



Aurora Solar Technologies

Make Your Solar Cells Better

Corporate Presentation – December 2020

www.aurorasolartech.com TSX-V: ACU, OTCBB: AACTF, FRA: A82



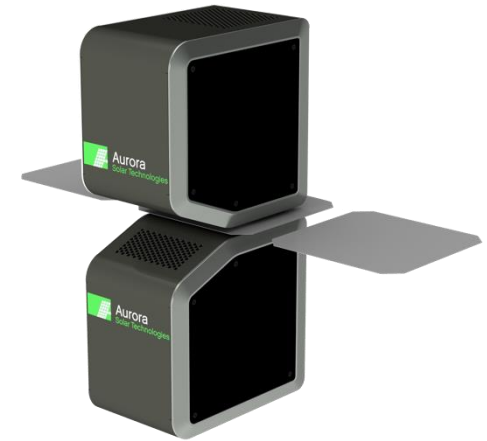
Safe Harbour Statement

Forward Looking Statements: Certain of the statements and market data contained in this presentation are forward-looking statements which involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements.

Impact of COVID-19 Pandemic: On March 11, 2020, the coronavirus outbreak ("Covid-19") was declared a pandemic by the World Health Organization. International travel restrictions to contain the spread of Covid-19, and supply-chain limitations have had a material impact on the Company's operations and created business uncertainties as described in the Company's Report to Shareholders and Management Discussion and Analysis of the Financial Position and Results of Operations for the Three Months Ended 30 September 2020. We encourage existing and potential investors to review this information.

Aurora Solar Technologies

- FOR SOLAR CELL MANUFACTURERS, who struggle to be profitable
- ✓ Aurora's manufacturing quality control systems INCREASE manufacturing YIELD and PROFITS
- ✓ Unlike our competition, we provide a WHOLE SOLUTION for this need
- ✓ We sell process measurement hardware and are launching our new Insight software product targeted for subscription-based recurring revenue



Quality measurement of a series of solar cells



Real-time quality assessment based on measured parameters

Aurora's Vision:

Become the number one quality control system provider for solar product manufacturing



More than 150 systems sold
50% Gross Margin



Sales/presence in largest global
markets offers broad target for
new Insight product launch



\$525M market
Manufacturing capacity
growing over 20% per year



Validated
by industry leaders



Positioned for growth
Leading patented technology
Industry-recognized team

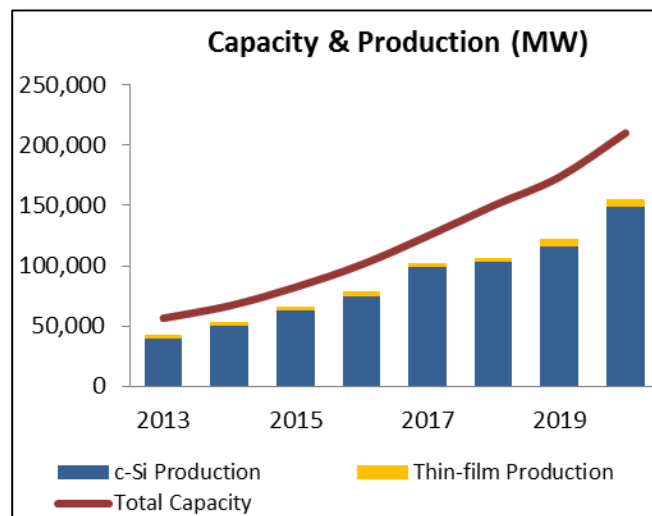


\$26M market cap
Attractive investment as
business continues to
execute

Our addressable market is large and rapidly growing

- Solar industry long-term growth at **25% CAGR**
- Annual CAPEX for solar cell manufacturers > \$4.3 billion
- Of this, **Aurora's addressable market > \$525 million**

