

DMEGC SOLAR ESG OVERVIEW

Q4 2023

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Introduction of DMEGC Solar

14 GW
Cells Capacity

12 GW
Modules Capacity

33 GW+
Cumulative Shipments

Founded in 1980, DMEGC Solar is committed to be the world's leading renewable energy company, possessing five manufacturing bases with an annual capacity of 14GW cells and 12GW modules, and cumulative shipments are over 30GW.

With industry-leading technology R&D, manufacturing technologies, quality management and service, DMEGC Solar provides high-efficiency and reliable PV products and all application solutions for global customers.

- Top 10 PV Module suppliers in 2022 (PVTECH)
- Bloomberg "Tier 1 Solar Panels Manufacturers"
- EUPD Research "Top Brand PV Modules" since 2018
- Top Performer in PVEL PV Module Reliability Scorecard
- Leading Altman-Z score ranking in Global Solar Industry



Vision and Mission

Vision

To be the most socially responsible enterprise

Value

Co-creation, co-ownership, co-prosperity and co-sharing

Mission

Take root in Hengdian, march into the world

ESG Strategy

- According to the UN SDGs, we start with five sectors to improve the level of sustainable development.
- We are willing to jointly work with all partners to reduce the energy cost and build a green, low-carbon, beautiful world.

1

Establishing a Sustainable Company

By establishing a scientific and efficient decision-making mechanism, we promote the healthy, stable and sustainable development of the company.



2

Protecting Green Environment

We have established a fully environmental management system to reduce our carbon emissions, combating the challenges of climate change.



3

Creating Value for Customers

We innovate from customer's perspective to ensure products lead the industry in efficiency, performance and quality, maximizing customer value.



4

Strengthening Supply Chain Management

We integrated the sustainable development into supply chain, continuously reducing the environmental and social risks of the overall industry chain.



5

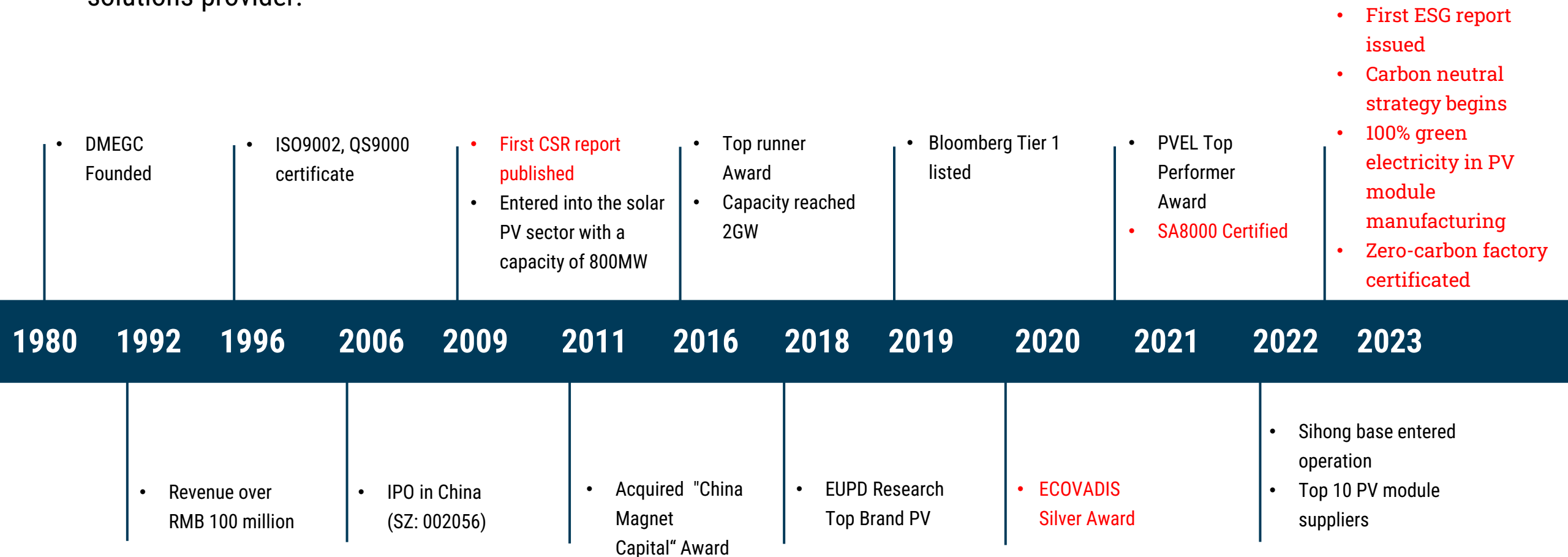
Creating a Better Society

Abide by labor laws and policies, we strive to build harmonious labor relations and share the development achievements with employees and society.



ESG Milestones

- Focused on innovation and high quality manufacturing for 44 years;
- Committed to be the world’s leading enterprise of the most socially responsible renewable energy solutions provider.



ESG Achievements

E: Environmental S: Social G: Governance

| | | | |
|---|---|---|---|
| <p>MSCI BB 2022</p> | <p>CDP Climate Change B- 2022</p> | <p>Sustainalytics 25.1 2022, Top2 of major Chinese PV company</p> | <p>EUPD Research TOP BRAND PV For 6 consecutive years</p> |
| <p>Ecovadis Bronze Medal 2023</p> | <p>ESG Report in accordance with GRI Standards Certified by TÜV Nord</p> | <p>Phase out of PFAS from products and packing</p> | <p>Competitive salary and benefits Average annual growth of employee income >10% From 2018 to 2022</p> |
| <p>Bloomberg Tire 1 For 5 consecutive years</p> | <p>Certisolis carbon footprint certification The first leading Chinese PV company</p> | <p>SA8000 certificated</p> | <p>Zero-Carbon Factory certificated and 100% green energy In PV module manufacturing</p> |

