



# Aurora Solar Technologies

## *Make Your Solar Cells Better*

Corporate Presentation – January 2020

[www.aurorasolartech.com](http://www.aurorasolartech.com) TSX-V: ACU, OTCBB: AACTF, FRA: A82

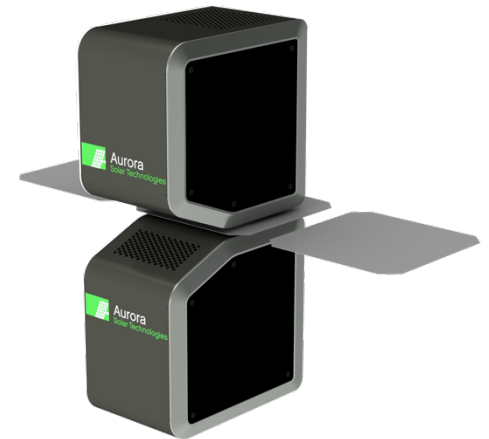


# Safe Harbour Statement

**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.

# 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



*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 100 systems sold  
50% Gross Margin  
Profitable last fiscal quarter



Sales/presence in largest  
global markets



\$450M market  
Manufacturing capacity  
growing over 20% per year



Validated  
by industry leaders



Positioned for growth  
Leading patented technology  
Industry-recognized team



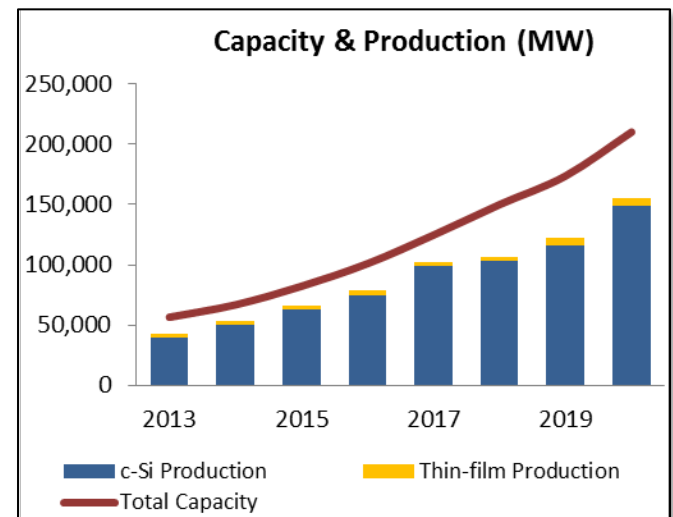
\$10M market cap  
Attractive investment as  
business executes to plan



# Our addressable market is large and rapidly growing

- Solar industry long-term growth at 25% CAGR
- Annual CAPEX for solar cell manufacturers > \$4.4 billion
- Of this, Aurora's addressable market > \$450 million

*Solar cell manufacturing growth*

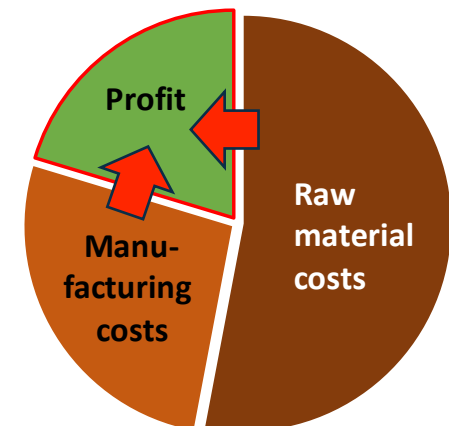
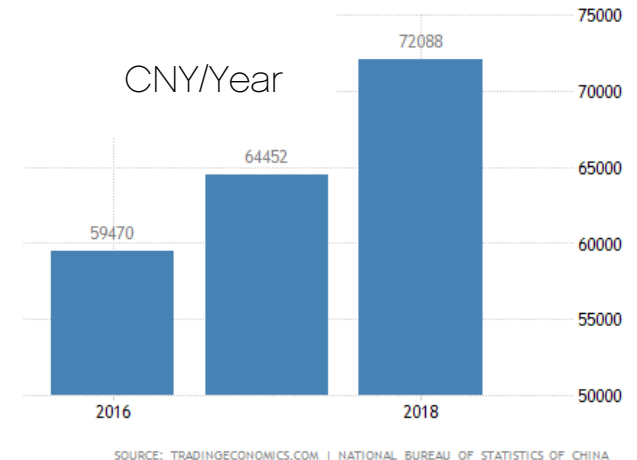


