RECSiLICON

MOSES LAKE ROTARY CLUB

March 26, 2024

DISCLAIMER

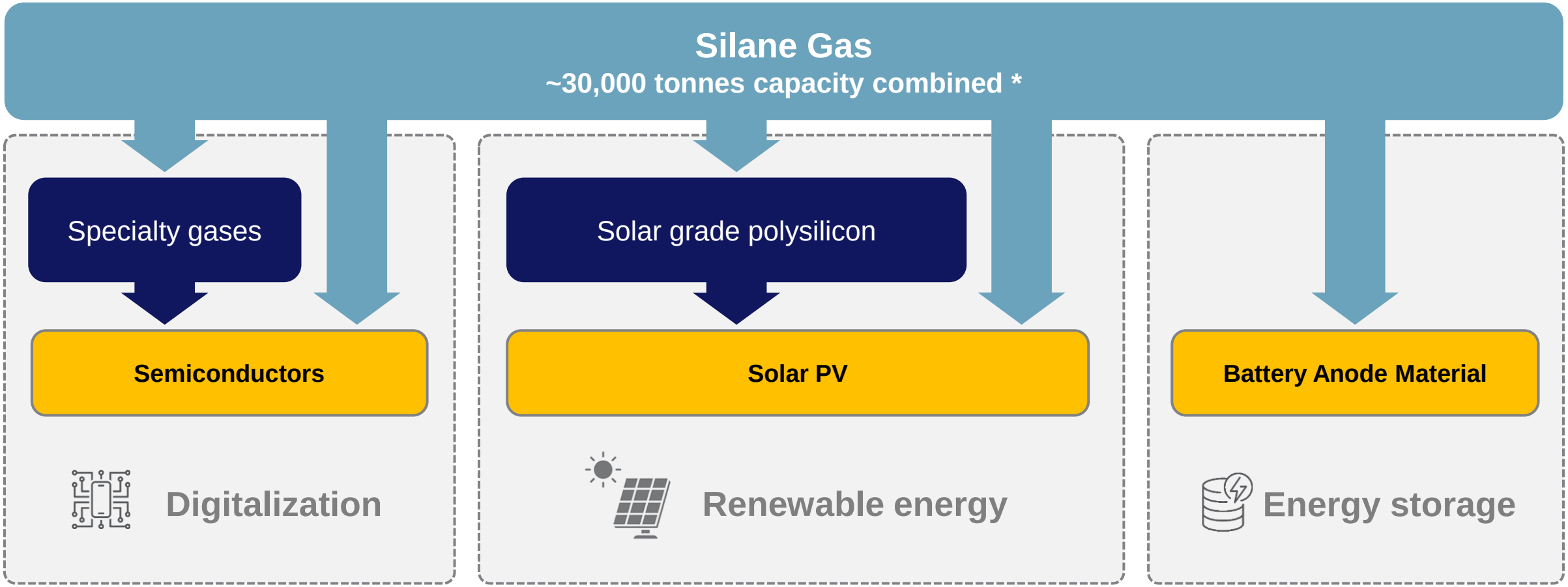
This presentation includes and is based, inter alia, on forward-looking information and statements that are subject to risks and uncertainties that could cause actual results to differ. These statements and this presentation are based on current expectations, estimates and projections about global economic conditions, the economic conditions of the regions and industries that are major markets for REC Silicon ASA's (including subsidiaries and affiliates) lines of business. These expectations, estimates and projections are generally identifiable by statements containing words such as "expects", "believes", "estimates" or similar expressions. Important factors that could cause actual results to differ materially from those expectations include, among others, economic and market conditions in the geographic areas and industries that are or will be major markets for REC Silicon ASA's businesses, energy prices, market acceptance of new products and services, changes in governmental regulations, interest rates, fluctuations in currency exchange rates and such other factors as may be discussed from time to time in the presentation. Although REC Silicon ASA believes that its expectations and the presentation are based upon reasonable assumptions, it can give no assurance that those expectations will be achieved or that the actual results will be as set out in the presentation. REC Silicon ASA makes no representations or warranties, expressed or implied, as to the accuracy, reliability or completeness of the presentation, and neither REC Silicon ASA nor any of its directors, officers or employees will have any liability to you or any other persons resulting from your use.

Information contained herein will not be updated. The following slides should be read and considered in connection with the information given orally during the presentation.

REC Silicon ASA shares have not been registered under the U.S. Securities Act of 1933, as amended (the "Act"), and may not be offered or sold in the United States absent registration or an applicable exemption from the registration requirements of the Act.