Solar cell manufacturing growth

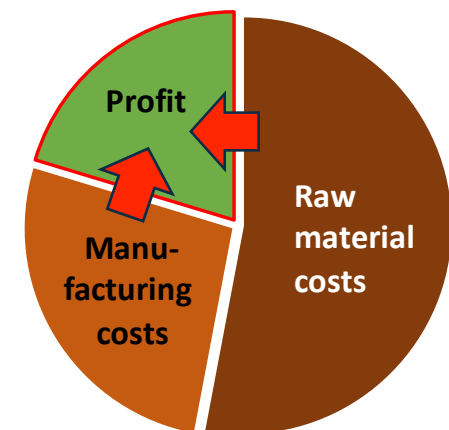
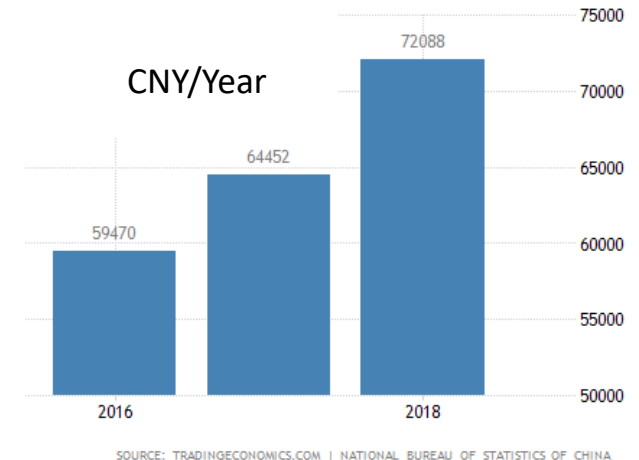


