

# 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

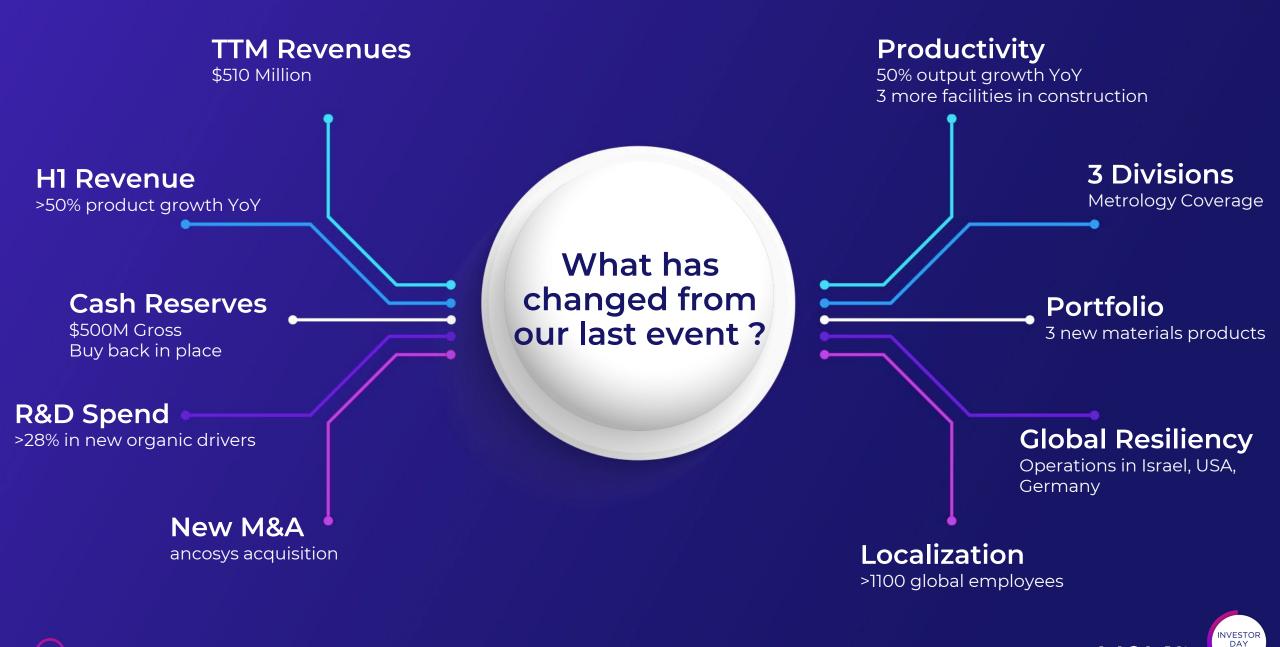
NOVA

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#### NO PROCESS INSIGHT

# Long-Term Outperformance & Strategic Planning

**Eitan Oppenhaim**, President & CEO September 2022



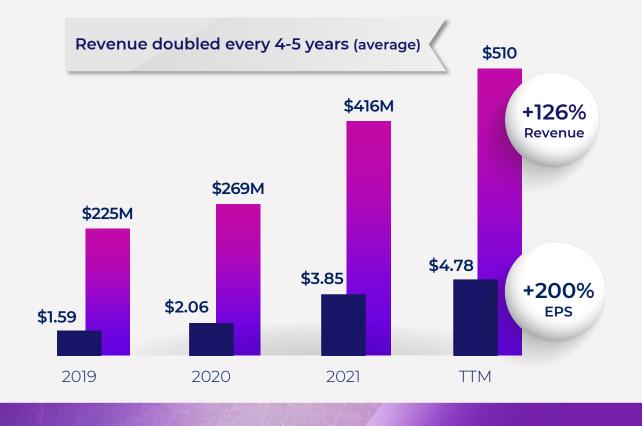
NOVX

2022

## Solid Track Record

#### Outperformance





Metrology coverage

Differentiated portfolio

New organic engines

Diverse technology mix

Diverse customer mix

#### Diverse territory mix

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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

