

Welcome Investor Day

September 2022

Agenda

Insightful Growth



Eitan Oppenhaim President & CEO

Long-term outperformance & strategic planning



Dror David

Financial model & profitable growth



Zohar Gil CMO

Growth engines & market drivers



СТО

Unique technology for exponential growth

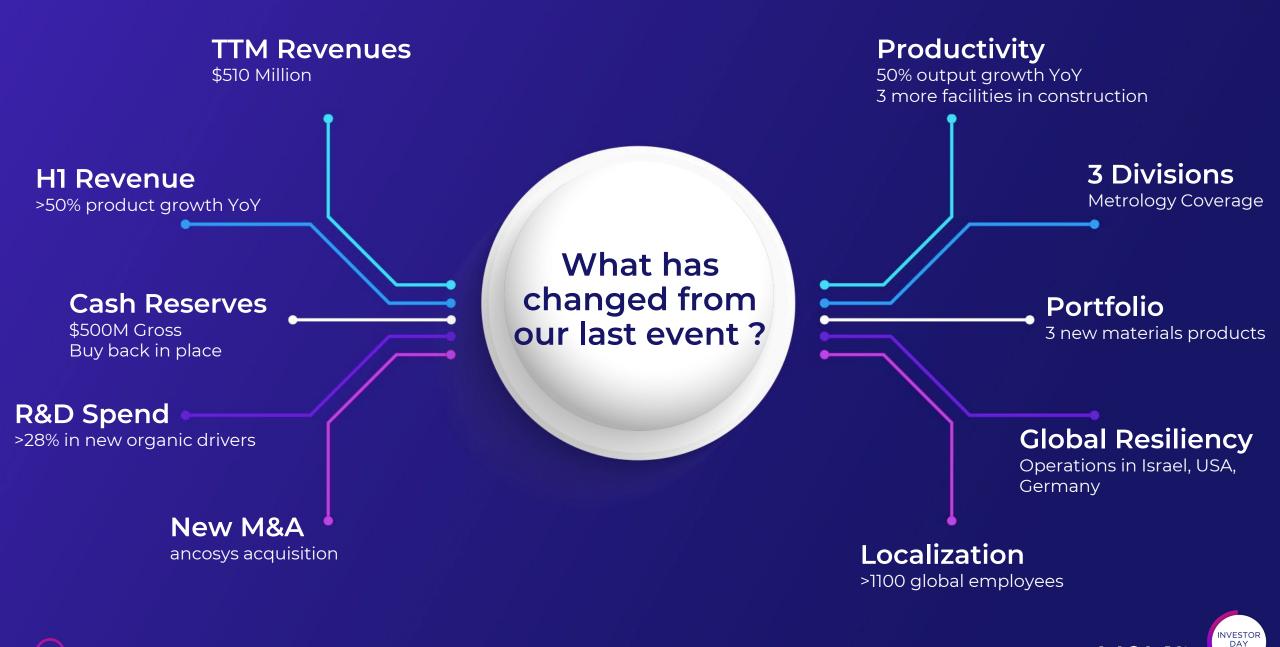
NOVA

INVESTOR DAY **2022**

NO PROCESS INSIGHT

Long-Term Outperformance & Strategic Planning

Eitan Oppenhaim, President & CEO September 2022



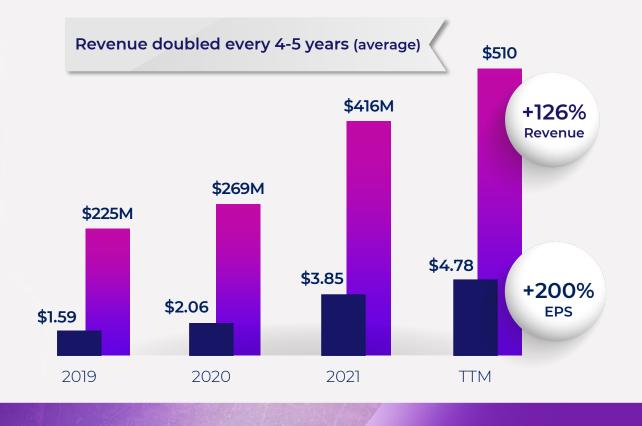
NOVX

2022

Solid Track Record

Outperformance





Metrology coverage

Differentiated portfolio

New organic engines

Diverse technology mix

Diverse customer mix

Diverse territory mix

INVESTOR

DAY

2022

NOVM

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TTM – Twelve Months Trailing Q3 21 to Q2 22, Non-GAAP Financials Source: Gartner Semiconductor CAPEX and Process Control 2016-2021