REC SILICON IS A SILICON MATERIAL COMPANY PROVIDING ENABLING MATERIALS FOR THE GREEN ENERGY TRANSITION
RECSiLICON

EXPOSURE TO ENERGY TRANSITION MEGATRENDS



* From 2025 and onwards

REC SILICON FEATURES

- **Largest supplier of silane outside China**
- **Low-cost, low-carbon PV-poly producer**
- **Strong position with leading semi-players**
- **Largest Silane Module container fleet**
- **Immediate silane capacity available for anode material**

Moses Lake

- 24,000 MT silane gas capacity
  - Prime high-purity granular polysilicon capacity - 16,000 MT
  - ~ 2,400MT silane for merchant sales
- Risk mitigating offtake contract
- Low energy – low cost and conflict-free

Butte

- 7,400 MT Silane gas capacity
  - High purity Float Zone polysilicon phasing out
- Silicon gases
  - Production expansion for DCS (3x)
  - Ongoing loading/container expansion for high value silicon gases

THE BUSINESS OPPORTUNITY

SILANE-BASED INDUSTRIES FACING DISRUPTIVE CHANGES

- **China dominance**
- **High-emission energy**
- **Political risks**
- **ESG issues**

- **Investments moving from Asia to the US**
- **Support from US legislative initiatives**

- The CHIPS & Science Act 2022
- Inflation Reduction Act 2022
- Uygur Forced Labor Prevention Act 2021
- Infrastructure Investment & Jobs Act 2021

- **Strong political and regulatory push**
- **Low-emission energy**
- **Supply chain geographical diversification**
- **End-user proximity**
- **Tech war**

USD 2 TRILLION OF RELEVANT US LEGISLATIVE INITIATIVES

Key initiatives

Inflation Reduction Act 2022 (USD 500 bn)

- USD 394bn to clean energy and climate change (tax credits, grants and loan guarantees)
- Aims to boost investments in US manufacturing capacity

Bipartisan Infrastructure Law 2021 (USD 1.2trn)

- USD 15bn to EV charging infrastructure, buses and transit

The CHIPS Act 2022 (USD 280bn)

- Reduce reliance on overseas supply chains for semiconductors
- USD 50bn to expand US production of mature and advanced semiconductors

The Uygur Forced Labor Prevention Act (2022)

- Prohibits imports of goods produced in the Xinjian region or by certain Chinese entities

REC Silicon benefits

High purity granular polysilicon to the solar PV industry

- USD 3/kg in manufacturing tax credits for REC Silicon (Moses Lake)
- Full slate of incentives available for developers if 100% US supply chain
- Manufacturing tax credits for wafer, cell and module producers
- Low carbon focus
- Significant increase in demand from the solar industry (> 3x 2023 – 2030)
- Investment in ingot/wafer production capacity

Silicon Gas

- Investments in US semiconductor production
- Investments in US Si-Anode material production
- Investments in US PV Cell production

SEMICONDUCTOR MARKET

Trillion dollar industry by 2030

- 7% annual growth towards 2030
- 75% of growth from automotive electronics, wireless communication and computing/data storage
- US market accounts for 34% of current demand