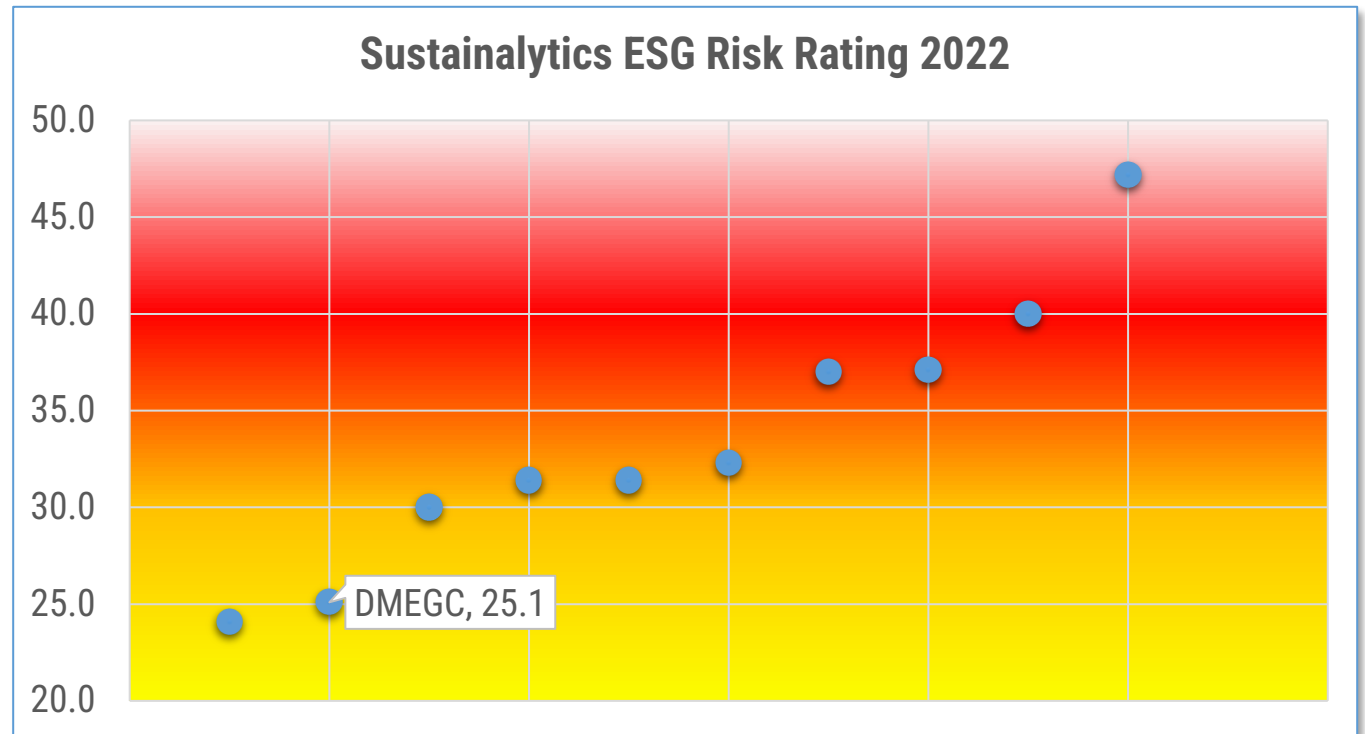
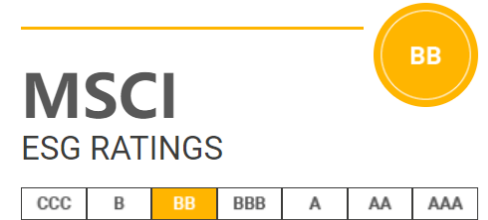
CSR/ESG Development

- Since 2008, DMEGC has published Social Responsibility Report every year.
- In 2022, DMEGC upgraded the CSR report to ESG report, and the first ESG Report(2022) has been released in **March 2023**.



ESG rating

- MSCI Rating: BB
- Sustainalytics: 25.1
- CDP Climate Change 2022: B-

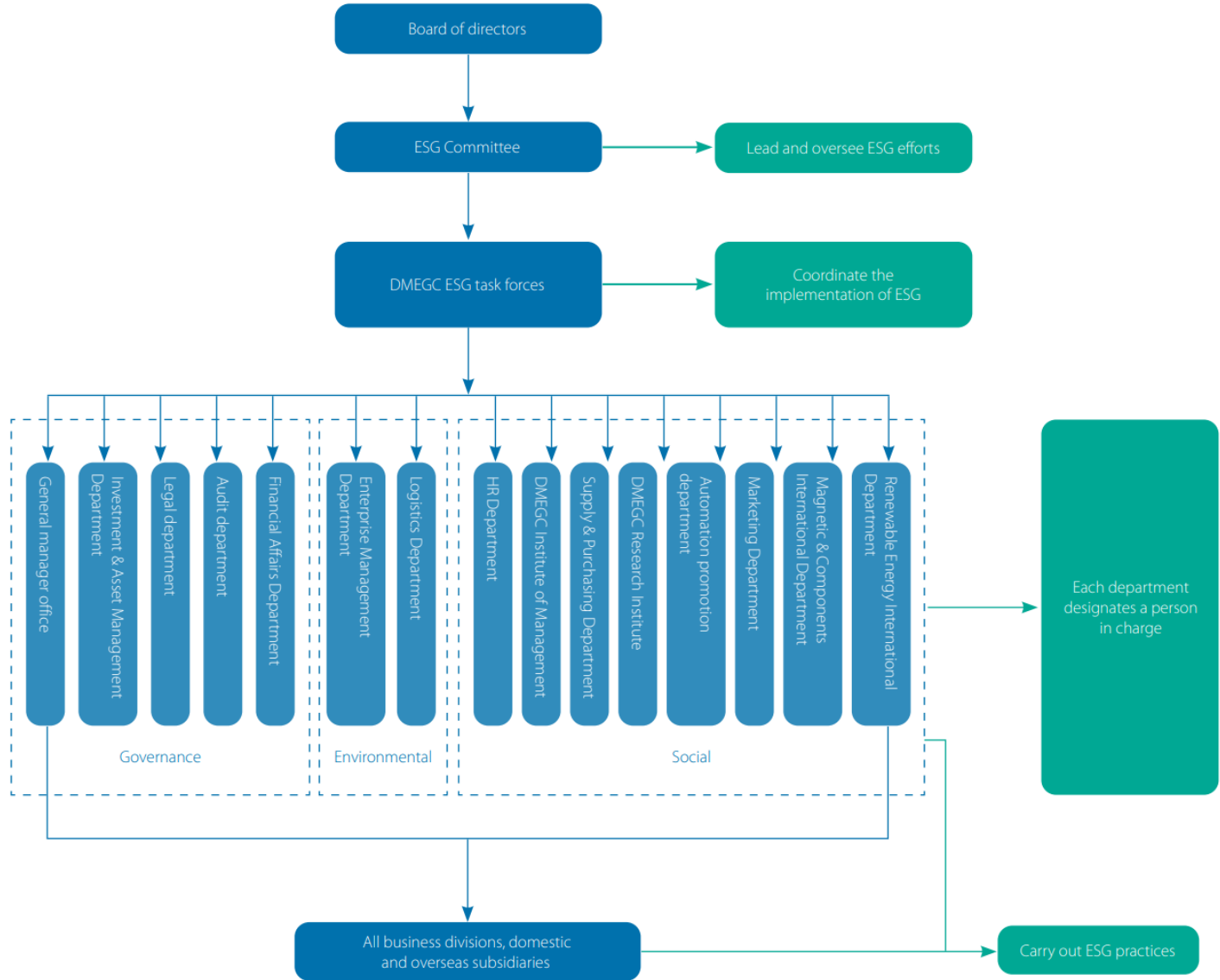


Compared with Chinese Major PV Solar Company
*The lower the score, the lower the risk.