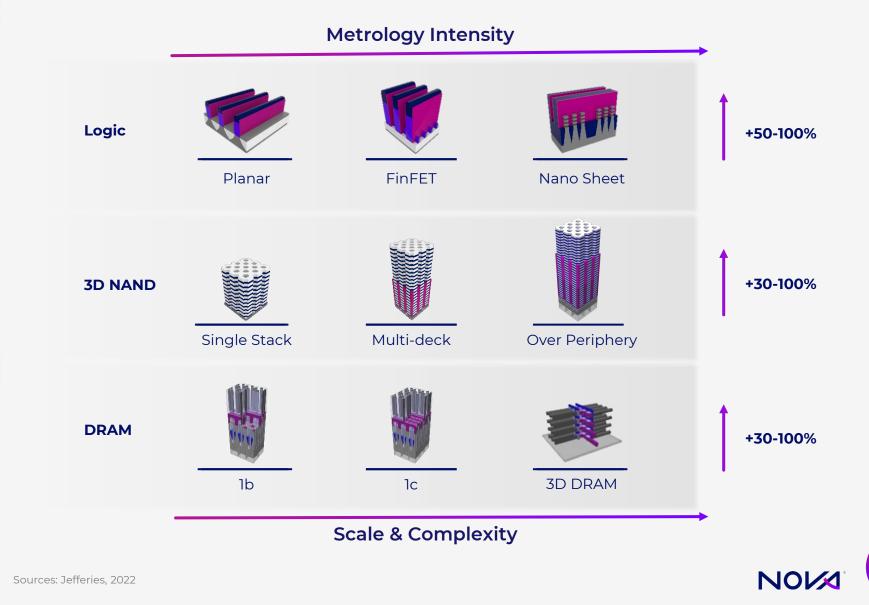


Films Variety •

Intricate Architecture •-

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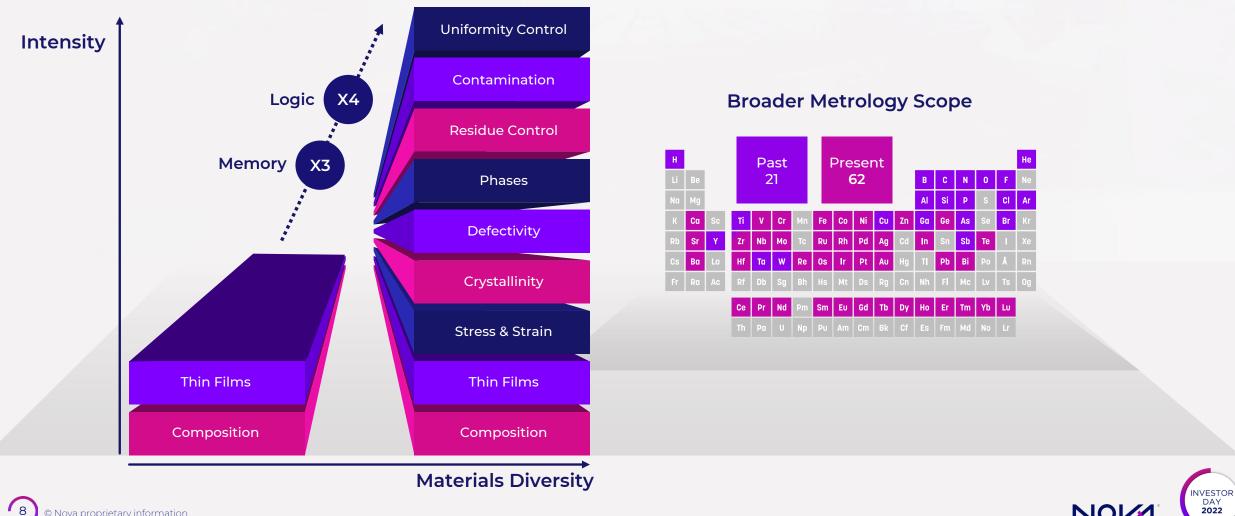
#### Scale & Complexity = Growing Demand Growth in Design Steps



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#### Materials Metrology Intensity