Source: SolarMedia PV Manufacturing Quarterly Report, Sept 2019

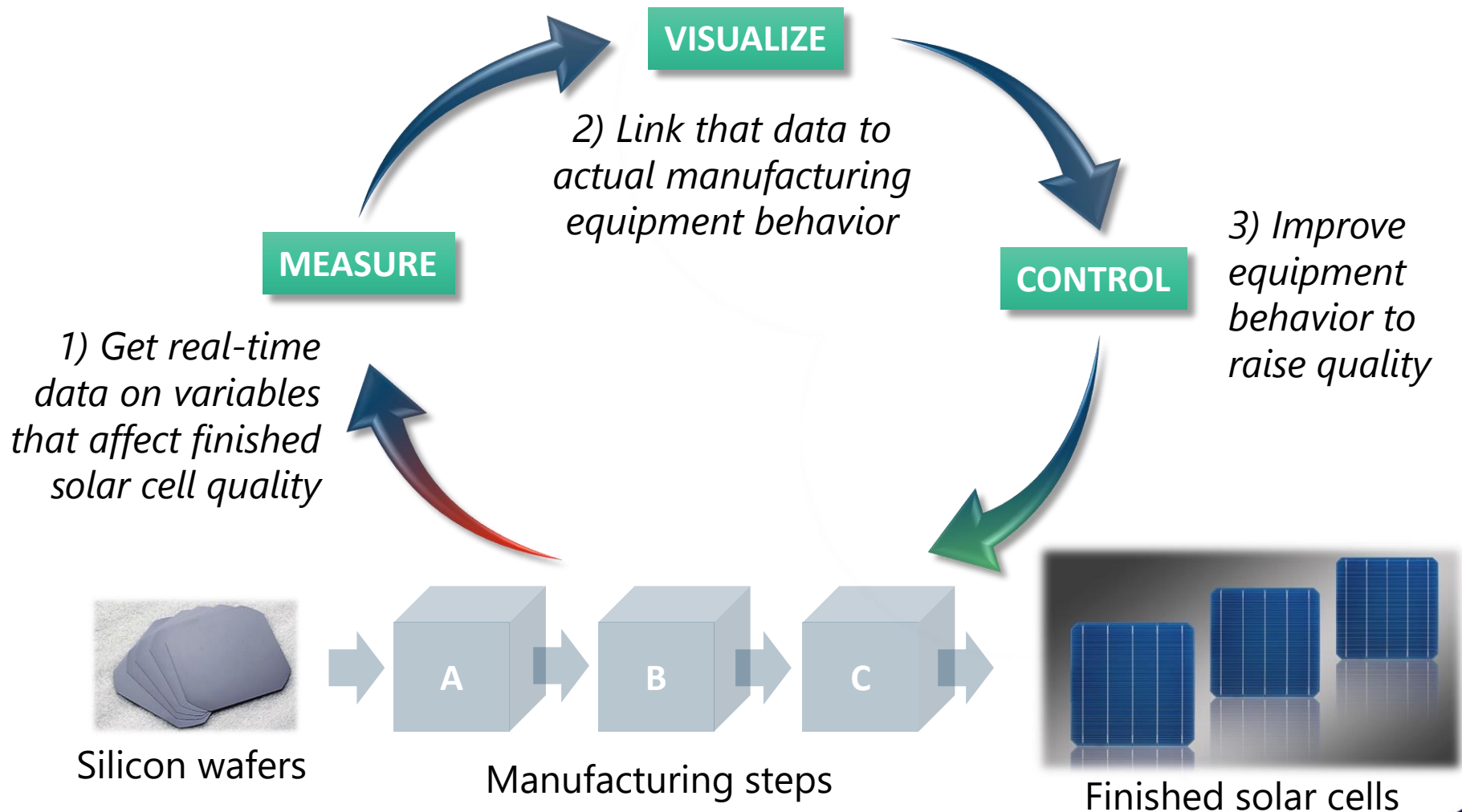
Manufacturing Challenges Today

Lost profit in manufacturing

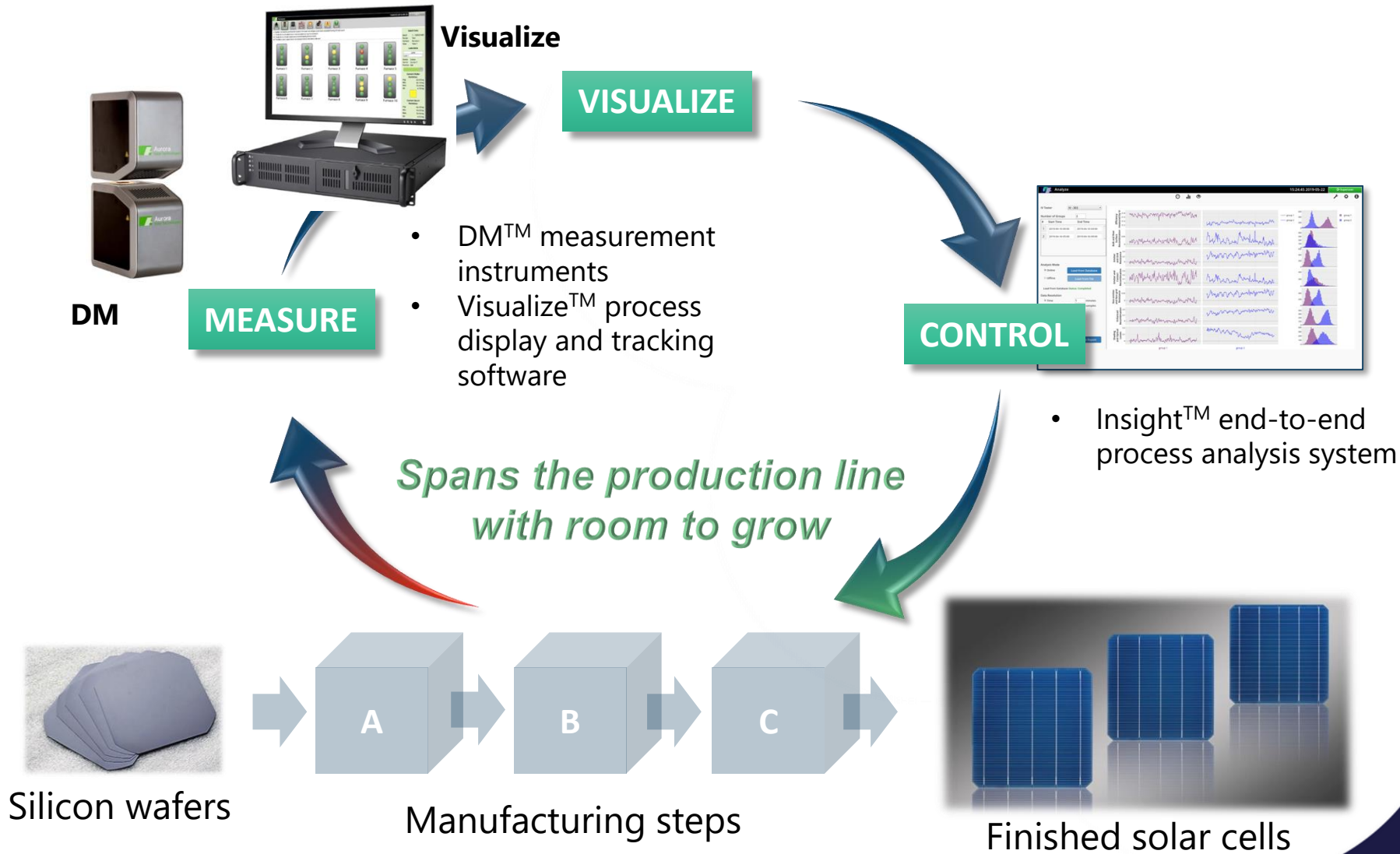
- Increasing labour costs due to turnover and rising wage rates
 - Now driving adoption of automated handling and inline measurement
- High raw material and processing costs relative to selling price



