# DuPont Semiconductor Technologies

**A Global Innovation Leader** 

**Investor Presentation** 

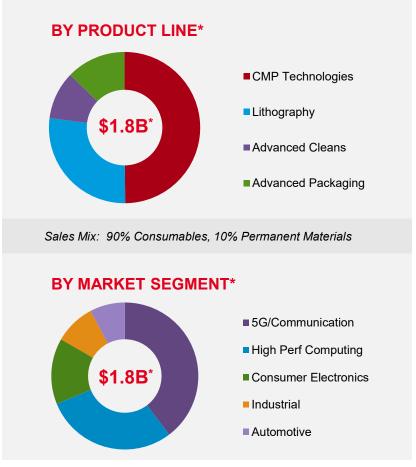
September 22, 2021

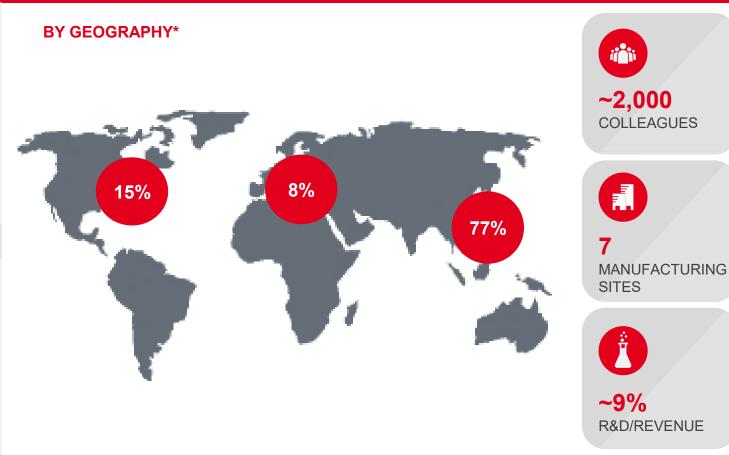




# Semiconductor Technologies: At a glance

#### INDUSTRY-LEADING PORTFOLIO TARGETING ATTRACTIVE END-MARKETS



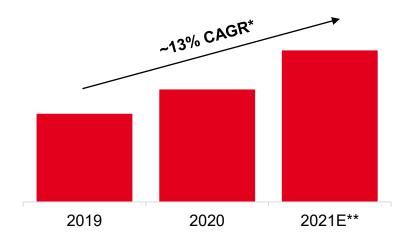




# Semiconductor Technologies: At a glance

#### STRONG FINANCIAL PROFILE AND GROWTH STRATEGY

#### **NET SALES**



- Resilient sales based on wafer starts and spec'd in products
- Consistently outperform market by 200-300 basis points
- Growth accelerating in 2020 and 2021

#### **GROWTH STRATEGY**

- Partner with customers to optimize product and process performance
- Continue to invest in leading-edge technology
- Pursue attractive bolt-on acquisitions in high-value adjacencies

- Expand addressable market through technology transitions
- Build R&D, application engineering and manufacturing capabilities close to customer



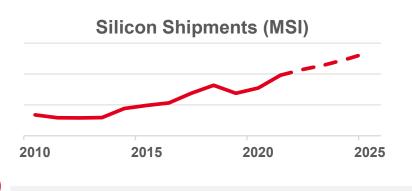
# Megatrends driving strong surge in semiconductor demand and investment