*Source: SolarMedia PV Manufacturing Quarterly Report, Sept 2019*

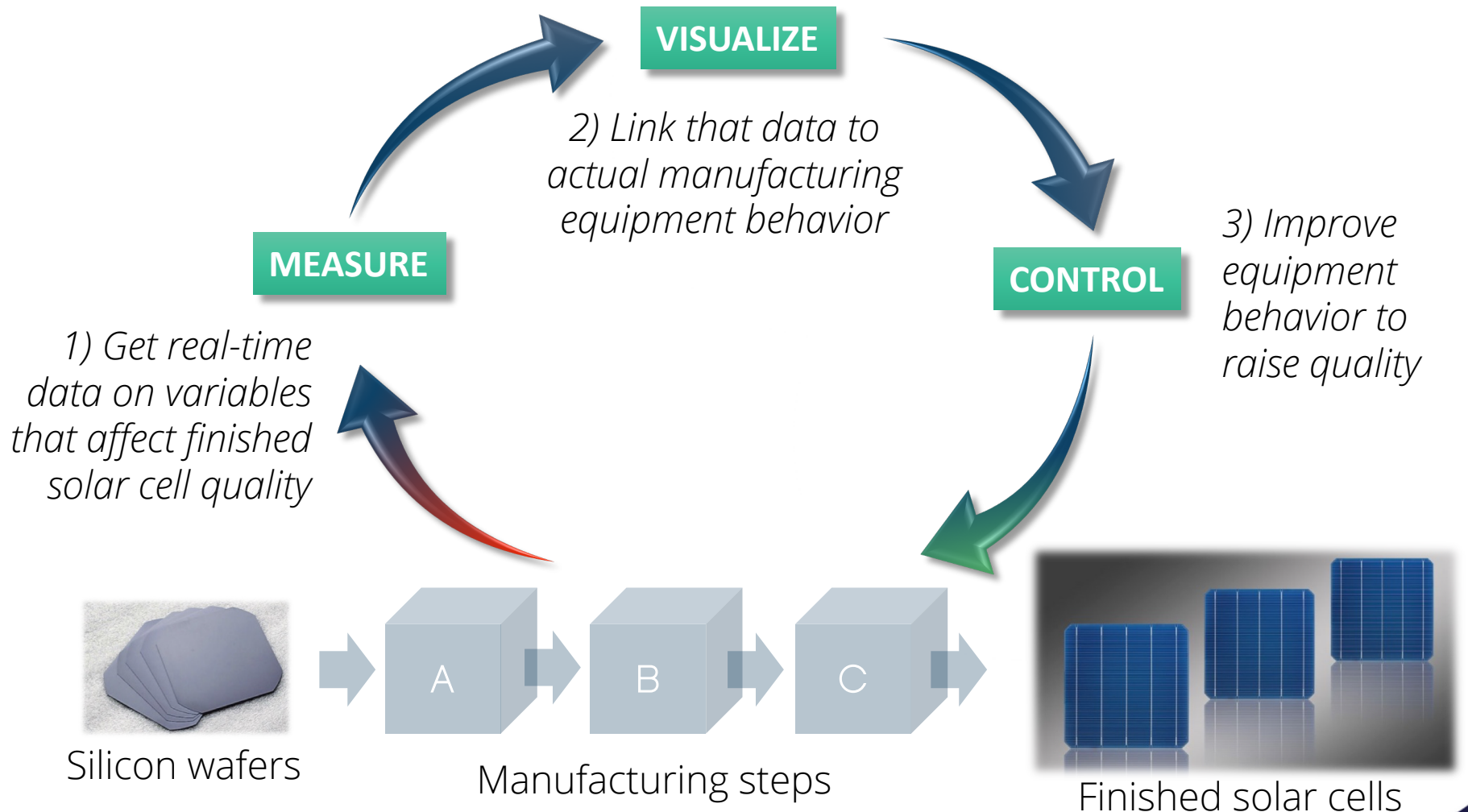
# Manufacturing Challenges Today

## Lost profit in manufacturing

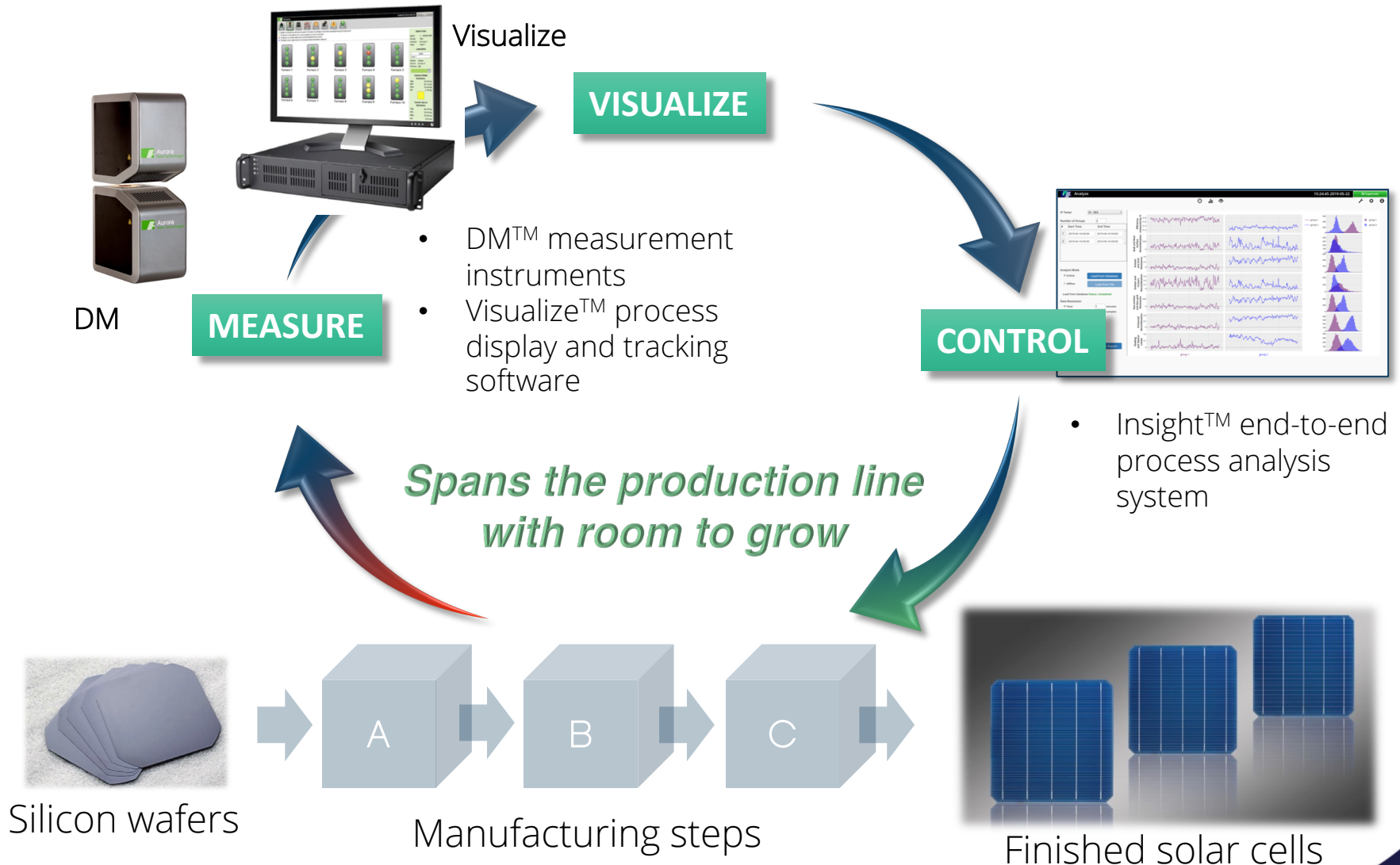
- Increasing labour costs due to turnover and rising wage rates
  - Now driving adoption of automated handling and inline measurement
- High raw material and processing costs relative to selling price