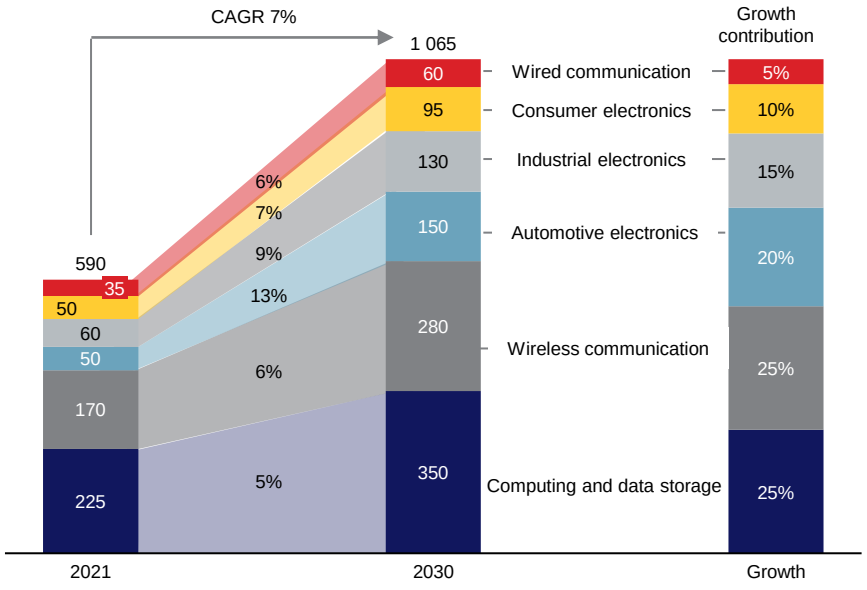
Manufacturers struggling to go green

- Strong net zero pledges among all major players
- Lack of realistic clean energy options for growth among Taiwanese and South Korean producers
- US has some of the largest access to renewable energy, to be increased further by the IRA Act

Taking back supply chain control

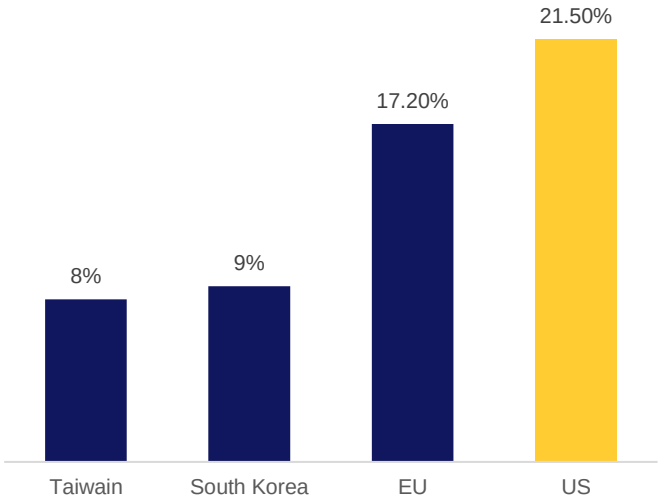
- Strong US reliance on semiconductor imports
- CHIPS Act main motive to re-shore production and reduce supply/demand gap
- USD 200bn of chip manufacturing investments already announced

Semiconductor 2030 outlook



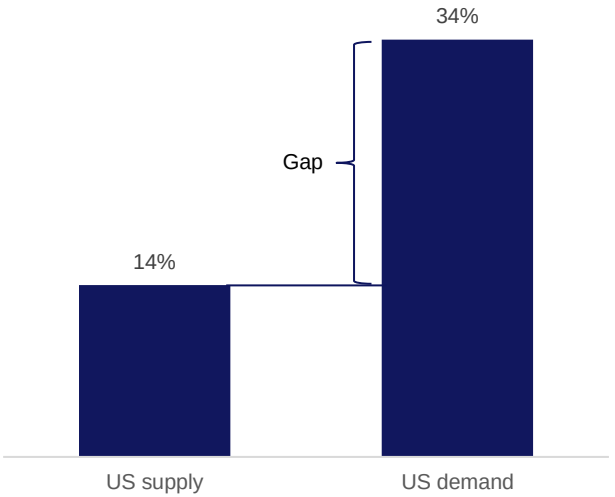
Source: McKinsey & Company

Renewables share of energy mix in 2022



Source: FT, Korea Electric Power Corp, Taiwan Bureau of Energy, US EIA, Eurostat

Semiconductor market balance 2021



Source: McKinsey & Company

PV MARKET

Strong impact from IRA already

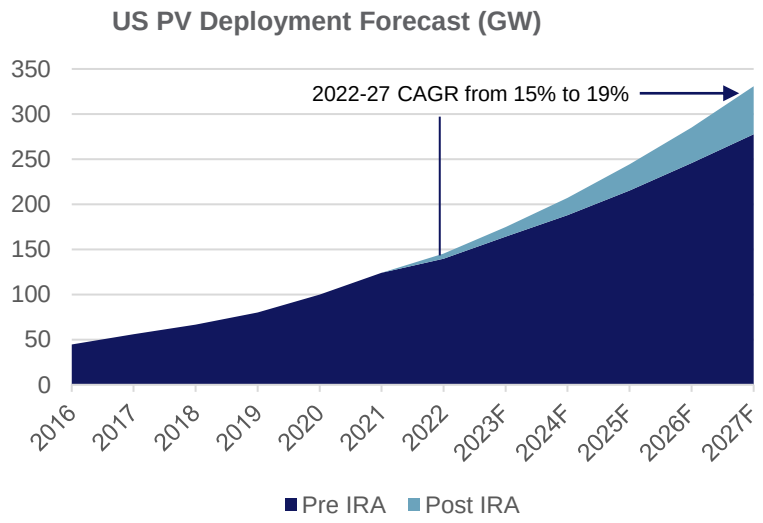
- 35% increase in expected installations in 2022-27 from the introduction of the IRA
- USD 100 bn of investments already announced from companies in the US, Asia and Europe
- Full impact throughout the US value chain