#### **MEGATRENDS**

### GROWING SEMICONDUCTOR DEMAND



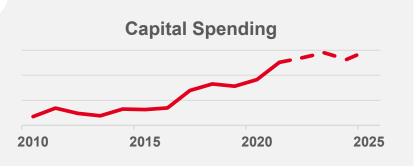




Consistent market growth of 4-6%







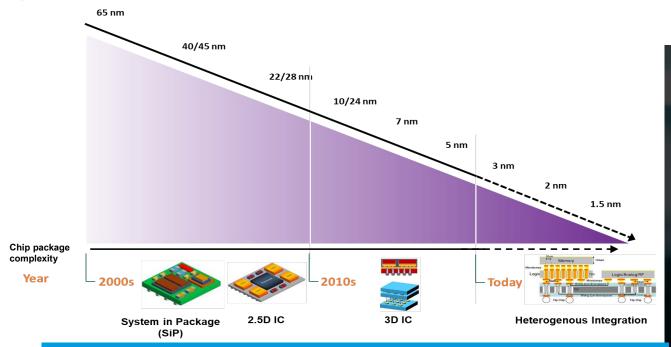
Fab investment supporting transitions to leading edge



### Technology roadmap creating high-value material challenges

DuPont's portfolio uniquely positioned to enable both smaller nodes AND more complex packaging

Logic node



#### Smaller, taller, and more complex structures require:

- Atomic level planarization
- Impurities as low as <1 PPT\*
- Feature sizes at 5nm and below
- Ultra low defectivity

...all at scale with high reliability



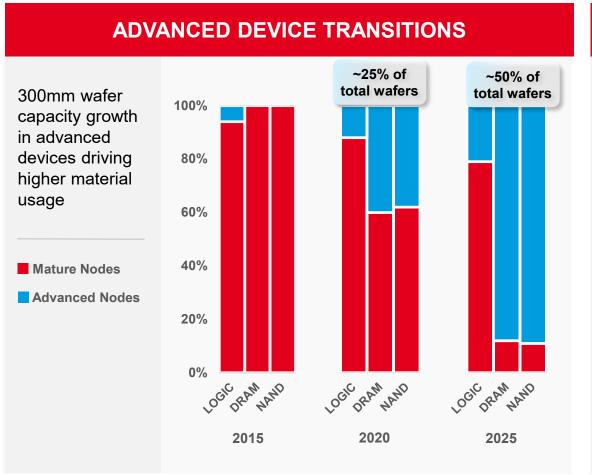
- > Better Performance
- > Lower Power
- Smaller Area

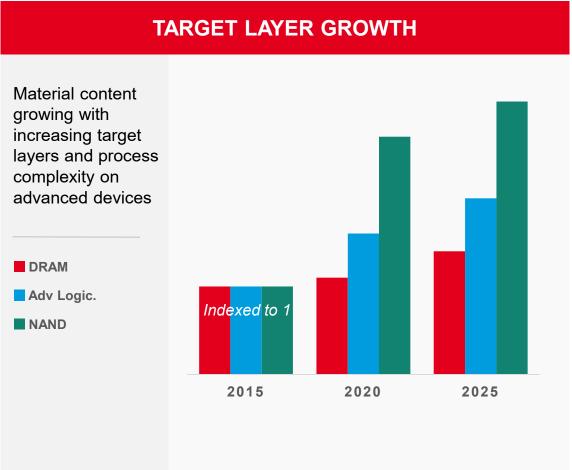
Chip and wafer architecture, process complexity and material intensity will drive more materials content