From 20 to 90 Steps



NO

## Chemical Metrology Intensity

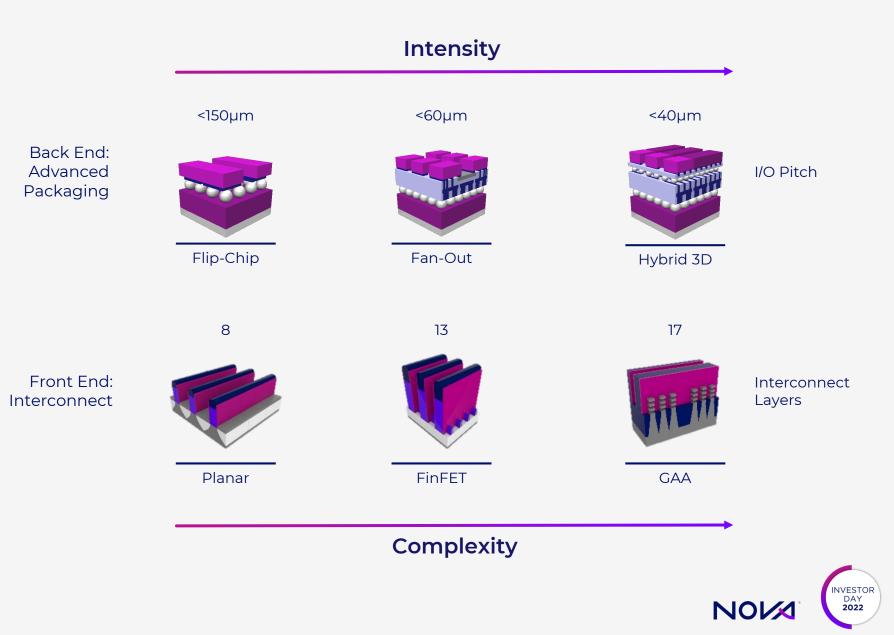
Complexity

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

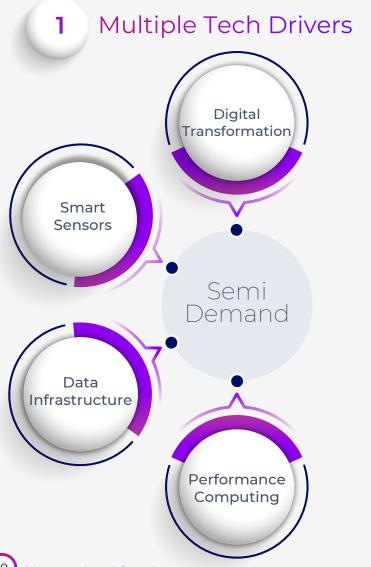
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#### **Complexity, Scale & New Chemicals**



#### **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

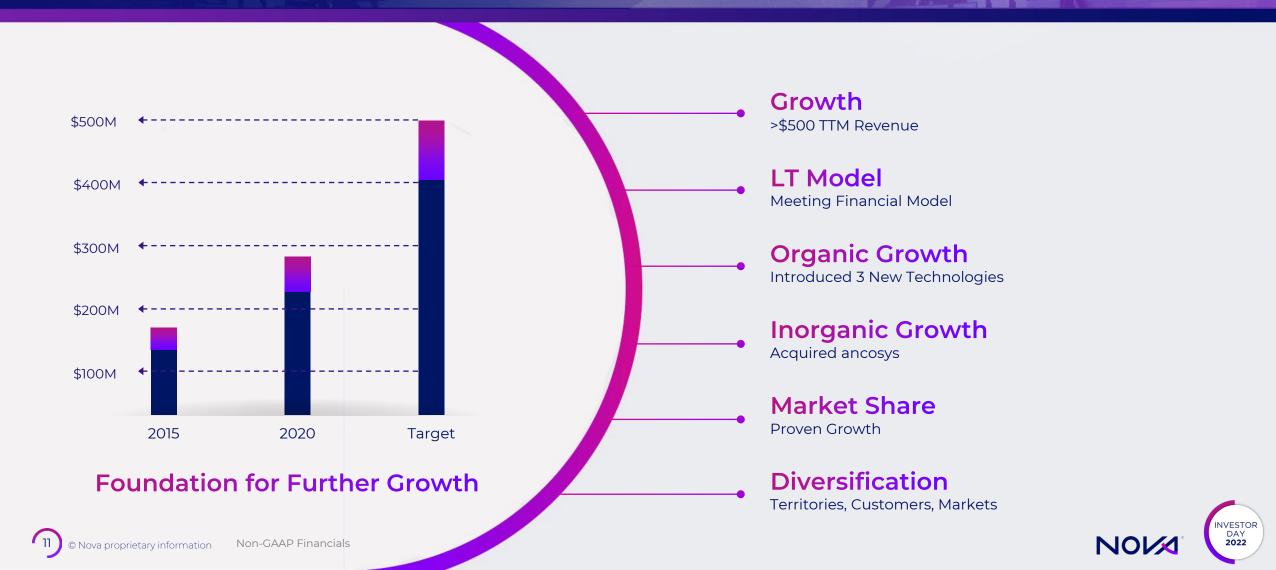
Synergy between industry segments drives need for better process control