ESG Management Structure

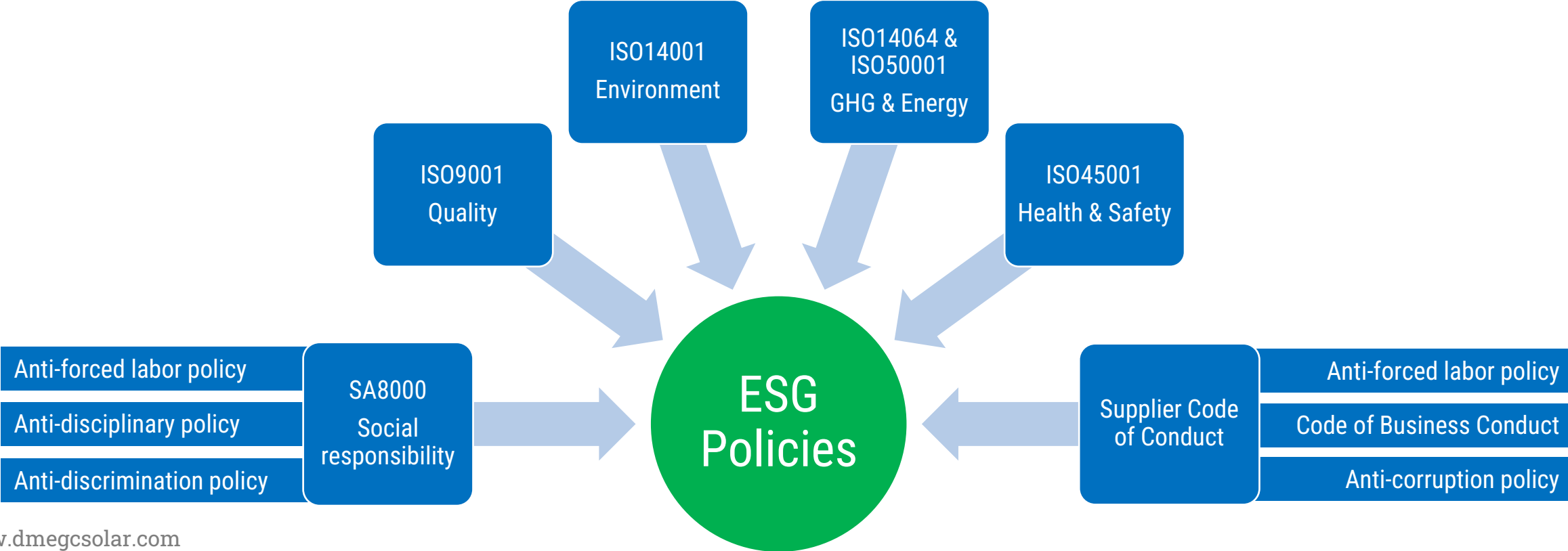
We have set up an ESG Management Committee under the Board of Directors, constructed three-tier management structure, with the Board taking the lead in decision-making, the ESG Promotion Group in management, and each management and business department in implementation.

We aim to actively promote ESG and sustainable development in all departments continuously improve ESG management and optimize ESG management structure.



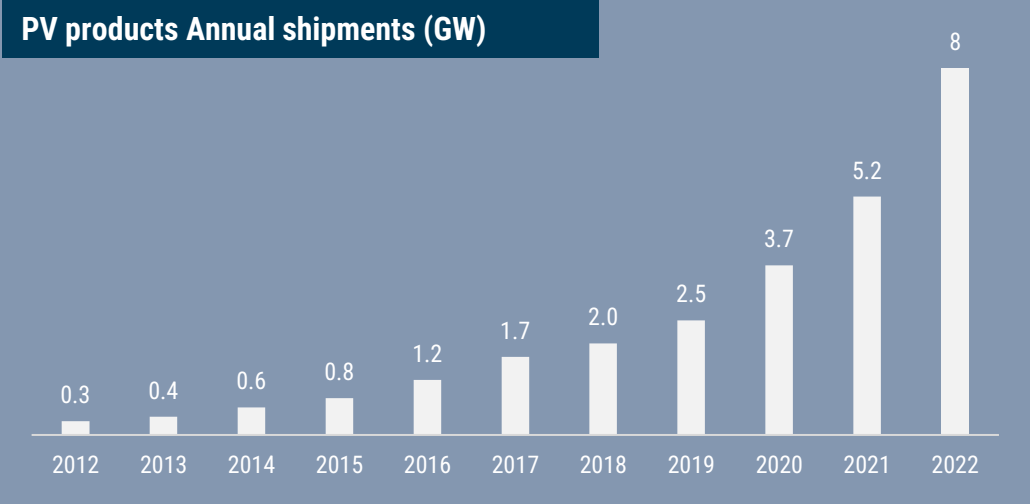
ESG Policies

- We have obtained the **SA8000, ISO9001, ISO14001, ISO45001 and ISO50001** certification, and built a complete ESG policy and management system on this basis.
- Since July 2023, we have partnered with TÜV SÜD to carry out GHG verification and zero-carbon factory certification based on **ISO14064 and T/CECA-G 0171–2022**.
- We have developed a supplier code of conduct that 100% suppliers are required to sign, and conducted due diligence to ensure execution.

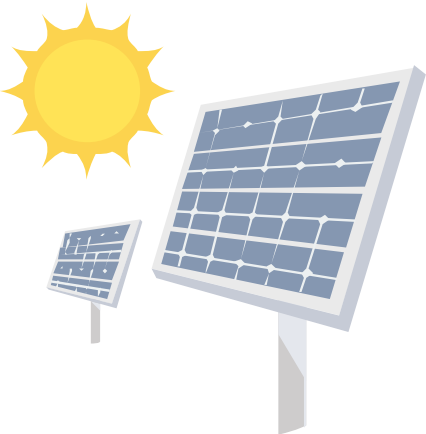


Create Green Value

- As a manufacturer of renewable energy, our products create green value for customers and for the Earth.
- As of Q2 2023, the cumulative shipment of photovoltaic products has exceeded 30GW, which can save 13.0 million tons of standard coal and reduce carbon dioxide emissions by 29.96 million tons per year.