Value chain explosion

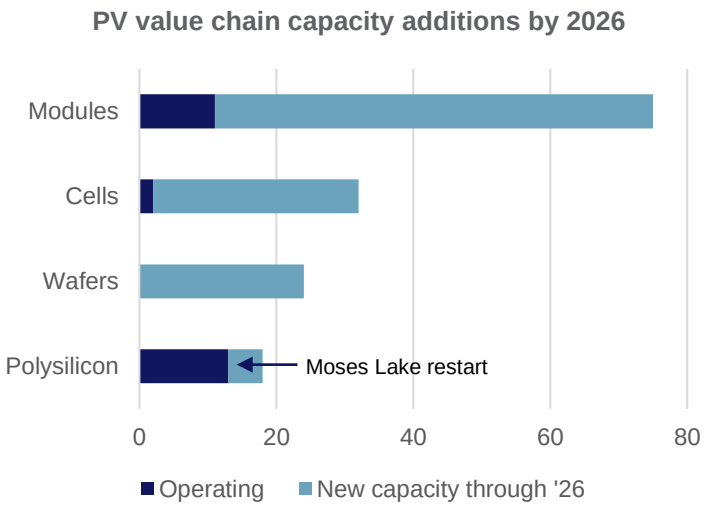
- Limited existing value chain for PV in the US
- Significant expansion is required, and announced for major value chain components
- REC Silicon has the only announced expansion of the solar grade polysilicon capacity (Moses Lake)

The quest for low cost and low carbon

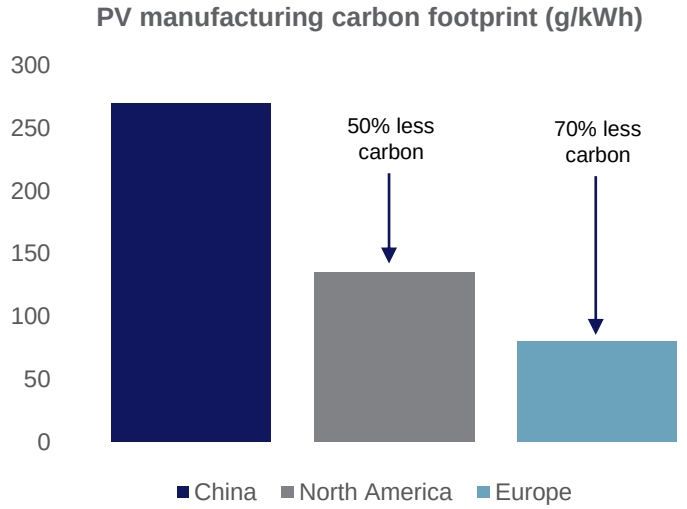
- Strong demand from end users and module producers for low carbon PV supply chain
- Moses Lake has ~ 70% lower carbon intensity than traditional polysilicon which is ~40% of total PV carbon footprint
- With IRA incentives, Moses Lake is also competitive with Chinese producers on a cost per kg basis



Source: SEIA, Wood Mackenzie



Source: Rystad Energy



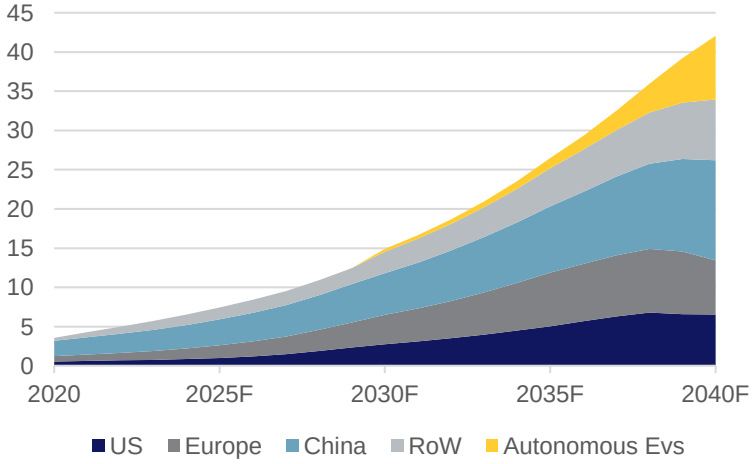
Source: The Ultra Low Carbon Solar Alliance