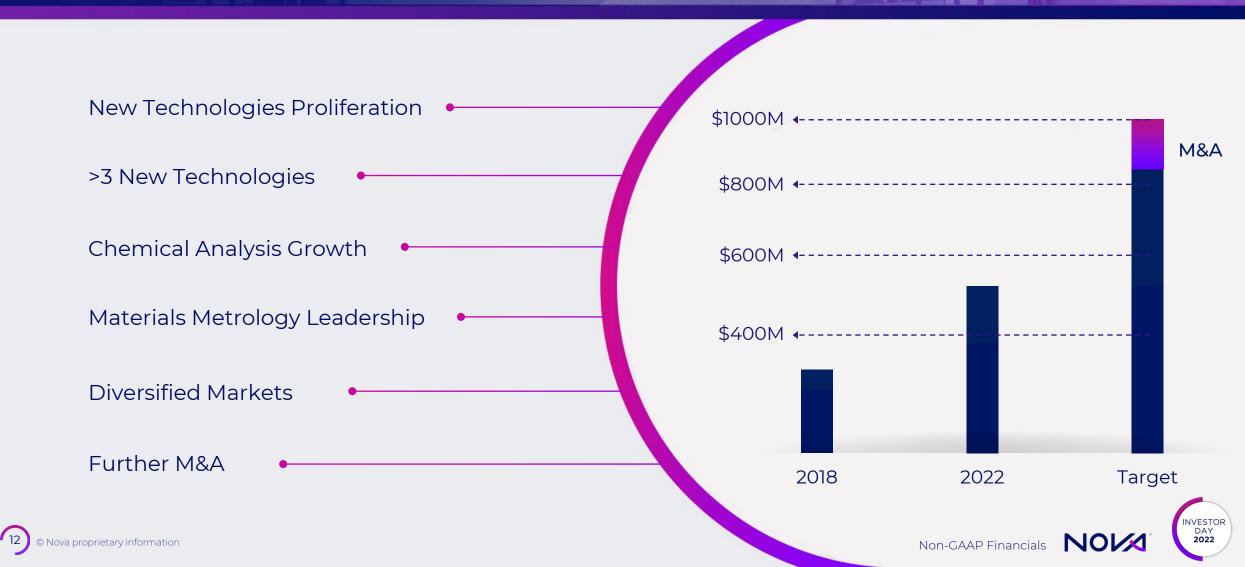


#### **Executing Nova 500**



## Nova \$1B Plan (5 Years)

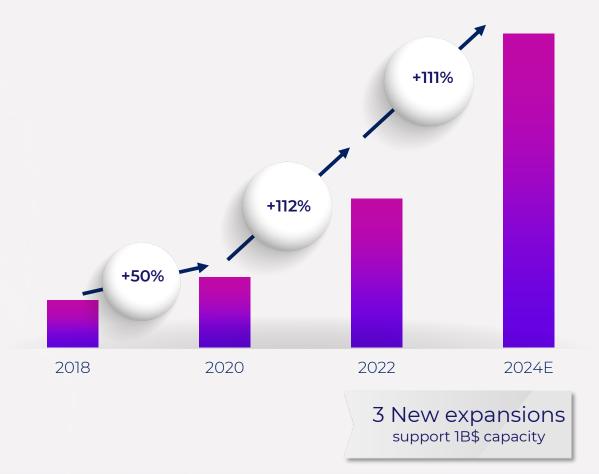
Outperforming the Market



## **Operational Leverage**

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

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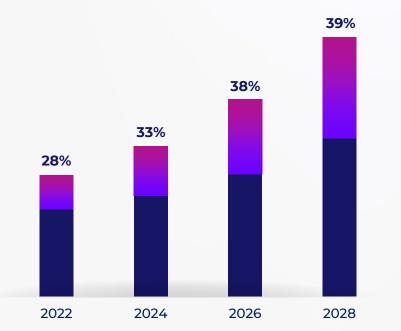
2022

# 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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# 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