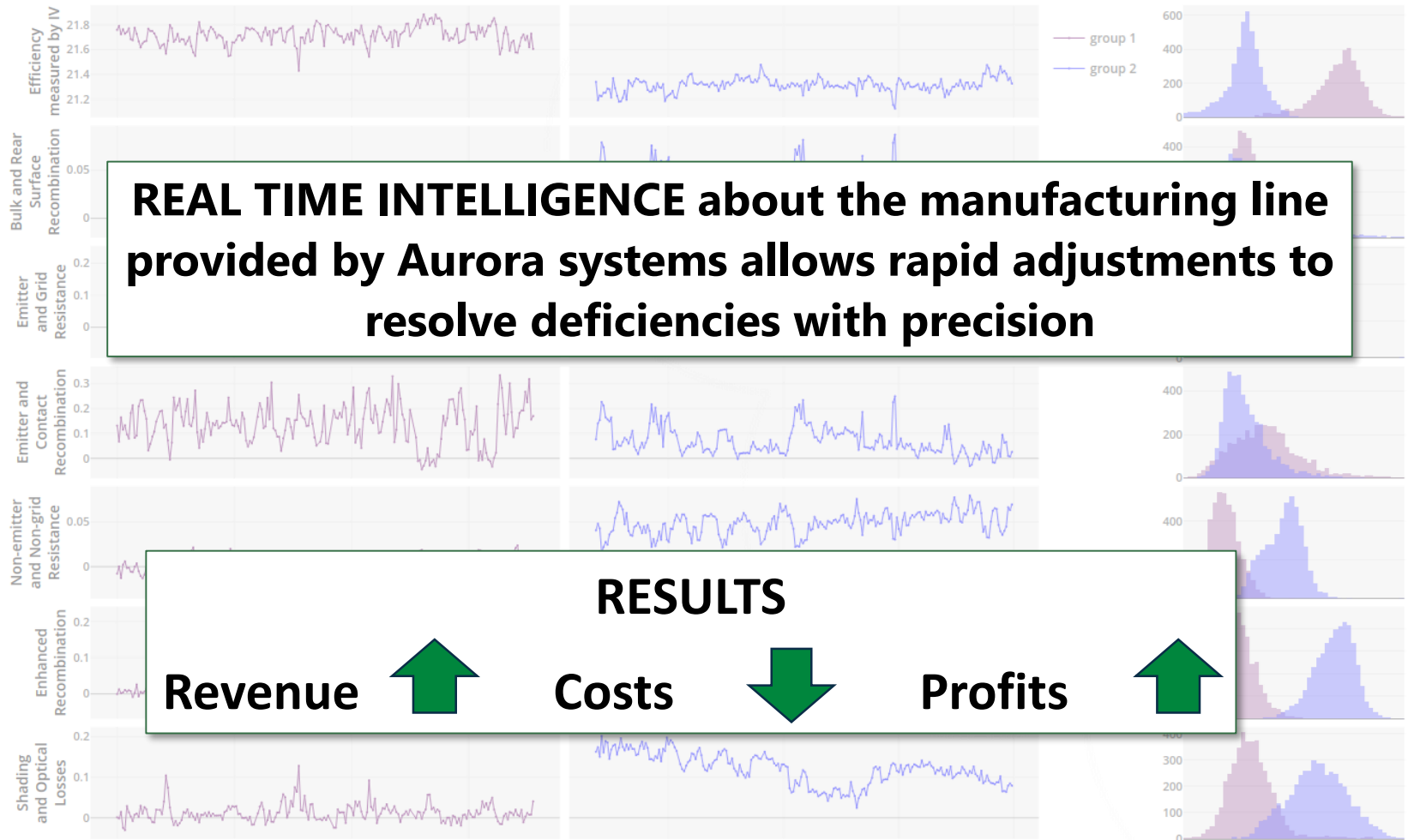
A solution is needed to realize the efficiencies