SILANE GAS

Electric mobility growth

- Global EV sales expected to grow 13% p.a. 2020-40
- Silane gas has strong potential as anode material in mobility battery storage
- Mobility growth also positive for semiconductor and electronics industries

Global EV Sales Forecast (mill units)

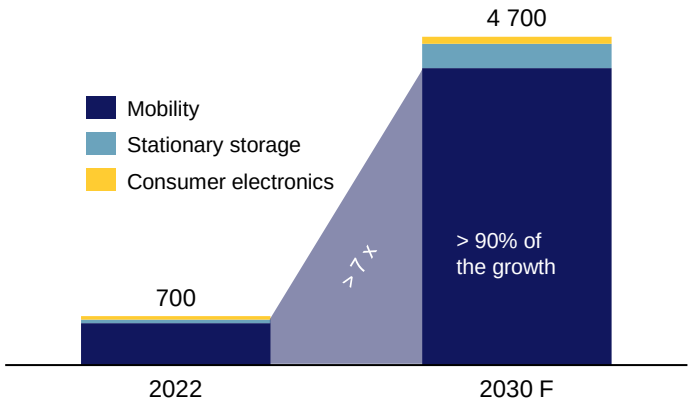


Source: IES

Driving battery storage growth

- Global battery storage demand expected to grow nearly 7x from 2022 to 2030
- Battery storage demand for mobility is set to account for more than 90% of the growth
- Battery storage demand in the US set to outpace Chinese growth with 26% p.a.

Li-ion battery demand (GWh)

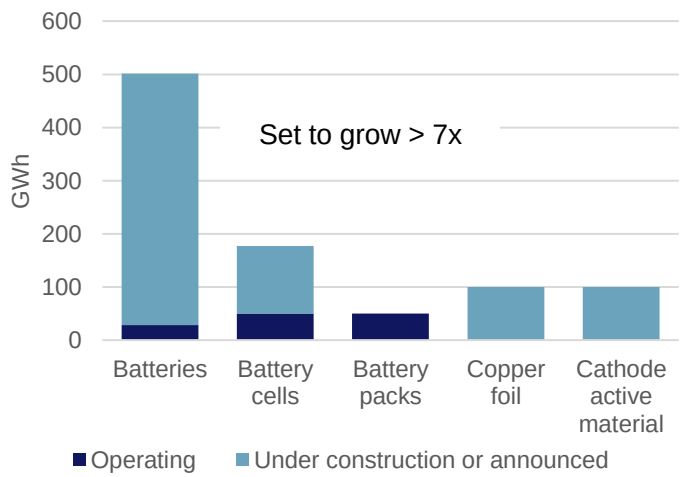


Source: McKinsey & Company

US supply chain response

- China dominates the battery markets
- Substantial initiatives in IRA has been met with rapid response
- Battery storage supply chain in the US set to grow more than 7x, driven by mobility and utility scale storage demand