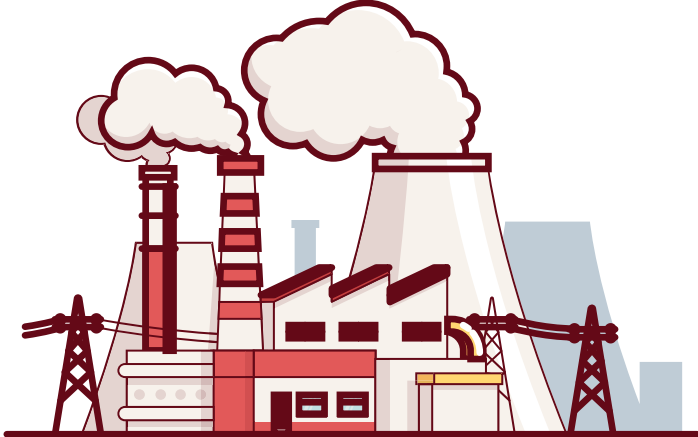
Power generation
39.6 million MWH/year



Save standard coal
13.0 million tons/year



CO2 emission reduction
29.96 million tons/year



Organization Achievement in Low Carbon

Hengdian, Zhengjiang (8GW Cell+ 2GW Module)

- National Ministry of Industry and Information Technology "Green Factory"
- P6 plant: The first batch of "Future Factories" in Zhejiang Province
- P7 plant: "Smart Unmanned Factory"
- Module plants: 100% green energy



Sihong, Jiangsu (5GW Module)

- 100% green energy
- Jiangsu Provincial "Green Factory"
- TÜV SÜD "1st Zero Carbon Factory" (October 2023)



Lianyungang, Jiangsu (5GW Module)

- 100% green energy



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China

Green Energy Consumption Verification Statement

No. V1SUS 122676 0002 Rev. 00

Client: Jiangsu DMEGC New Energy Co., Ltd
No. 9, Wuljiang East Road, Si Hong County
223900 Suzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Responsible Party: Jiangsu D
No. 9, Wul
Jiangsu P
CCB2023
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Specified Requirement:
Organizational Boundary:
Operation Rule:
Level of Assurance:
Proportion of Green
Energy Consumption:
Verification Conclusion:

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The objective of green energy consumption in the claim fulfills specified requirements. It issued by TÜV SÜD, acting as the third-party from the responsible party. The responsible p the applicable specified requirements. This at compliance with any bylaws, federal, national issued pursuant to such regulations. Stipulati TÜV SÜD shall have no responsibility vis-à-vis

Report No.: 70731237
Issue Date: 2023-09-28

Liang Gao
(Liang Gao)

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Zero Carbon Factory Verification Certificate

No. C3GHG 122676 0003 Rev. 00

Client: Jiangsu DMEGC New Energy Co., Ltd
No. 9, Wuljiang East Road, Si Hong County
223900 Suzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Responsible Party (Factory): Jiangsu DMEGC New Energy Co., Ltd
No. 9, Wuljiang East Road, Si Hong County, Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
2022/08/01 - 2023/07/31

Covered Period:
Verified Boundary: Scope 1 and Scope 2
Total GHG Emissions: 36818.26 tCO₂e
GHG Offsetting Percentage: 99%

Operation Rule: CCB_GH3_GR_006CS Rev.00
Technical Standard: T/CECA-G 0171-2022

Verification Conclusion:
The operation management of the factory in the covered time period, in terms of basic compliance requirements, basic management requirements, infrastructure, energy and carbon emission functional information management system, energy and resource use, products, greenhouse gas emission reduction implementation and carbon offset implementation, verified to meet the requirements of technical standards, verified as

Adhieved type: Type I Type II
Adhieved level: Four-Star

The issue of greenhouse gas verification certificate hereon is based upon the claim on "zero carbon factory statement" from the responsible party. The responsibility of the claim on greenhouse gases emissions is the responsible party. This certificate does not relieve client from compliance with any bylaws, federal, national or regional acts and regulations or with any guidelines issued pursuant to such regulations. Stipulations to the contrary are not binding on TÜV SÜD and TÜV SÜD shall have no responsibility vis-à-vis parties other than responsible party.

Report No.: 707312374003-00
Issue Date: 2023-10-13

Liang Gao
(Liang Gao)

Page 1 of 1
TÜV SÜD Certification and Testing (China) Co., Ltd
Economic and Technological Development Zone,

Page 1 of 1
TÜV SÜD Certification and Testing (China) Co., Ltd, Floor 1-4, Building B, No.37, Tuanjie Road(Middle), Xishan Economic and Technological Development Zone, Wuxi, Jiangsu, P.R. China

* DMEGC Solar has achieved 100% green energy in PV module manufacturing in 2023.

Organization Actions in Low Carbon

Application of energy saving technologies

- ✓ The intelligent control transformation of the external air conditioning system realizes the intelligent management, saves **4,000,000 KWH** of electricity per year.
- ✓ TP6/TP7 plants air pressure circulating water series transformation, saving **360,000 KWH** of electricity per year.
- ✓ Sihong factory module laminating area of no power hood changed to hot exhaust air, saving **750,000 KWH** of electricity per year.

*The above are a part of the programs that have been implemented in 2022.



Green electricity procurement

- ✓ Sihong Factory has purchased I-REC **54,842 MWH** in 2023.
- ✓ Hengdian Factory has purchased green electricity **4,744 MWH** since May 2023.

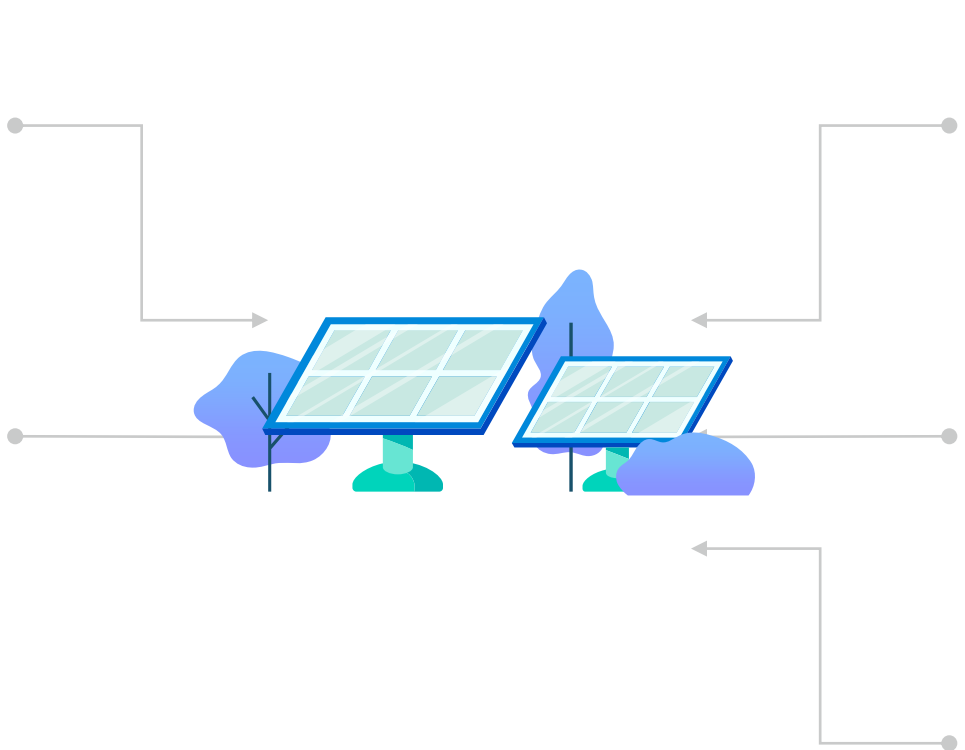
Clean energy facility

- ✓ By 2022, 9.06 MW Rooftop PV has been built, generating above 10,000 MWH of green electricity annually.
- ✓ It is planned to build 44 MW Rooftop PV project in Sihong, Lianyungang and Yibin factories from 2023 to 2024.

