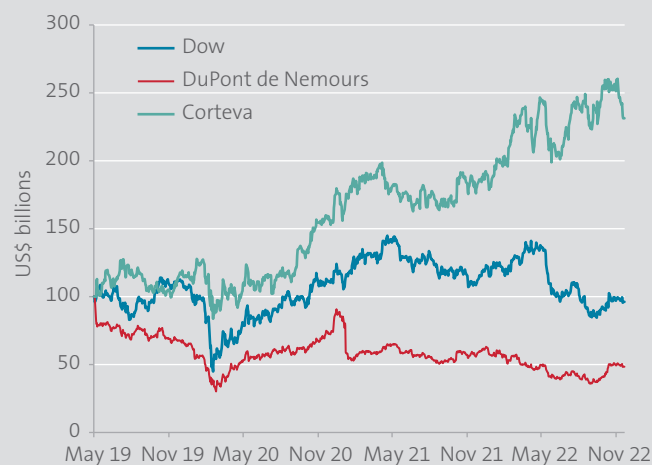
Water is a sustainability-driven segment that develops solutions aimed at addressing water scarcity. The water

¹ Per- and Polyfluorinated substances are a group of chemicals used to make coatings and products that are heat, oil, stain, grease and water resistant.

Combined Dow, DuPont and Corteva market cap



Value of \$100 invested on 1 June 2019



The changing face of DuPont

business supplies many critical components and systems needed for the technologies employed in generating clean water (eg reverse osmosis, ion exchange and ultrafiltration). DuPont operates two world class manufacturing facilities - one in Minnesota in the US and the other in Jubail, Saudi Arabia. The Jubail plant manufactures membranes and components for reverse osmosis desalination plants in the Middle East, Africa and Asia. This division also works closely with large manufacturing plants, like semiconductor producers in China and the rest of Asia, to reuse wastewater - typically achieving over 90% reusability. The cost savings and substantially reduced environmental impact is immense, making the water solutions business an automatic choice for many industrial customers in Asia and the Middle East.

The **Protection** business spans both shelter solutions, with products like Styrofoam™ used in construction, and highly engineered materials used in protective wear garments and accessories that are critical to the protection of life, like Kevlar™.

Through their **Next Generation Automotive** business, Du Pont produces a range of materials used in vehicle and aircraft

manufacturing, such as those used to coat and protect against corrosion and wear (eg in tyres). Additionally, this segment develops new technologies related to transportation, for example: for electric vehicle batteries, improving fuel efficiency and driver safety and comfort (eg autonomous driving and safety systems).

Poised for growth

After a frenetic four-year period of corporate activity that included a global pandemic, DuPont has emerged with a strong, cash-flush balance sheet. It has renewed focus on its core businesses that have enduring competitive advantages and are exposed to fast-growing end markets such as water scarcity solutions and next generation mobility.

The electronics and industrial portfolio of businesses have demonstrable pricing power that proved their worth during the pandemic, with continued volume growth, while competitors saw large volume declines. The modern-day DuPont is an entirely different business to the one started by Eleuthère over two centuries ago and its products and services are in considerably greater demand today than the gunpowder produced back in 1801. **UP**

DuPont's five divisions





Camissa Asset Management (Pty) Limited

Fifth Floor MontClare Place
Cnr Campground and Main Roads
Claremont 7708

PO Box 1016 Cape Town 8000

Tel +27 21 673 6300 Fax +27 86 675 8501

Email info@camissa-am.com

Website www.camissa-am.com

Camissa Asset Management (Pty) Limited is a licensed financial services provider (FSP No. 784)
Reg No. 1998/015218/07

Footnote: ¹ Annualised (ie the average annual return over the given time period); ² TER (total expense ratio) = % of average NAV of portfolio incurred as charges, levies and fees in the management of the portfolio for the rolling three-year period to 31 December 2022; ³ Transaction costs (TC) are unavoidable costs incurred in administering the financial products offered by Camissa Collective Investments and Impact financial product returns. It should not be considered in isolation as returns may be impacted by many other factors over time including market returns, the type of financial product, the investment decisions of the investment manager and the TER. This is also calculated on the rolling three-year period to 31 December 2022. ⁴ Source: Morningstar; net of all costs incurred within the fund and measured using NAV prices with income distributions reinvested; ⁵ Source: Camissa Asset Management; gross of management fees; ⁶ Median return of Alexander Forbes SA Manager Watch: BIV Survey; ⁷ Median return of Alexander Forbes Global Large Manager Watch. ⁸ Benchmark changed with effect from 1 January 2021 from 'Average performance in Global Equity unit trust universe'.

Disclaimer: The Camissa unit trust fund range is offered by Camissa Collective Investments (RF) Limited (Camissa), registration number 2010/009289/06. Camissa is a member of the Association for Savings and Investment SA (ASISA) and is a registered management company in terms of the Collective Investment Schemes Control Act, No 45 of 2002. Camissa is a subsidiary of Camissa Asset Management (Pty) Limited [a licensed financial services provider (FSP No. 784)], the investment manager of the unit trust funds.

Unit trusts are generally medium to long-term investments. The value of units will fluctuate and past performance should not be used as a guide for future performance. Camissa does not provide any guarantee either with respect to the capital or the return of the portfolio(s). Foreign securities may be included in the portfolio(s) and may result in potential constraints on liquidity and the repatriation of funds. In addition, macroeconomic, political, foreign exchange, tax and settlement risks may apply. However, our robust investment process takes these factors into account. Unit trusts are traded at ruling prices and can engage in scrip lending and borrowing. Exchange rate movements, where applicable, may affect the value of underlying investments. Different classes of units may apply and are subject to different fees and charges. A schedule of the maximum fees, charges and commissions is available upon request. Commission and incentives may be paid, and if so, would be included in the overall costs. All funds are valued and priced at 15:00 each business day and at 17:00 on the last business day of the month. Forward pricing is used. The deadline for receiving instructions is 14:00 each business day in order to ensure same day value. Prices are published daily on our website.

Performance is based on a lump sum investment into the relevant portfolio(s) and is measured using Net Asset Value (NAV) prices with income distributions reinvested. NAV refers to the value of the fund's assets less the value of its liabilities, divided by the number of units in issue. Figures are quoted after the deduction of all costs incurred within the fund. Individual investor performance may differ as a result of initial fees, the actual investment date, the date of reinvestment and dividend withholding tax. Camissa may close a portfolio to new investors in order to manage it more effectively in accordance with its mandate. Please refer to the relevant fund fact sheets for more information on the funds by visiting www.camissa-am.com.

Camissa takes no responsibility for any information contained herein or attached hereto unless such information is issued under the signature of an FSCA-approved representative or key individual (as these terms are defined in FAIS) and is strictly related to the business of Camissa. Such information is not intended to nor does it constitute financial, tax, legal, investment or other advice, including but not limited to 'advice' as that term is defined in FAIS. Camissa does not guarantee the suitability or potential value of any information found in this communication. The user of this communication should consult with a qualified financial advisor before relying on any information found herein and before making any decision or taking any action in reliance thereon. This communication contains proprietary and confidential information, some or all of which may be legally privileged. It is for the intended recipient only. If an error of any kind has misdirected this communication, please notify the author by replying to this communication and then deleting the same. If you are not the intended recipient you must not use, disclose, distribute, copy, print or rely on this communication. Camissa is not liable for any variation effected to this communication or any attachment hereto unless such variation has been approved in writing by an FSCA-approved representative or key individual of Camissa.