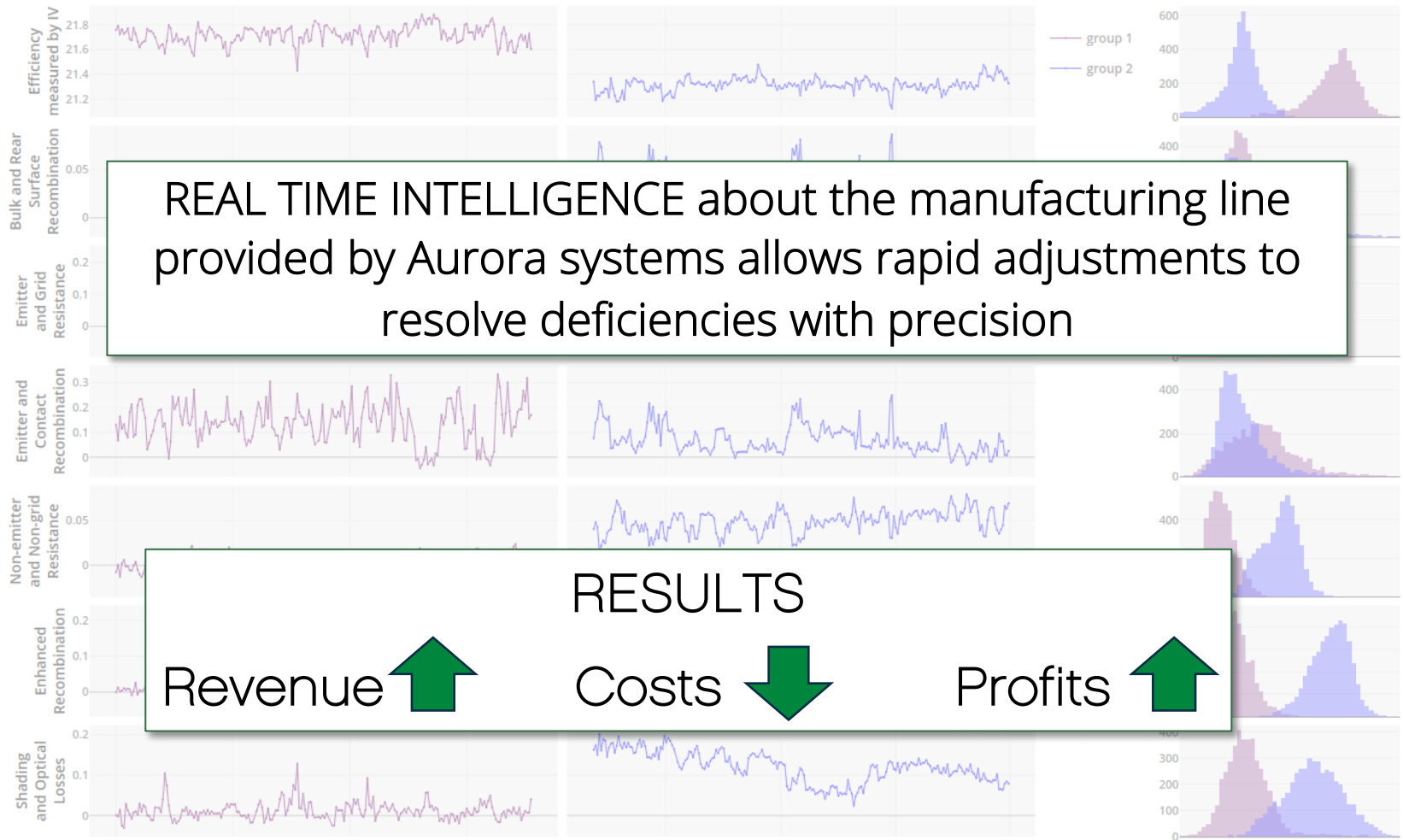
# A solution is needed to realize the efficiencies



