

# Our Mission

**Suniva's mission is to make solar sensible.**

**We make high-value solar cells and modules using U.S. based technology to address the world's energy needs.**



**American Innovation. American Jobs. American Leadership.**

# Who We Are

## ***Manufacturer of high-efficiency monocrystalline silicon PV cells and modules***

- ★ **High-Efficiency Cells:** 18% in production now; over 20% in laboratory; roadmap to over 20% in high-volume production by 2011
- ★ **High-Power Modules:** 245W, 60-cell panels currently available; 300W, 72-cell panels (in certification) made with 85% US content
- ★ **Made in the U.S.A:** All cell research, design and manufacturing is US-based
- ★ **Experienced MgmtTeam:** Solar >120 years; Business-3 IPO's, entity values near \$6 billion
- ★ **Top-Tier Customers:** Solon AG, Titan Energy Systems, Tenesol, Reliance, Helios, EPC's, Utility-scale plants – Exported 90% of 2009 production
- ★ **Manufacturing Capacity:** 100MW active, 70 MW expansion live 2Q 2010

***Headquarters:*** Norcross, Georgia (suburb of Atlanta)

***Incorporated:*** 2007

***Employees:*** Approximately 150

***Investor Backing:*** Warburg-Pincus, New Enterprise Associates (NEA), Goldman Sachs, H.I.G. Ventures, Advanced Equities, and others



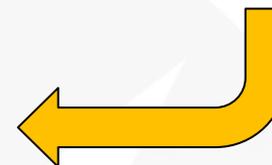
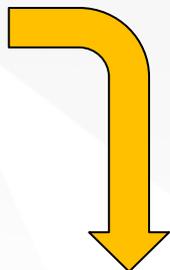
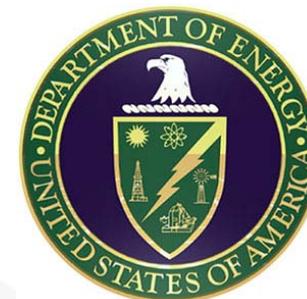
# Our Heritage: *Deep Roots in PV Technology*

**Dr. Ajeet Rohatgi,  
Founder and CTO**

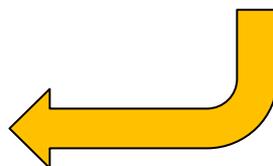
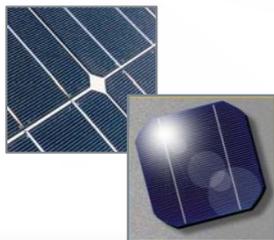
- 15 world-record cells
- 42 patent families
- 400+ Publications
- Westinghouse Engineering Achievement Award (85)
- IEEE Cherry Award (03)
- NREL Rappaport Award (03)
- 5 most influential in Renewable Energy (08)
- Collaborated with almost all silicon PV manufacturers



**1985:  
Photovoltaic  
Program  
Established**



**1992: University Center of  
Excellence Established**



**2007: Suniva Founded**

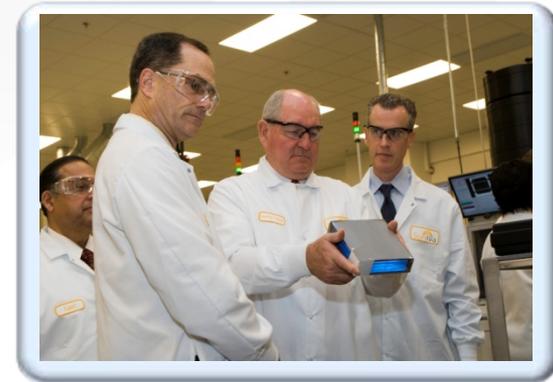
# Manufacturing Capacity & Expansion Plans

## 100,000 Square Solar Cell Factory and Headquarters in Norcross, GA

- ✦ First production line operational October 2008 (32MW initial capacity)
- ✦ Current capacity 100MW, adding 70MW in Q2 2010- adding jobs
- ✦ Over 170MW capacity by 2Q 2010 on three Norcross production lines

## Future Expansion: Michigan and ROW

- ✦ Plan to construct 400MW mfg
- ✦ \$250M Capital Investment – 500 direct jobs, 2,100 indirect jobs
- ✦ 200K sq. ft. manufacturing facility on 40 acres
- ✦ 1 GW by 2015



# Implementation: The world gets Powered by Suniva™

1MW+ roof top on Thyagaraja stadium, New Delhi

3MW grid connected solar farm (India's largest), Karnataka



1.25MW Solar Farm (India's first grid-connected), West Bengal



Rooftop installation, Italy



*Ex-Im Bank through direct project financing and the short term insurance program are important to our continued Export success (90% of production was exported in 2009)*

# Solar USA: Reclaiming American Leadership

***“We know the country that harnesses the power of clean, renewable energy will lead the 21st century. And yet, it is China that has launched the largest effort in history to make their economy energy efficient. We invented solar technology, but we’ve fallen behind countries like Germany and Japan in producing it...”***

***Well I do not accept a future where the jobs and industries of tomorrow take root beyond our borders – and I know you don’t either. It is time for America to lead again. ”***

***- President Barack Obama, February 24, 2009***



- ★ End-to-End American Quality
- ★ Job Creation for American Workers