



SOLAR / EV / BATTERY / HYDROGEN

# SPI ENERGY CO., LTD.

NASDAQ TICKER: SPI

A RENEWABLE ENERGY COMPANY

INVESTOR PRESENTATION

# SAFE HARBOR DISCLAIMER

This presentation contains certain “forward-looking statements” relating to the business of the Company, its subsidiaries and the industries the Company operates in. Such forward-looking statements can be identified by the use of forward-looking terminology such as “believes”, “expects” or similar expressions. The forward-looking statements contained in this presentation include statements regarding the Company’s ability to execute its growth plan and meet revenue and sales estimates, and market acceptance of its products and services. These statements involve known and unknown risks and uncertainties, including, but not limited to, general business conditions, managing growth, and political, regulatory and other risks. All forward-looking statements are expressly qualified in their entirety by this Cautionary Statement and the risks and other factors detailed in the Company's reports filed with the U.S. Securities and Exchange Commission. The Company undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required under applicable securities law.



Smart Power to Innovate a  
**Renewable  
Green World**



# EXECUTIVE SUMMARY

## **SPI Energy**

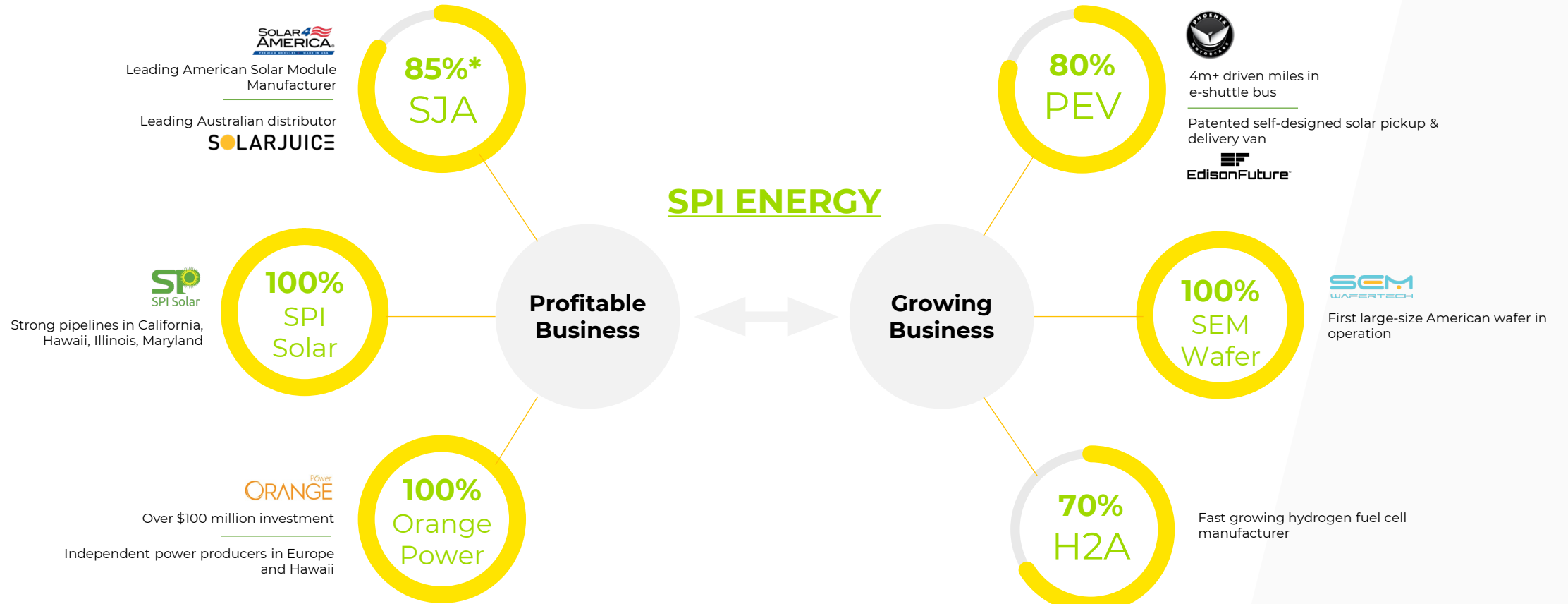
- NASDAQ TICKER: SPI -

is a Renewable Energy Company

Established at Roseville, California in 2006.