Dimensional Metrology Intensity

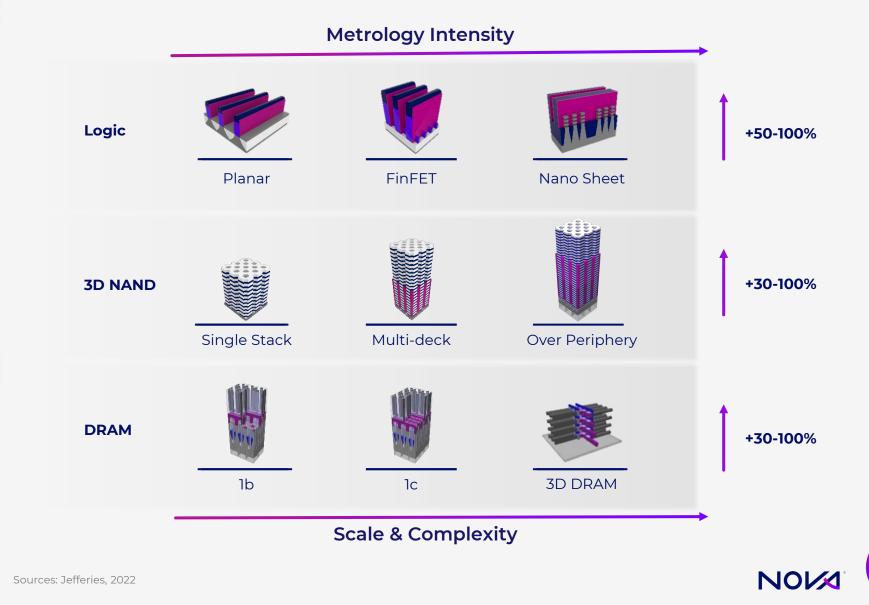


Films Variety •

Intricate Architecture •-

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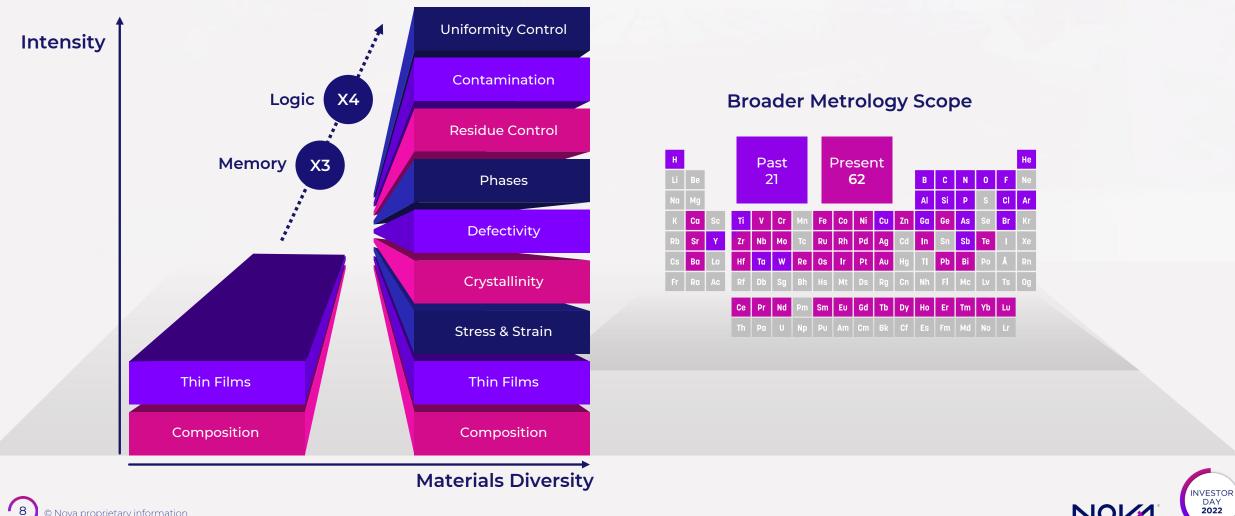
Scale & Complexity = Growing Demand Growth in Design Steps