\*PPT: Parts per Trillion

# Advanced chips driving higher growth for DuPont materials usage

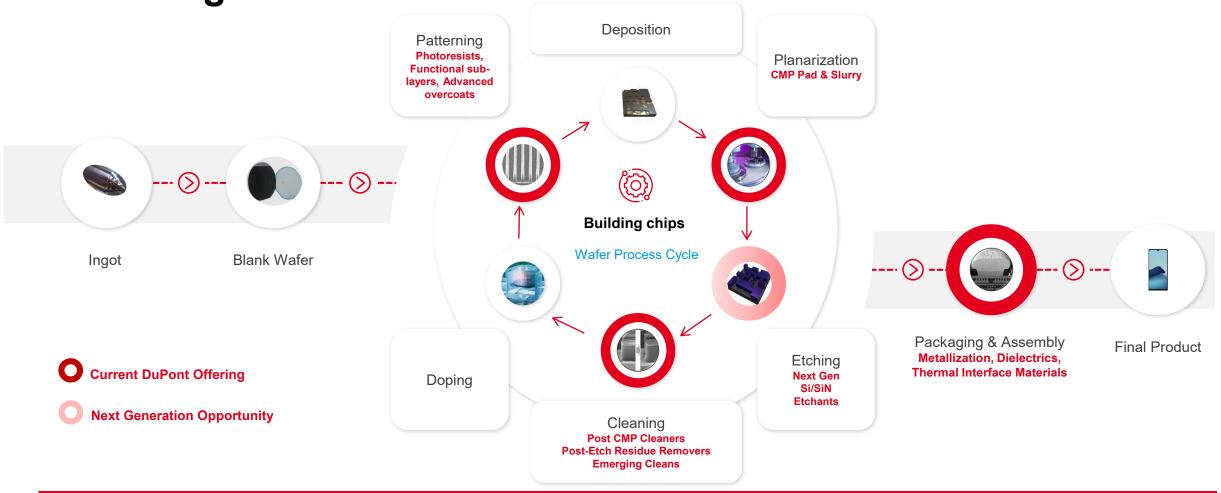




LEADING-EDGE LOGIC AND MEMORY CHIPS USE 2 TO 3X MORE MATERIAL



DuPont materials enable critical semiconductor process steps at leading fabs



DUPONT PORTFOLIO FOCUSED ON SPECIALTY MATERIALS WITHIN FABRICATION AND PACKAGING PROCESSES



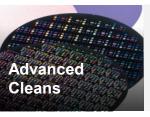
# Industry-leading portfolio, well-positioned for growth





Pads

Slurries



- Post-Etch Residue Removers
- Strippers
- Post CMP Cleaners
- Emerging Cleans



- Photoresists
- Advanced Overcoats
- Functional Sublayers
- Ancillaries



- Metallization
- Dielectrics

 Thermal interface materials



**SOURCES OF COMPETITIVE ADVANTAGE** 

Broad customized portfolio enables optimized solutions Market leader for materials in advanced nodes and devices

Deep customer intimacy

Differentiated performance, quality and process capabilities

Local application engineering and testing capability

World class supply chain proficiency and reliability



# Key takeaways



Proven track record of market outperformance



Robust market fundamentals for semiconductor growth linked with key megatrends



DuPont portfolio enables solutions for industry's most critical needs



Strong market position and partnerships with leading customers



Innovation leader with long history of operational and quality excellence



# **Appendix**



# **Upcoming Events**

- ❖ Tuesday, November 2, 2021
  - DuPont 3Q21 Earnings Call
- **❖** Wednesday, November 17, 2021
  - Interconnect Solutions (E&I) Teach-In



### Safe Harbor Statement

#### Presentation

This presentation is meant to provide a deeper understanding of DuPont's Semiconductor Technologies business, its underlying technologies and growth opportunities. DuPont is not, and nothing in the presentation should be interpreted as, affirming, updating or otherwise commenting on guidance provided as part of the Company's second quarter 2021 earnings call on August 3, 2021.

#### Overview

Effective August 31, 2017, E. I. du Pont de Nemours and Company ("EID") and The Dow Chemical Company ("TDCC") each merged with subsidiaries of DowDuPont Inc. (n/k/a "DuPont") and, as a result, EID and TDCC became subsidiaries of the Company (the "DWDP Merger"). On April 1, 2019, the Company completed the separation of the materials science business through the spin-off of Dow Inc., ("Dow") including Dow's subsidiary The Dow Chemical Company (the "Dow Distribution"). On June 1, 2019, the Company completed the separation of the agriculture business through the spin-off of Corteva, Inc. ("Corteva") including Corteva's subsidiary E. I. du Pont de Nemours and Company ("EID"), (the "Corteva Distribution and together with the Dow Distribution, the "DWDP Distributions").