Now Headquartered at McClellan Park, California.

# BUSINESS PORTFOLIO CHART



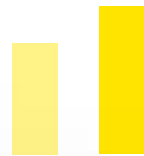
\* After Solarjuice Co., Ltd. Complete its IPO, SPI expects to have over 85% ownership



# OUTLOOK IN 2023

## REVENUE IN 2022

**\$177 million**



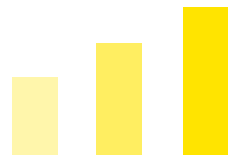
## PROJECTED IN 2023

**\$250 – \$300 million**

Revenue

**\$29 – \$36 million**

Net profit



## GROWTH DRIVEN FACTORS

- **Solar4America**, with currently 700MW capacity, expects to reach **2.4GW in 2023**
- **Australia distribution business** continues to grow in **APAC region**
- **SPI Solar's** strong project pipelines expect to improve **profitability**
- **Orange Power** business (IPP) continue to make significant revenue
- **SEM Wafertech** expects **to have** its newly established facility with **1.5GW capacity**

# INVESTMENT HIGHLIGHTS

- I Strong Revenue **Growth with Profitable Earning Expectation**
- II IRA policy in **U.S.** and other provisions **boosting the global Renewable energy market**
- III Well-positioned Renewable Energy Portfolio in **Solar, Electric Vehicle, and Hydrogen Sectors**
- IV **Strong & growing solar** project pipelines in USA and **Consistent cashflows** from the operating assets
- V Strong equity value created from pure play spined off subsidiaries, including **Phoenix Motor** (Ticker: PEV), **SolarJuice** (Ticker: SJA), IPP business, **Orange power** (In process to do Spin-off IPO)
- VI **1<sup>st</sup> Large-size leading technology solar wafer manufacturing** facility set up in U.S. (**SEM Wafertech**)
- VII **Diversified and in deep industry experienced** international management team

# SOLARJUICE

***SPI expects to own over 85% of Solarjuice Co., Ltd. after its IPO***

SOLARJUICE



— **American Solar Module** Manufacturing (D.B.A Solar4America)








**LOCATION**

McClellan Park, CA





## Solarjuice Australia Wholesales (D.B.A Solarjuice. Au) | LOCATION Sydney, Australia

INVERTER	BATTERY	PANEL		BOS, EV CHARGERS & MOUNTING
   OpalSwitch 	POWERWALL  SUNGROW	  Trinasolar  LONGi	  SOLAR AMERICA  OpalSolar	OpalSolar  wallbox 