Product Achievements in Low Carbon

EPD Italy (DMEGC, Sihong, expected to be obtained in Q4 2023.)
 DMEGC has been completed all document reviews and is in online-audit period.

EPD Norge (expected to be obtained in Q4 2023.)
 EPD Norge is mutually recognized with EPD Italy.
 DMEGC has the plan to push EPD Norge proposal.



French LCA (including CRE4 and PPE2):
 1. Ingot&wafer (DMEGC, Qixian)
 2. Cell (DMEGC, Hengdian)
 3. Module (DMEGC, Hengdian & Sihong)

French ECS (Issued by Certisolis)
 All types of module match different CFP grades.
 Unit: CO2 eq. kg/kW
 *ECS for PPE2 is coming soon

French PEP (ECO Passport)
 1. Module involves G1, M6, M10
 2. Has passed in 2021.



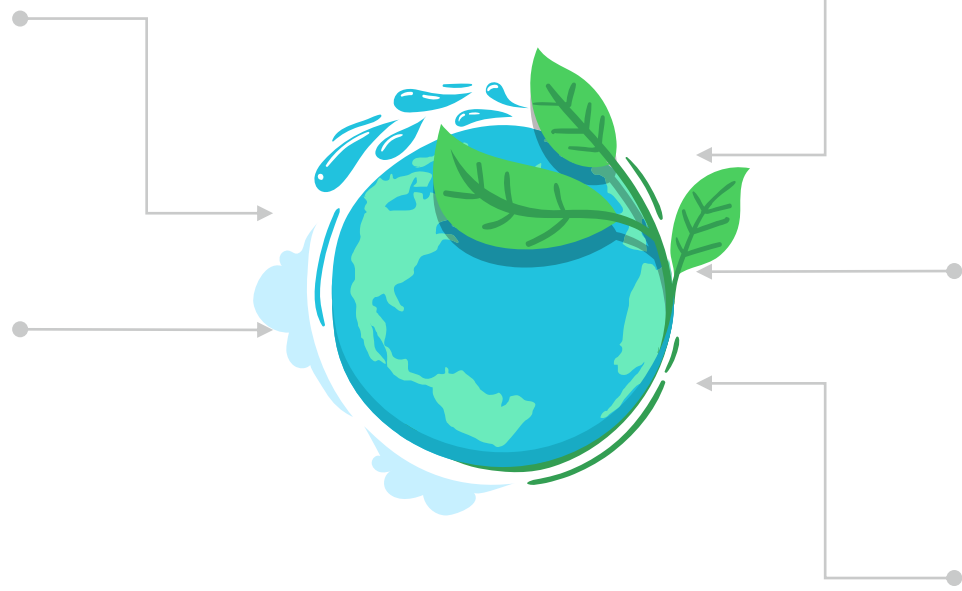
Product Environment Friendly

Reduce ammonia and nitrogen emissions

- ✓ In the wet process of PV cell, the use of HNO3 is eliminated, reducing ammonia nitrogen emissions by 53.3 tons/year;

Reduce fluoride and chloride emissions

- ✓ The introduction of additives targeting HCL and HF acid activity reduced the emission of fluoride ions by 335.1 tons/year and chloride ions by 293.1 tons/year,



Fluoride-free Backsheet

- ✓ Modified PET+ polyolefin material is to replace the traditional fluorine film and fluorine coating process

Lead-Free Welding

- ✓ Lead-free welding material, junction box for module;

Dealcoholized silica gel

- ✓ The product of crosslinking reaction of dealcoholized silica gel is alcohol, instead of the traditional deoxime silica gel containing butyl ketoxime.



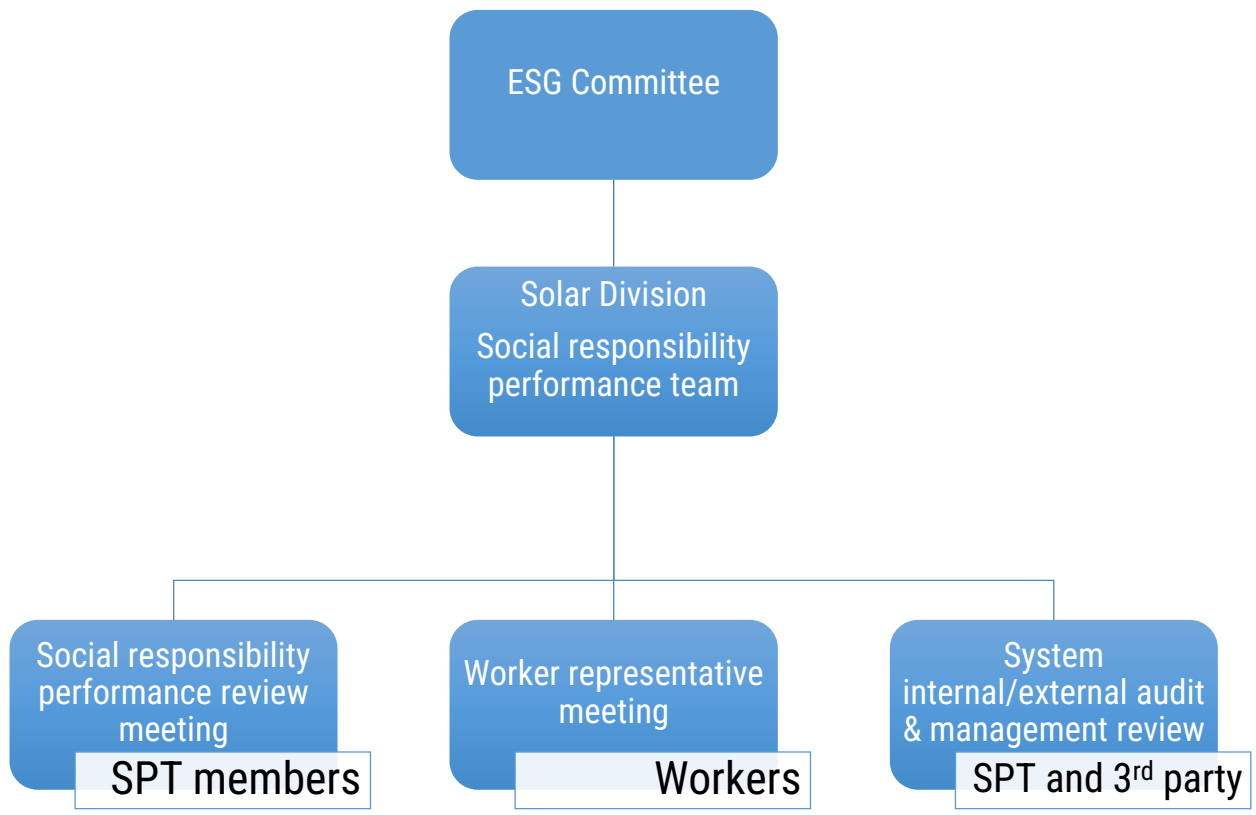
■ All series of PERC and TOPCon modules are **PFAS-FREE**, and pass the RoHS & REACH SVHC/Annex XVII tests.