On February 1, 2021, the Company completed the divestiture of the Nutrition & Biosciences ("N&B") business to International Flavors & Fragrance Inc. ("IFF") in a Reverse Morris Trust transaction (the "N&B Transaction") that resulted in IFF issuing shares to DuPont stockholders. The results of operations of DuPont for all periods presented reflect the historical financial results of N&B as discontinued operations, as applicable. The cash flows related to N&B have not been segregated and are included in the Consolidated Statements of Cash Flows for the applicable periods.

In addition, the Company includes in discontinued operations activity related to the indemnification obligations pertaining to EID legacy liabilities including eligible PFAS costs under the cost sharing arrangement (the "MOU") by and between DuPont, Corteva and The Chemours Company.

On July 1, 2021, DuPont completed the previously announced acquisition of the Laird Performance Materials business, (the "Laird PM Acquisition").

#### Cautionary Statement Regarding Forward Looking Statements

This communication contains "forward-looking statements" within the meaning of the federal securities laws, including Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. In this context, forward-looking statements often address expected future business and financial performance and financial condition, and often contain words such as "expect," "anticipate," "intend," "plan," "believe," "seek," "see," "will," "would," "target," and similar expressions and variations or negatives of these words.

Forward-looking statements address matters that are, to varying degrees, uncertain and subject to risks, uncertainties and assumptions, many of which that are beyond DuPont's control, that could cause actual results to differ materially from those expressed in any forward-looking statements. Forward-looking statements are not guarantees of future results. Some of the important factors that could cause DuPont's actual results to differ materially from those projected in any such forward-looking statements include, but are not limited to: (i) the ability to achieve expected benefits, synergies and operating efficiencies in connection with the Laird PM Acquisition within the expected time frames or at all or to successfully integrate the Laird Performance Materials business; (ii) ability to achieve anticipated tax treatments in connection with the N&B Transaction, Laird PM Acquisition or the DWDP Distributions; (iii) changes in relevant tax and other laws; (iv) indemnification of certain legacy liabilities of EID in connection with the Corteva Distribution; (v) risks and costs related to the performance under and impact of the cost sharing arrangement by and between DuPont, Corteva and The Chemours Company related to future eligible PFAS costs; (vi) failure to effectively manage acquisitions, divestitures, alliances, joint ventures and other portfolio changes, including meeting conditions under the Letter Agreement entered in connection with the Corteva Distribution, related to the transfer of certain levels of assets and businesses; (vii) uncertainty as to the long-term value of DuPont common stock; (viii) risks and uncertainties related to the novel coronavirus (COVID-19) and the responses thereto (such as voluntary and in some cases, mandatory guarantines as well as shut downs and other restrictions on travel and commercial, social and other activities) on DuPont's business, results of operations, access to sources of liquidity and financial condition which depend on highly uncertain and unpredictable future developments, including, but not limited to, the duration and spread of the COVID-19 outbreak, its severity, the actions to contain the virus or treat its impact, and how quickly and to what extent normal economic and operating conditions resume; and (ix) other risks to DuPont's business, operations; each as further discussed in detail in and results of operations as discussed in DuPont's annual report on Form 10-K for the year ended December 31, 2020 and its subsequent reports on Form 10-Q and Form 8-K. Unlisted factors may present significant additional obstacles to the realization of forward-looking statements. Consequences of material differences in results as compared with those anticipated in the forward-looking statements could include, among other things, business or supply chain disruption, operational problems, financial loss, legal liability to third parties and similar risks, any of which could have a material adverse effect on DuPont's consolidated financial condition, results of operations, credit rating or liquidity. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made. DuPont assumes no obligation to publicly provide revisions or updates to any forward-looking statements whether as a result of new information, future developments or otherwise, should circumstances change, except as otherwise required by securities and other applicable laws.





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