For more information, visit <https://solarjuice.com.au/>

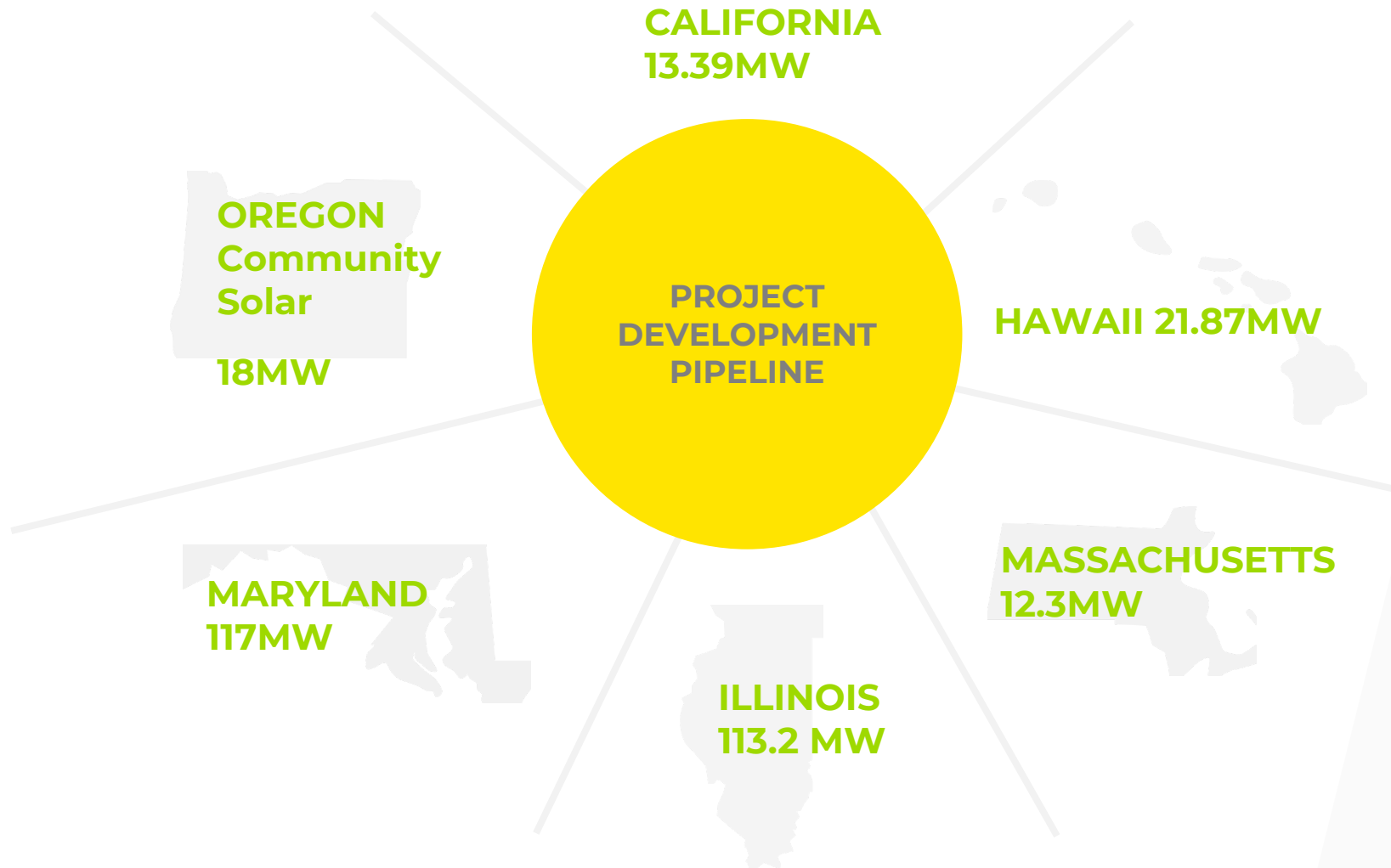
## Solarjuice American Roof and Solar Installation (D.B.A. Roof4America) | LOCATION Livermore, CA



For more information, visit <https://www.solarjuiceamerica.com/>

# PROJECT DEVELOPMENT BUSINESS

(D.B.A. SPI Solar)