*Reach / RoHS & PFAS 3rd party tests where performed by TÜV SÜD

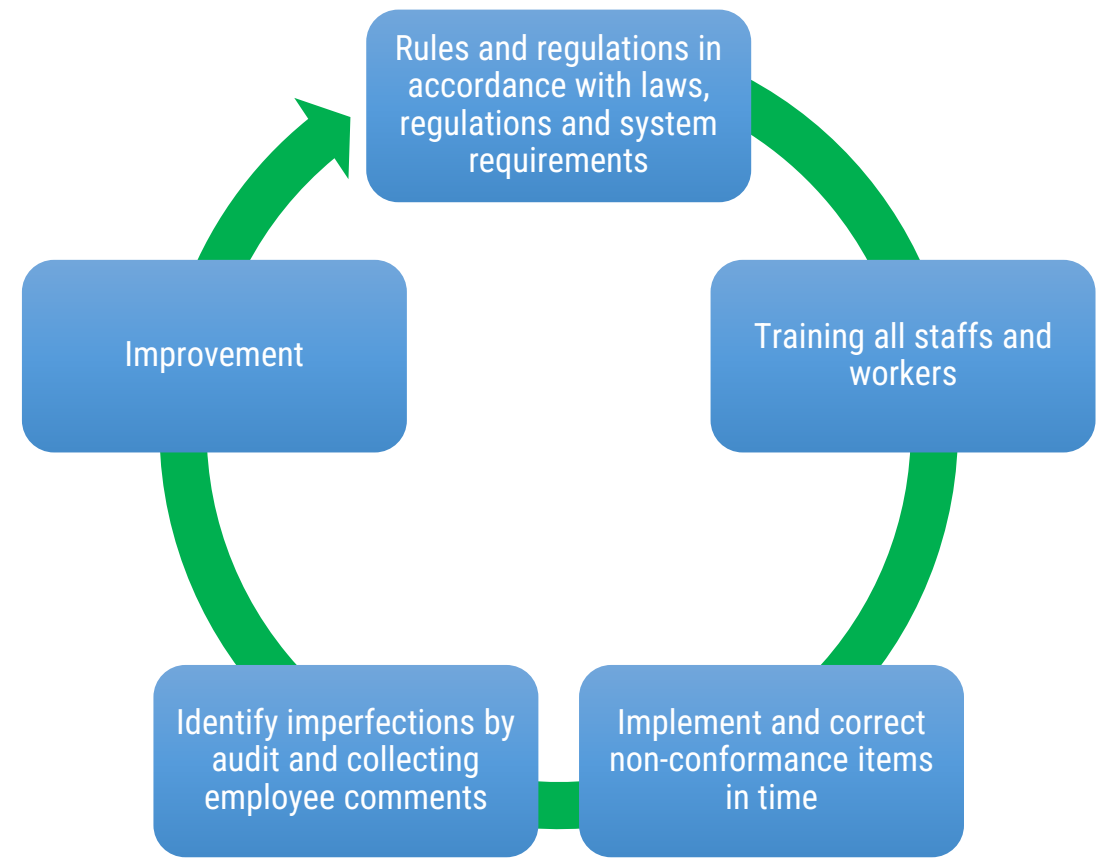


CSR Implement and Improvement

- CSR organizational structure from group to division;



- CSR implement and improvement

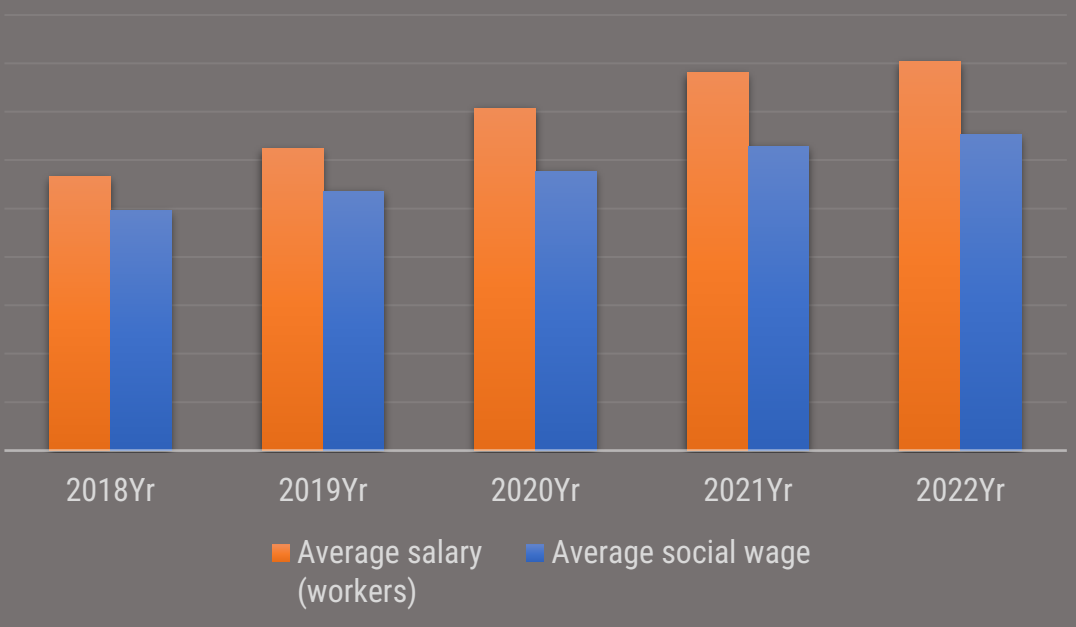


- Frontline workers participate in CSR improvement through workers representative meeting, complaint mailboxes, audit interviews, etc.