US battery storage supply chain



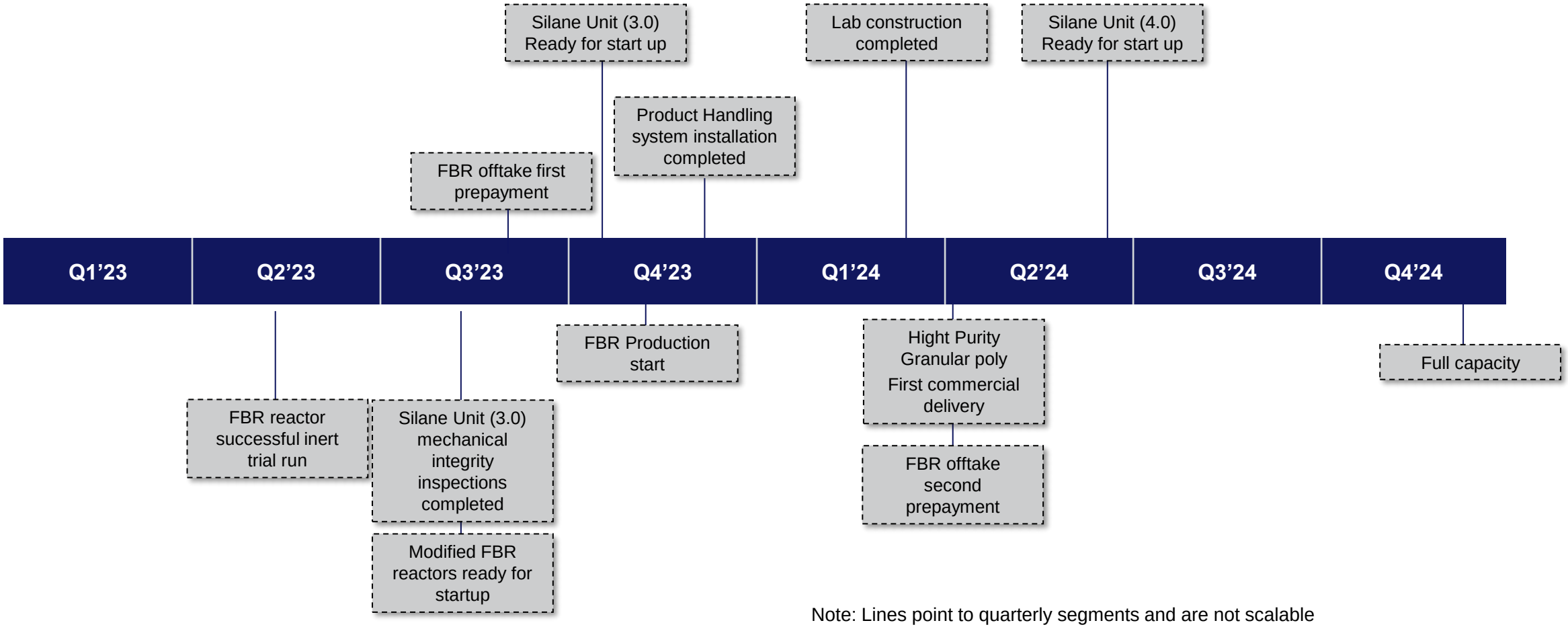
Source: SEIA

ACTIVITY UPDATE

ACCOMPLISHMENTS

What we've said	What we've done	Status
› Refinance $110M bond	› Corporate debt financing $110M, April 2023	✓
	› $30M one-year bank loan facility, June 2023	✓
› Financing of Moses Lake restart and Butte investments	› $100M three-year term loan agreement, July 2023	✓
	› $40M term loan, September 2023	✓
	› Received the first tranche of prepayments under offtake contract	✓
› Secure long-term corporate funding	› Second tranche of prepayments and first commercial delivery	Ongoing
› Secure sustainable operation for Moses Lake	› Signed 10-year offtake contract	✓
› Moses Lake restart	› Modifications	✓
	› Installations	✓
	› Testing and recommissioning	✓
	› Production start	✓
	› Production ramp-up	Ongoing
› Butte capacity expansions	› DCS capacity expansion	✓
	› Silane gas loading capacity expansion	✓
› Yulin JV	› Sold 15% equity stake $136M	✓
› Address Butte energy situation	› Entered short-term hedging contracts	✓
	› Discontinue polysilicon production	Ongoing