Aurora is THE solution



Result

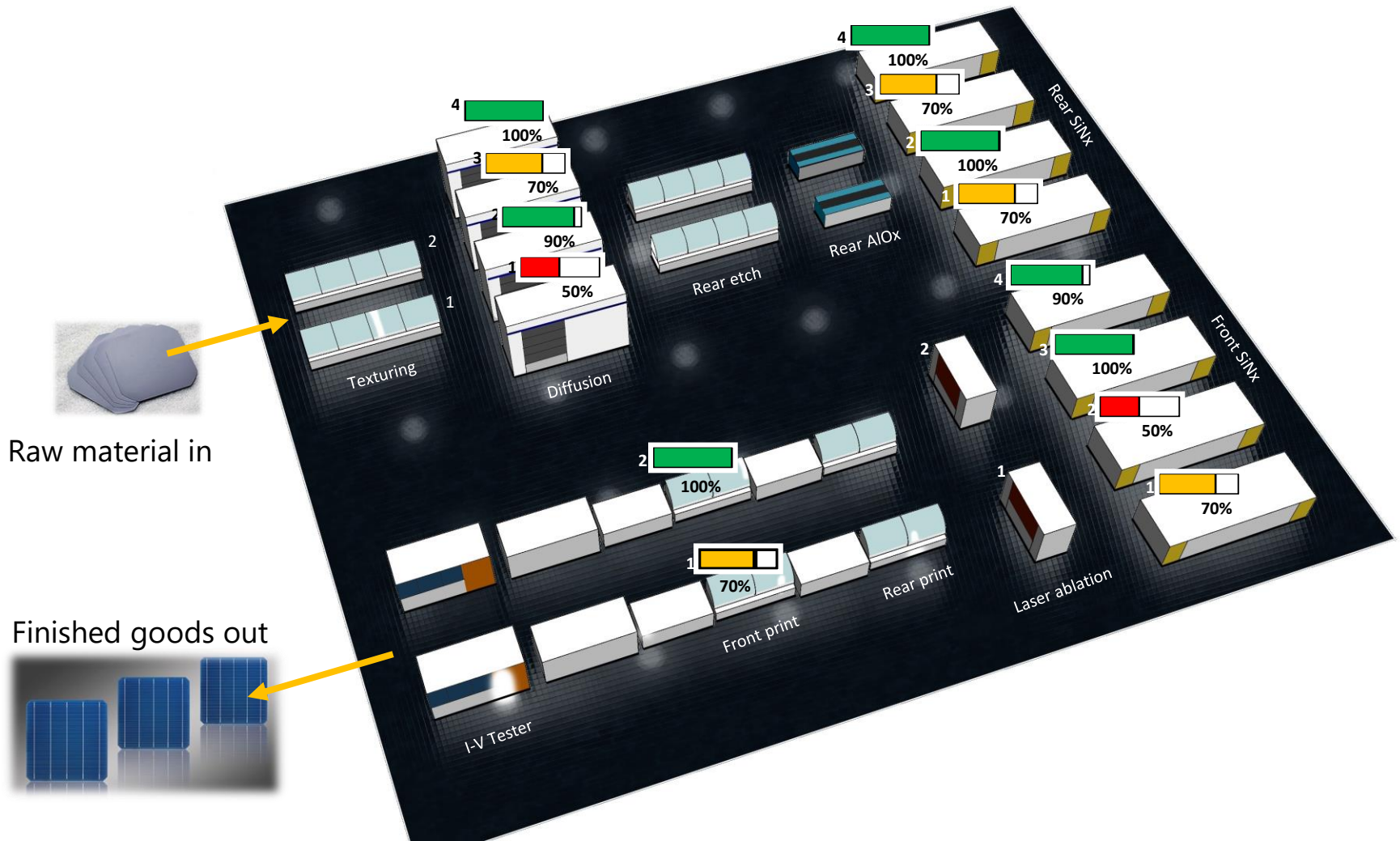


Insight™

The next step in Aurora's solution portfolio – GA H1'21

- **Proprietary tool evaluates big data - in real time - to troubleshoot and optimize solar cell production**
- Benefits
 - Pinpoint best-worst performing machines; identify best production routing ➡ ***fast yield and throughput maximization***
 - Laborious optimization experiments eliminated, testing automated
 - Ramp up of new production lines accelerated

Plant-wide view of performance



Insight market launch strategy

- A. Selective introduction and validation of Phase One Insight product
 - Two existing customers, selected on their capabilities and reputation
 - Define and develop the path to get customers to purchase Insight on a subscription basis
 - Integration of raw material “path tracking” through the plant, with data collection and basic analysis tools to allow users to locate and determine scope of yield problems or optimization opportunities
- B. Introduction and sale of Phase Two features to build value and Aurora revenue
 - Addition of features to determine manufacturing processes or cell design root causes of yield problems or optimization opportunities
 - Linkage of Aurora’s DM measurement systems for integration of real-time measurements with Insight’s production data analysis
 - Will be licensed by feature set, diversifying our recurring revenue stream
- C. Linkage of Aurora’s DM measurement systems for integration of real-time measurements with Insight’s production data analysis
 - Provide a complete “eco-system” for quality control
 - Additional recurring revenue through licencing of integration capability and hardware sale
- D. Development and marketing of new features in our WAVELABS strategic partnership

WAVELABS Partnership for Market Entry

- WVELABS is a major provider of end-of-line solar cell testers, driving more than 40 GW of solar cell production capacity globally
- Their LED-based technology is capable of specialized illumination of cells to provide information for use by Insight's most advanced features
- WVELABS will provide this specialized cell test functionality to be used in the advanced versions of Aurora's Insight product, and the companies will cooperate in the promotion, marketing and distribution of their respective products
- Partnership provides both companies the opportunity for co-marketing and the development of additional value-added features and functionality in their respective products to accelerate business growth
- A key step in Insight's path to market



Strong Aurora Solar Team

Gordon Deans, P. Eng., M. Eng.

CEO and Founder

Extensive leadership experience in new product development and market introduction, public company turnarounds with Nortel, Norsat, Omron Adept Automation

Wei Deng, MBA, M. Sc.

General Manager – Asia Pacific

30 years of global management experience in marketing, sales strategic planning, and investment in high-tech industries, including senior positions at Microsoft China, Librestream Technologies, and Norsat International.

Product team

- Experience: Creo/Kodak, Sierra Wireless, Alpha Technologies, Schneider Electric, others

Johnson Wong, Ph.D.

Chief Physicist

University of New South Wales, SERIS, Industry-recognized expert in solar cell physics and design. Co-inventor of "Griddler", a widely-used solar cell simulation product.

Board of Directors

John McNicol - Senior executive with proven track record of creating shareholder value

Kevin Dodds, CPA - Sr executive specializing in corporate, financing, operational matters in high-growth companies

David Toyoda, LLB- experienced securities legal and corporate organization expert

Gordon Deans – CEO and Founder

Equity Structure

Share price (November 30, 2020):	\$0.23
Market Cap:	\$26M
Common Shares: of which insiders and founding investors own:	115,304,225 ~18%
Warrants:	14,095,500 @ 0.15 expiring 5/12-03-21
Employee/Director Options:	6,685,000 (W/A \$0.105)
Fully Diluted:	136,034,725

Five reasons to own ACU shares

1. Large and growing addressable market
2. Building market presence in the largest solar market in the world – China
3. New Insight product targeted to set standard for quality management revolution within the solar industry
4. Globally recognized team in the solar industry, respected and influential
5. Strong leadership and Board with track record of creating value



Aurora

Solar Technologies

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