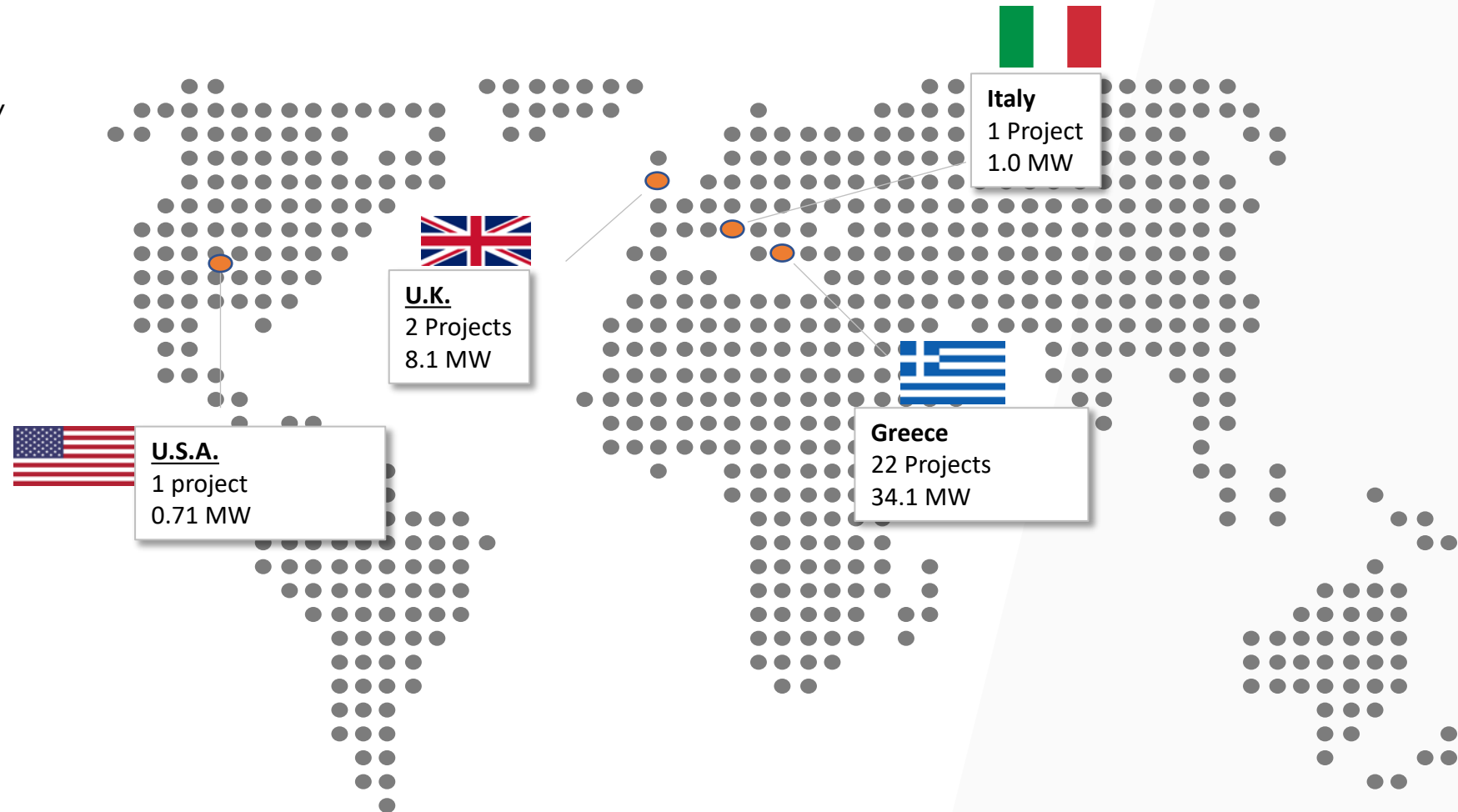
# IPP ELECTRICITY SALE BUSINESS

(D.B.A. Orange Power)

LOCATION  
Europe & USA



- **Orange Power** is a pure play independent power producer (IPP)
- Has made **over \$100m investment** in Greece, UK, Italy and U.S.
- Generates **stable operating cash flows** per year
- **43.84 MW** capacity in operation