THE MOSES LAKE RESTART PROCESS



Note: Lines point to quarterly segments and are not scalable

BUTTE RESTRUCTURING

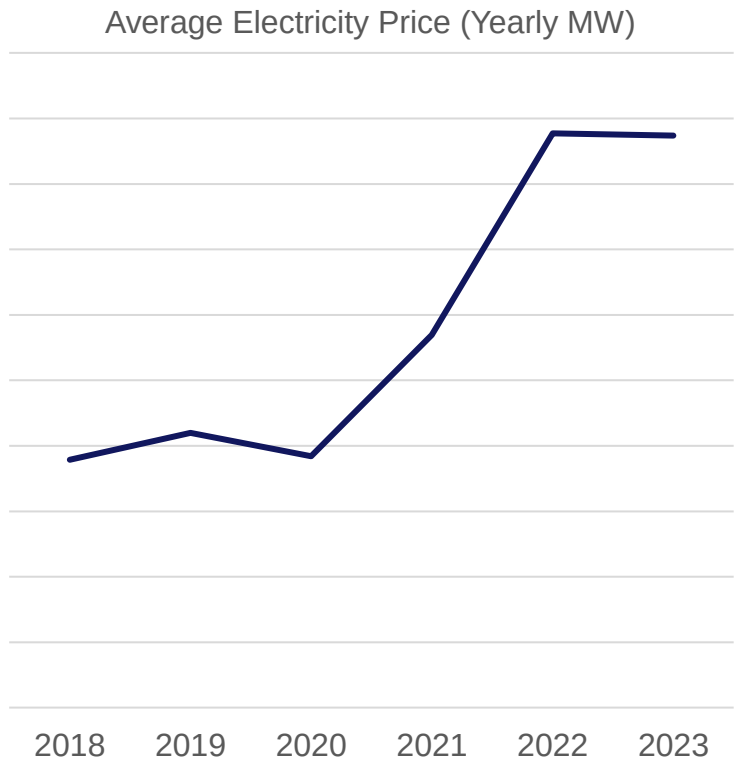
Capacity expansion and optimization

- DCS expansion
- Increased silicon gas container fleet
- Optimizing silane gas utilization
- Hi-grading product portfolio, focusing on profitable specialty gases

EG Poly shutdown

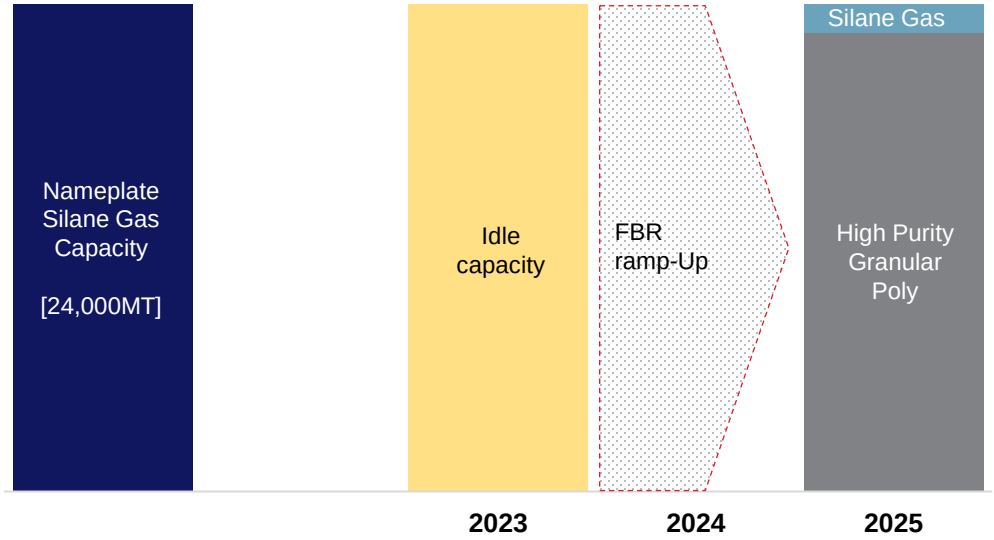
- Addressing the regional imbalance in supply and demand for electricity
- Lower energy consumption
- Accretive to the bottom line
- Reduce costs by USD 15-30M/year
- Ensure profitable operations
- Reduce GHG emissions

Unsustainable energy situation



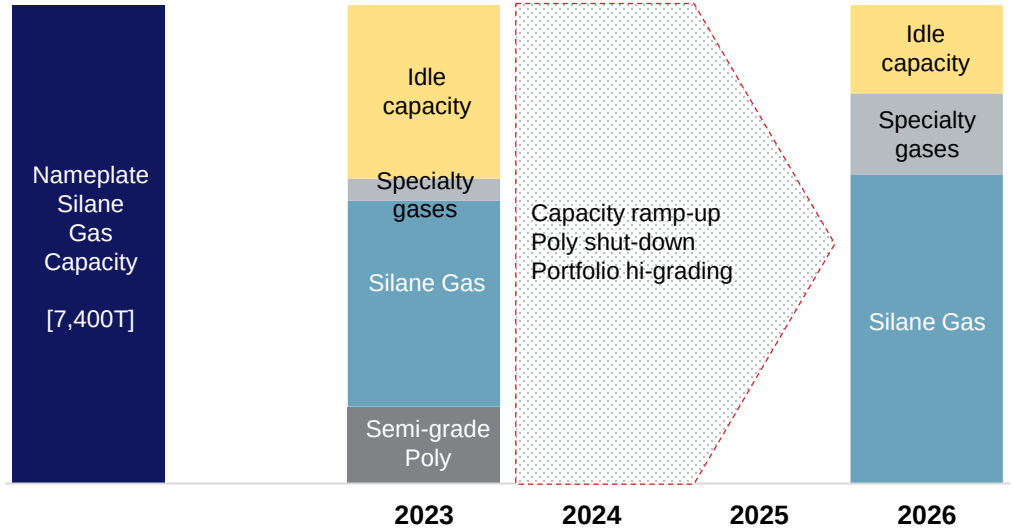
PRODUCT MIX TRANSFORMATION - OPTIMIZING SILANE GAS CAPACITY