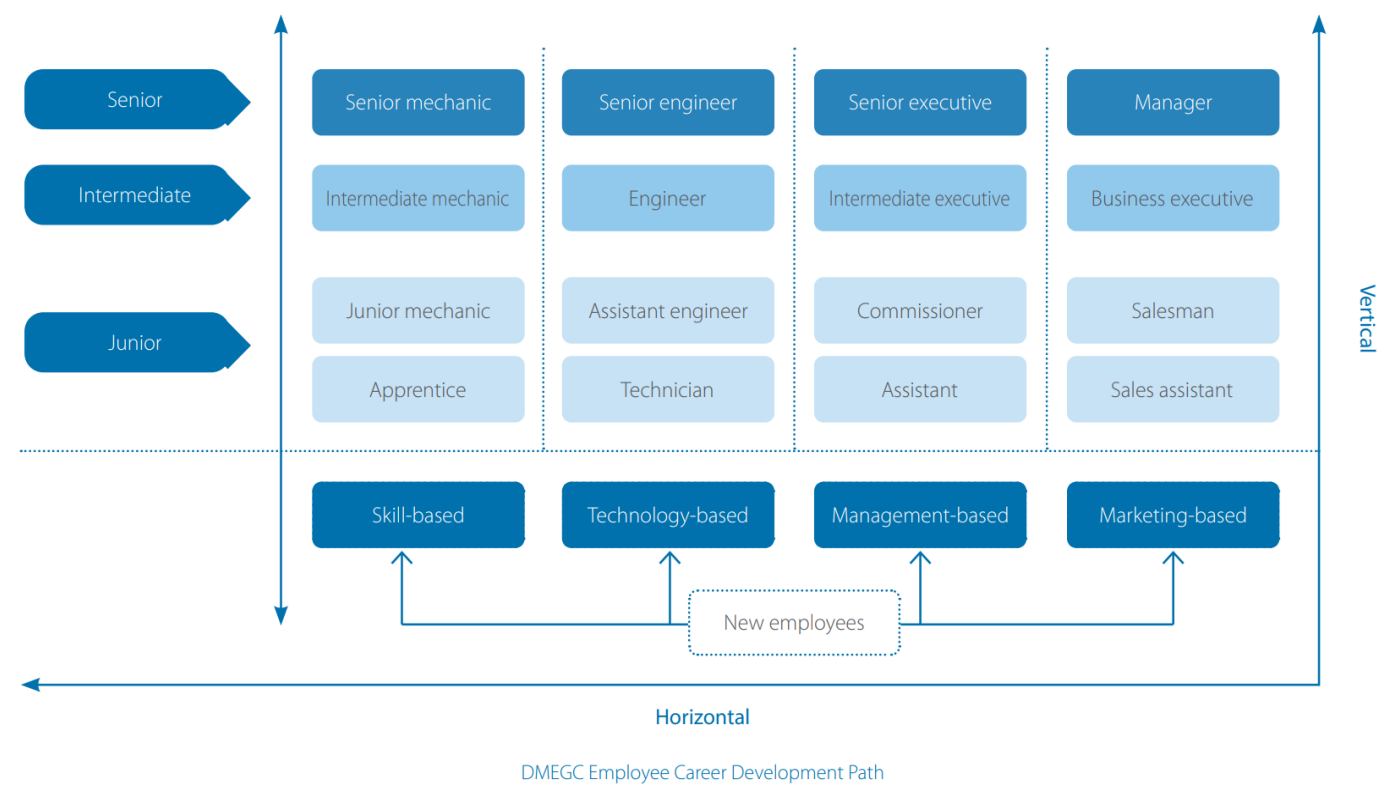
Employee Income and Development

- We offer our employees competitive salaries and continue to increase each year.
- With the average front-line worker salary increasing by 42.07% in 2022 compared to 2018.

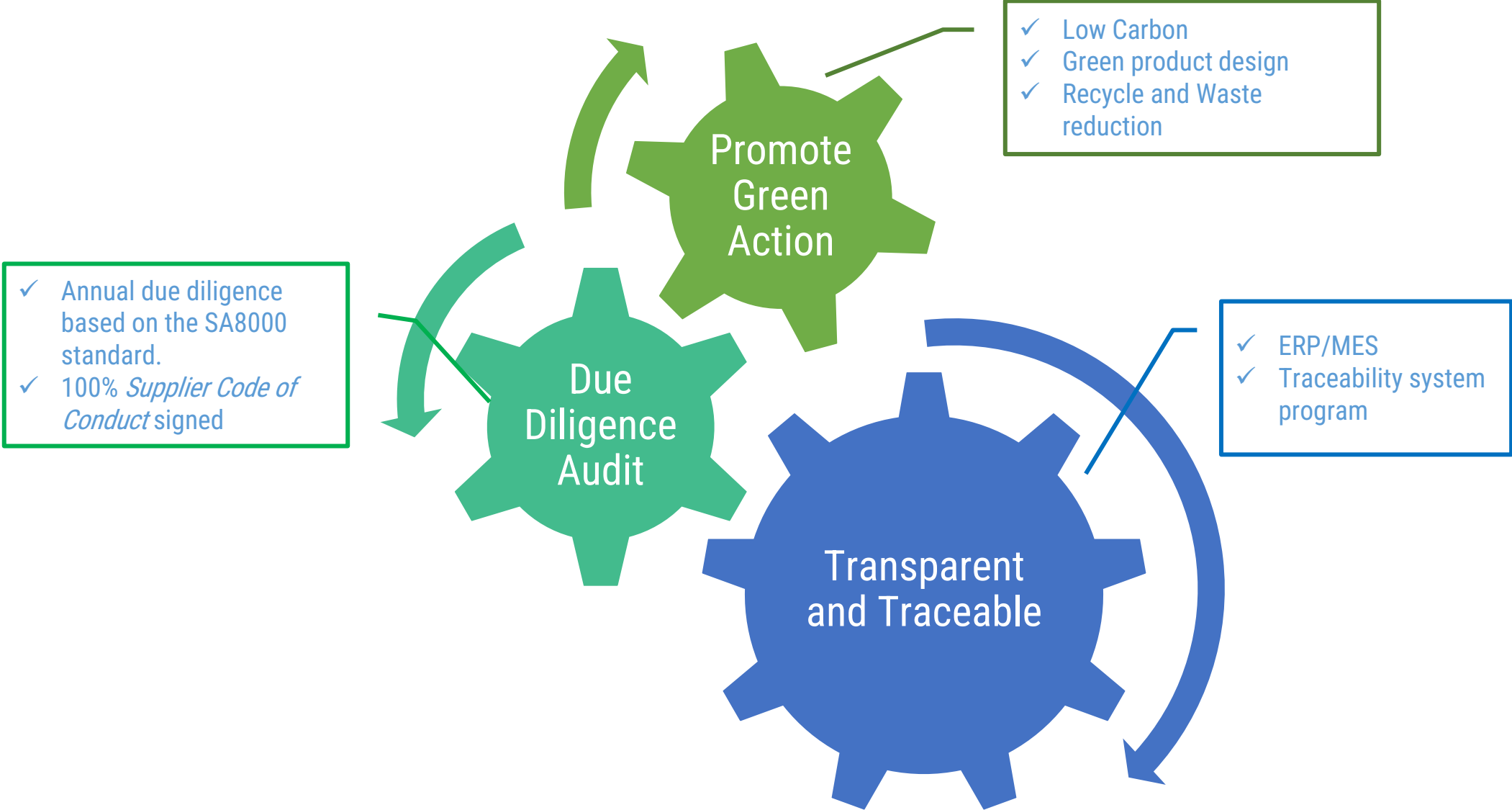
Average wage comparison: DMEGC vs. social