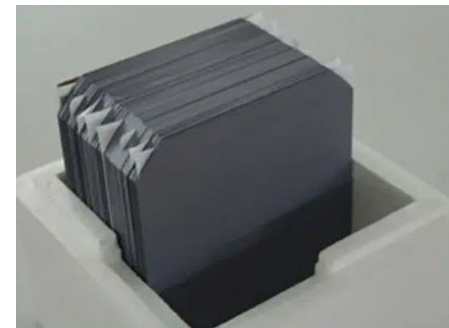
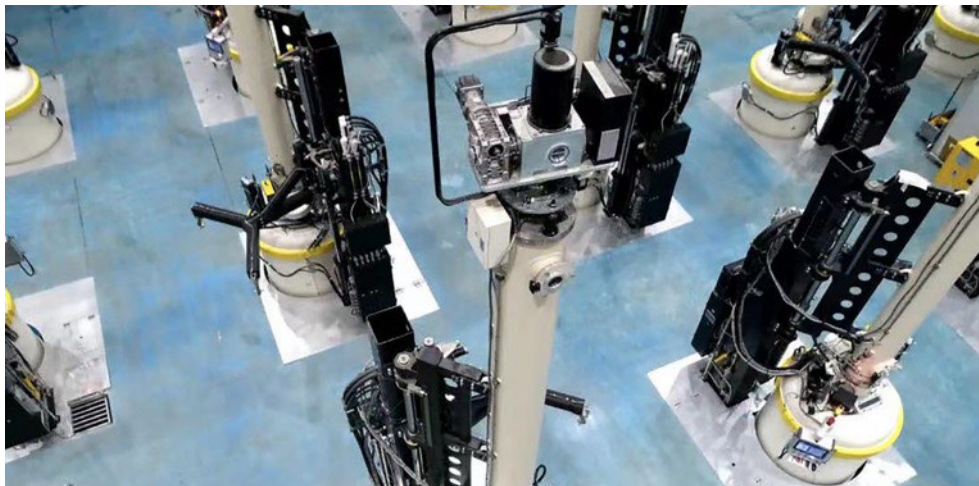
# AMERICAN SOLAR WAFER MANUFACTURING BUSINESS

(D.B.A. SEM Wafertech)

LOCATION  
Sumter, SC



- SEM Wafertech is aimed at producing American made solar wafers
- To be the first large sized silicon wafer facility set up in the United States in nearly a decade



# PHOENIX MOTOR EV BUSINESS

(D.B.A. Phoenix Motorcars)

LOCATION

Anaheim, CA



***SPI owns 80% of Phoenix Motorcars (Nasdaq Ticker: PEV)***





# GREEN HYDROGEN & FUEL CELL BUSINESS

("Altergy Assets" D.B.A. H2America) | **LOCATION**  
Folsom, CA

Newly established H2America Inc. focus on the technology development & production of **Green Hydrogen and Fuel cells**





# OTHER INVESTMENT BUSINESS

SPI has also made several early-stage investment

- i. Electric scooter, dba Zoomers
- ii. Solar powered data mining, dba Umining
- iii. Solar powered agriculture including Alfalfa & Hemp CBD



# MANAGEMENT TEAM



**Denton Peng**  
*CHAIRMAN & CEO*

- One of the Pioneers & Entrepreneurs in Renewable Energy industry
- Led several NYSE & NASDAQ public companies
- Two decades experience in solar, battery storage, EV and EV charging
- Graduated from Beijing University Guanghua School of Management with an executive MBA degree



**Hoong Khoeng Cheong**  
*COO*

- Ex-Chairman of the Management Board and Chief Executive Officer of a publicly-listed company
- Three decades of engineering and operation experience in the solar and electronics industries
- Master of Science in computer integrated manufacturing from Nanyang Technological University, Singapore



**Janet Chen**  
*CFO*

- 20 years experience in auditing, accounting, reorganizations, mergers & acquisitions, IPOs, and SEC reporting
- Experienced in US GAAP financial and internal control advisory services, member of CICPA and FCCA
- Bachelor degree in accounting from Shenzhen University



**Kevin White**  
*VP OF SOLAR DEVELOPMENT*

- Over a decade of experience in Renewable Energy Industry
- Former M&A and EPC for Panasonic's Eco Solutions
- Led \$900MM of renewable energy projects across the US since 2010
- MBA with focus in Renewable Energy



**Jack Lee** (Singapore)  
*VICE PRESIDENT OF GLOBAL PROJECT DEVELOPMENT*

- Experience in electrical and infrastructure industries over last 25 years
- Manager in energy, industry infrastructure project/maintenance, PV construction
- Led project transaction with numerous successful deals and project financing in Southeast Asia, the UK and the US



**Vassilis Orfanos** (Greece)  
*VICE PRESIDENT OF EUROPEAN ASSETS MANAGEMENT*

- Two decades as technical consultant at Th. Vassilakis Group of Companies (authorized repairer for AEGEAN Airlines, HERTZ, SEAT, SAAB, OPEL, FORD)
- Construction and Operation Management of SPI in Greece for last decade, managing 34MWp solar projects