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Materials Metrology Intensity

From 20 to 90 Steps



NO

Chemical Metrology Intensity

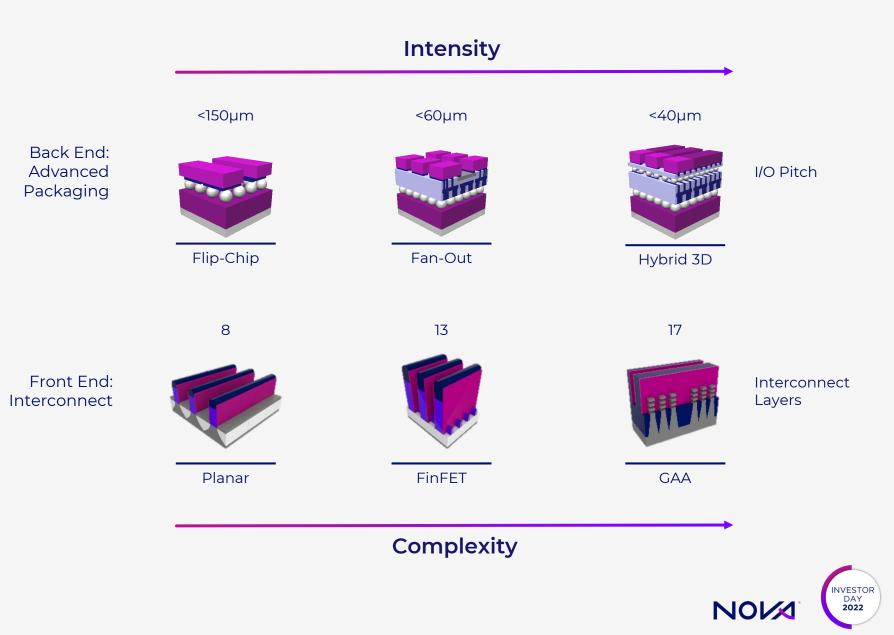
Complexity

- New materials
- New chemistries
- Stability and purity
- Tighter process control •

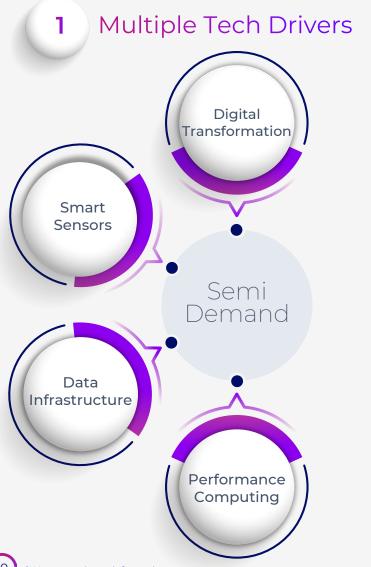
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9