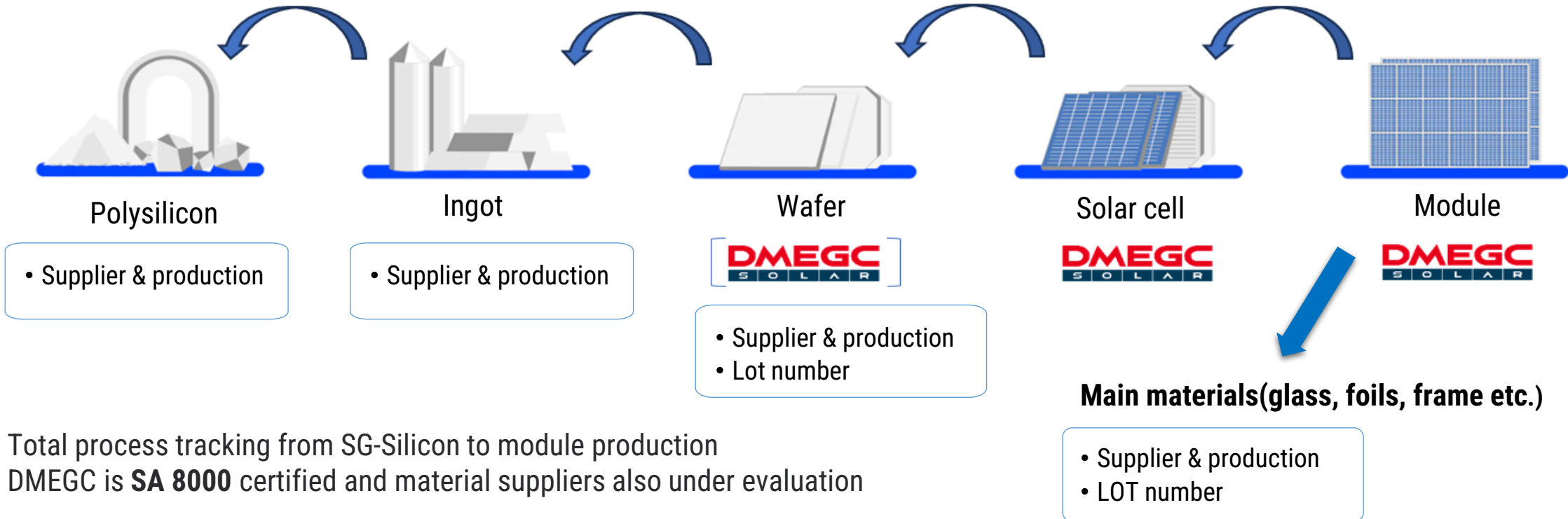
- Striving to build a step-by-step training model for talent, we have provided employees with dual career ladder with both horizontal and vertical development and offered career development opportunities for technical staff to promote their career development and improve their qualification standards.



Sustainable Procurement

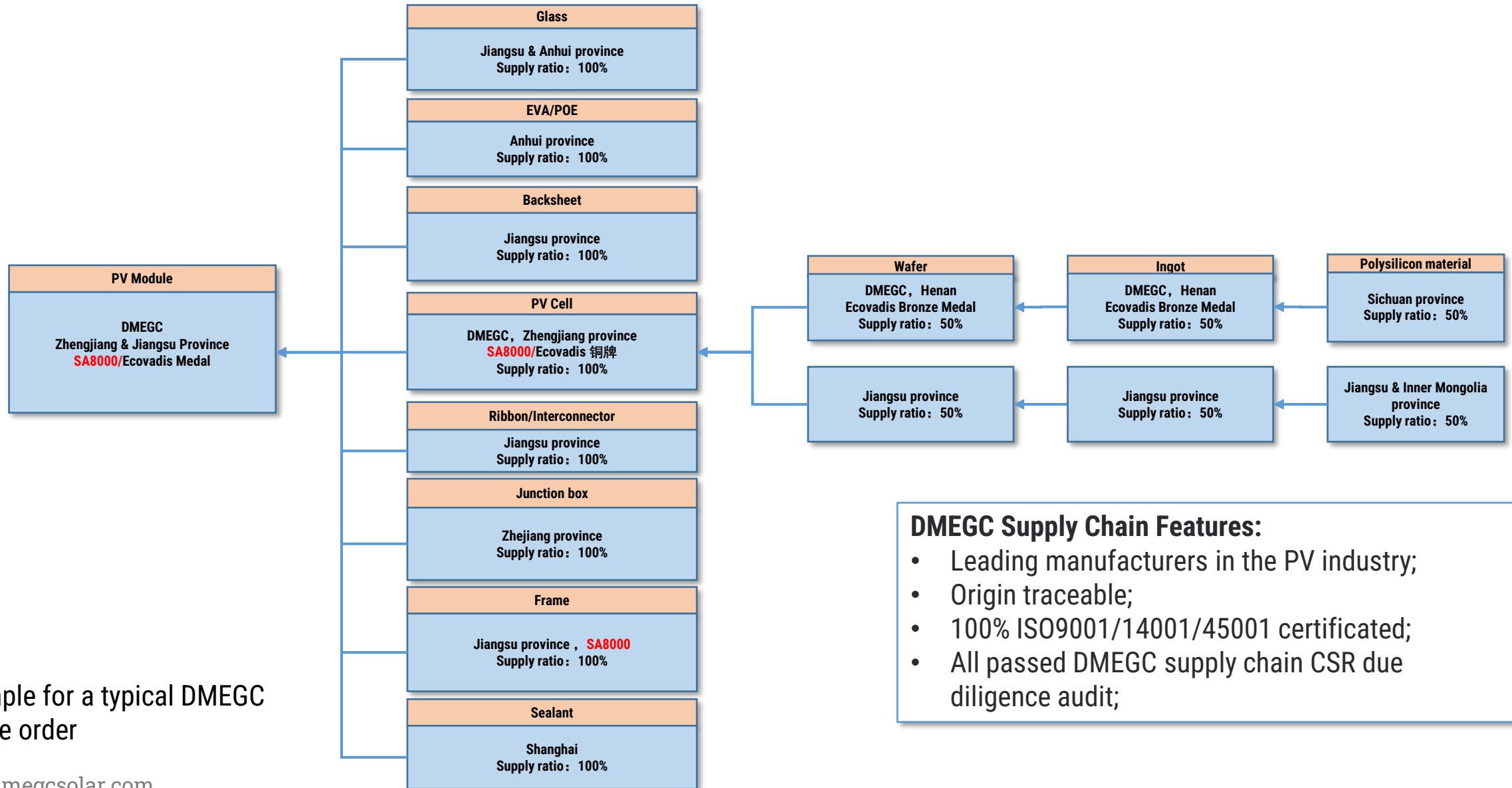


PV Module Traceability



- Total process tracking from SG-Silicon to module production
- DMEGC is **SA 8000** certified and material suppliers also under evaluation

Transparent Supplier Chain Map



*Example for a typical DMEGC module order

DMEGC Supply Chain Features:

- Leading manufacturers in the PV industry;
- Origin traceable;
- 100% ISO9001/14001/45001 certificated;
- All passed DMEGC supply chain CSR due diligence audit;

To be the most socially responsible enterprise

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