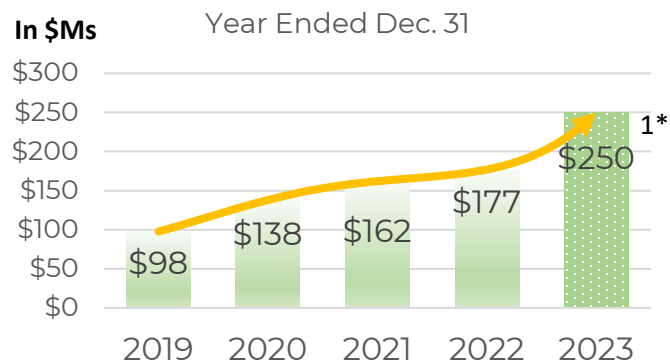


**Gaia** (Italy)  
*COUNTRY MANAGER*

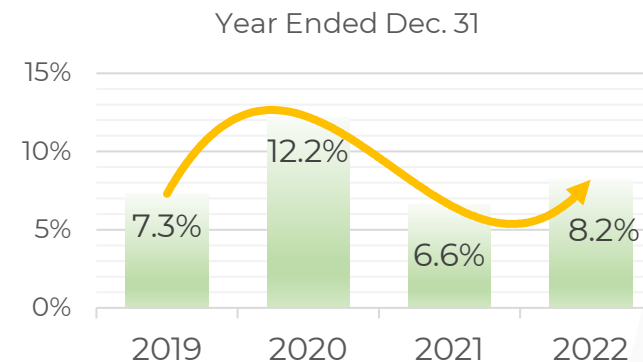
- A decade of experience in management of PV assets in Italy and Europe working for top Chinese investors.
- Currently managing 16.5 MW of pipeline in Italy, U.K. and Greece for SPI.

# KEY FINANCIALS

## REVENUE



## GROSS MARGIN



## OPERATING INCOME



## NET PROFIT

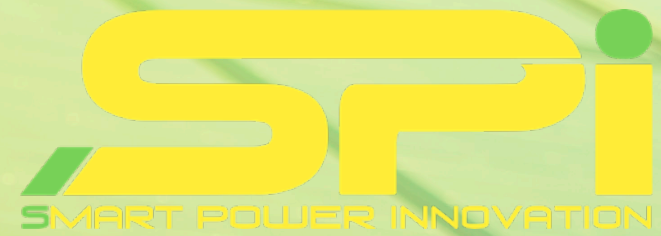


1\* Pattern filled columns reflects the projected revenue of \$250 - \$300 million in 2023



# INVESTMENT HIGHLIGHTS RECAP

- I** Strong Revenue **Growth with Profitable Earning Expectation**
- II** IRA policy in **U.S.** and other provisions **boosting the global Renewable energy market**
- III** Well-positioned Renewable Energy Portfolio in **Solar, Electric Vehicle, and Hydrogen Sectors**
- IV** **Strong & growing solar** project pipelines in USA and **Consistent cashflows** from the operating assets
- V** Strong equity value created from pure play spined off subsidiaries, including **Phoenix Motor** (Ticker: PEV), **SolarJuice** (Ticker: SJA), IPP business, **Orange power** (In process to do Spin-off IPO)
- VI** **1<sup>st</sup>** Large-size leading technology **solar wafer manufacturing** facility set up in U.S. (**SEM Wafertech**)
- VII** **Diversified and in deep industry experienced** international management team



## INVESTOR PRESENTATION

### Headquarters

4803 Urbani Ave, McClellan Park, CA 95652

[www.spigroups.com](http://www.spigroups.com)

**Denton Peng**  
Chairman & CEO  
[denton.peng@spigroups.com](mailto:denton.peng@spigroups.com)

**Dave Gentry**  
CEO RedChip Companies  
[dave@redchip.com](mailto:dave@redchip.com)