# Aurora is THE solution



# Result

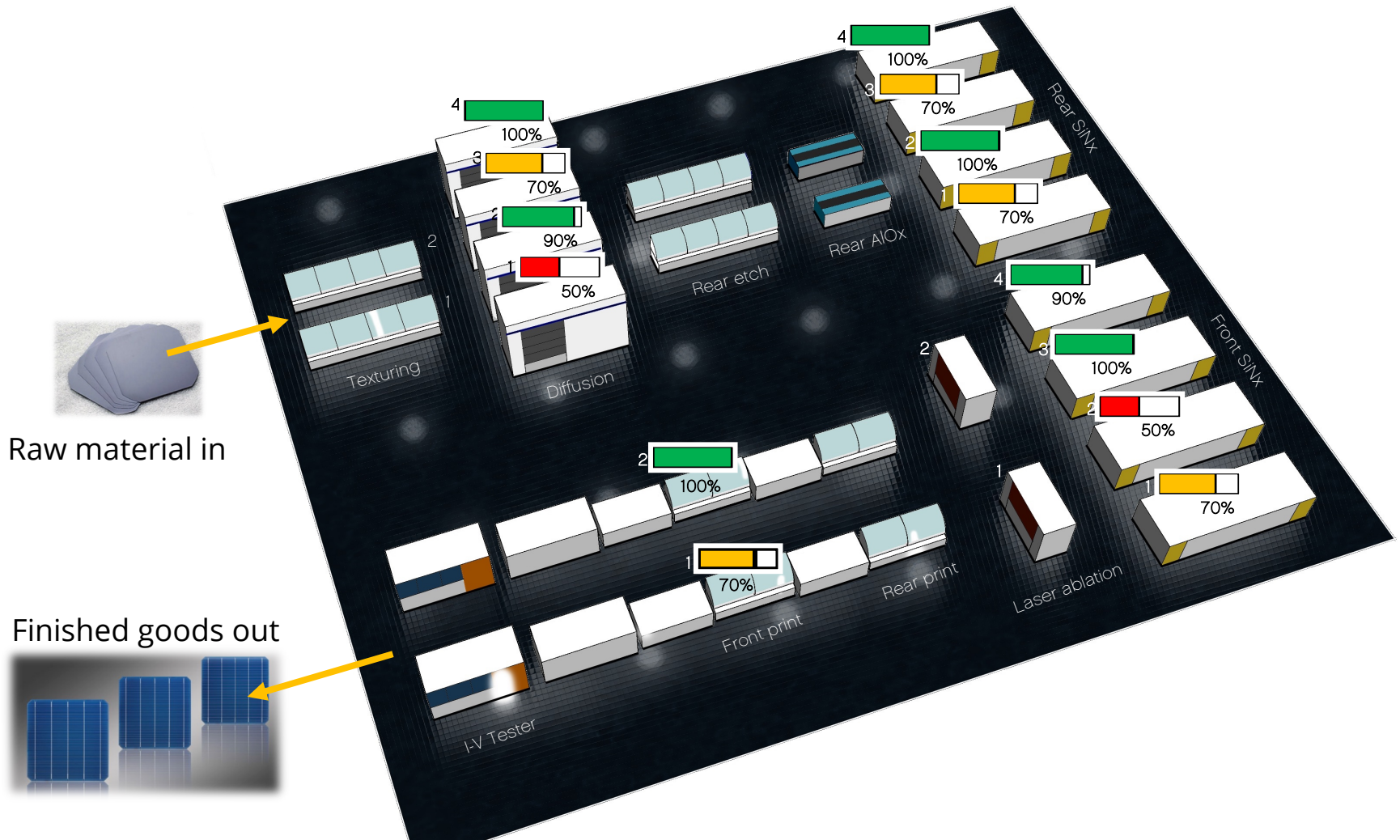


# Insight™

The next step in Aurora's solution portfolio – GA H2'20

- 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





# 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 Automation\*

**Steve McDonald, B.E.Sc.**

VP Business Development  
14 years experience in automation applications and sales at Omron Automation and Aurora

**Susan Pan, MBA, CPA**

Chief Financial Officer  
20+ years of international experience with Sinopec and Siemens Ltd. in China, and HTEC: Hydrogen Technology & Energy Corporation and Nano One Materials Corporation in Canada.

**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.

**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.

**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

*\*formerly Adept Technology, Inc.*

# Equity Structure

Share price (February 12, 2020):	\$0.12
Market Cap:	\$10.6M
Common Shares:	88,367,325
of which insiders and founding investors own:	25%
Warrants:	2,066,400 @ 0.075 expiring 11-15-20
Employee/Director Options:	5,605,000 (W/A \$0.106)
Fully Diluted:	96,763,725

# Five reasons to own ACU shares

1. Large and growing addressable market
2. Rapidly building sales in the largest solar market in the world – China
3. Dynamic, proprietary product roadmap to diversify and strengthen sales
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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