Moses Lake

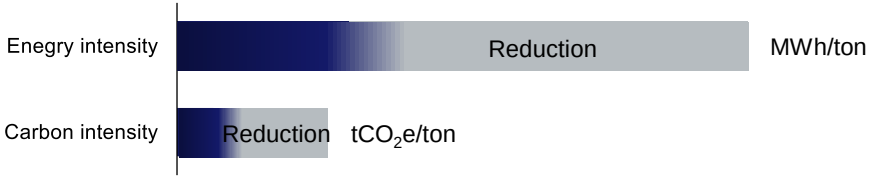


Energy and carbon metrics 2023

Butte



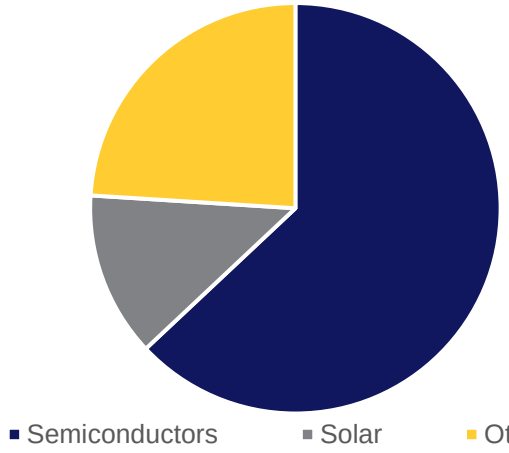
Energy and carbon metrics 2026 and onwards



THE ROAD TO SUSTAINABLE PROFITABILITY

2023 Exposure

- ~ 5,200 MT silane gas production
- 2/3 of revenues in Asia

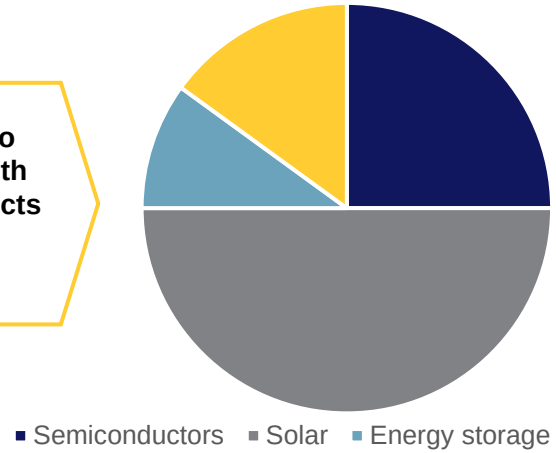


From exposure to volatile China markets and lower value commodity products

To high exposure to US value chains with higher value products and significant growth trends

Exposure 2025 ->

- ~ 30,000 MT silane gas production
- 2/3 of revenues in the US



Additional growth potential as value chains develop

Change in product mix to higher value products

Strong competitive position due to location and available capacity

Substantial reduction of energy costs and GHG emissions

POSITIONING FOR NEW SILANE GAS OPPORTUNITIES

- Hanwha MoU Silane Gas Offtake terminated
- REC Silicon taking a direct market approach, targeting
  - Battery anode material producers
  - Selected distributors
- Moses Lake - A battery hub ?
  - Several initiatives ongoing
  - Silane-based anode material a common denominator

SUMMARY

Timing opportunity

- Products driven by digitalization, renewable energy, and energy storage
- US policies and incentives in place to drive demand and re-shoring of capacity to address these macro trends

Product opportunity

- Silicon is at the heart of the identified macro trends, REC Silicon products essential to realize the transition
- Significant capacity investments made to meet immediate demand

Location opportunity

- The largest global producer of silane and high-purity granular polysilicon outside of China and the only one located in the US
- The largest producer in the US of other key specialty silicon gases

Foundation in place

- Growth capex and operating needs are fully funded through attractive financing and prepayments
- Offtake with a high-quality counterparty has been executed
- High-value specialty silicon gas investments in place in Butte
- Moses Lake to ramp to 100% reactor capacity by end of 2024

RECSiLICON

Thank You

Q1 2024 Reporting

May 10, 2024

www.recsilicon.com