Complexity, Scale & New Chemicals



Resilient Secular Growth in Cyclical Environment



2 Disruptive Investment

Investment across broad range of IC Devices

Technology transitions to support performance demand

Resume normal scaling cycles (EUV) Below 7nm

Demand for increased content in advanced devices

Geo-centric strategy drives diverse geographical investment

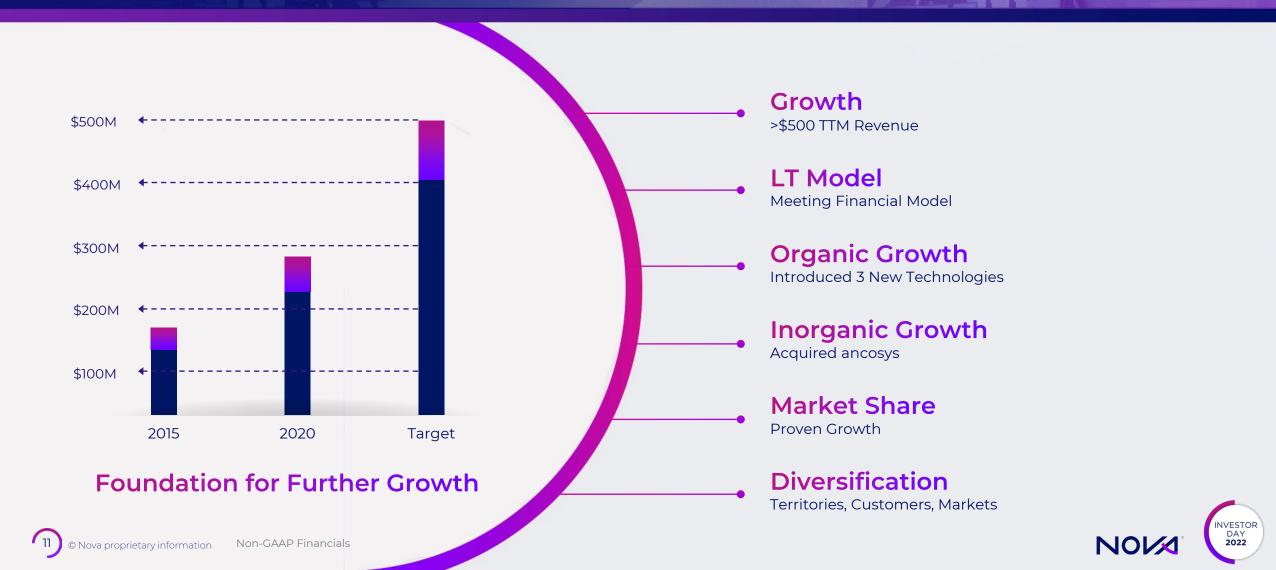
Synergy between industry segments drives need for better process control







Executing Nova 500



Nova \$1B Plan (5 Years)

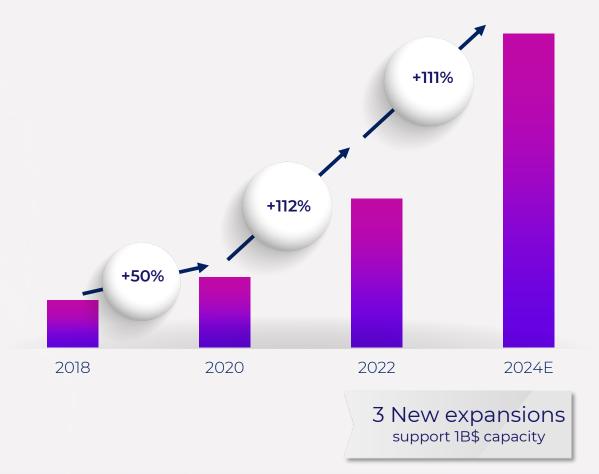
Outperforming the Market



Operational Leverage

- Supporting multiple new and trailing products
- Strengthening the distributed model over 3 major sites

13



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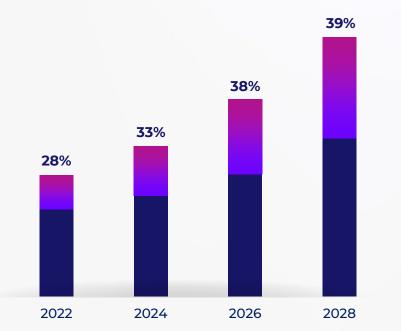
2022

3 distributed sites New complex products Supply chain resiliency 3 main production lines Internal versus outsource Labs and home tools

Organic Growth Engines

Differentiated technology Innovative metrology

Investment in New Technologies (of Total R&D, Gross)



Physical and ML algorithms Deep tech data-driven solutions

Service revenue Extendibility & enhancement

Research technologies LAB to FAB

Non-GAAP Financials NOV

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2022

Inorganic Approach

Search Guidelines



Early Access Lab to Fab Technology



Materials Leadership



Software Offering Enhancement



Adjacent Process Control Markets

Screening Elements

Operational Leverage (Accretion)

Top Line

Synergy

Transformational

Complementary Technology

Diversification Within Core Capabilities



NO ROCESS INSIGHT

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Thank You