

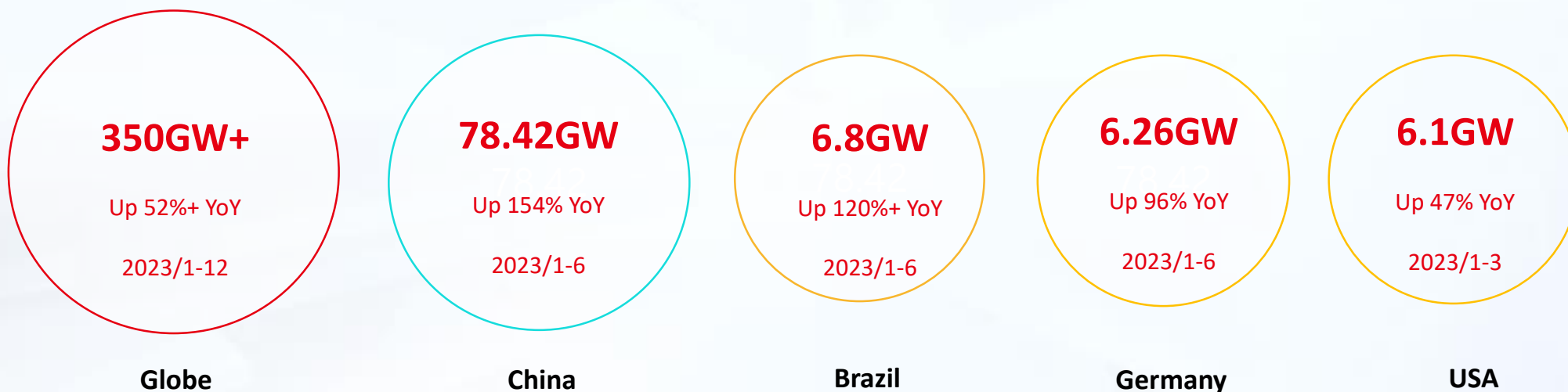
LONGi Green Energy

Investor Presentation for 2023H1

2023.8.31

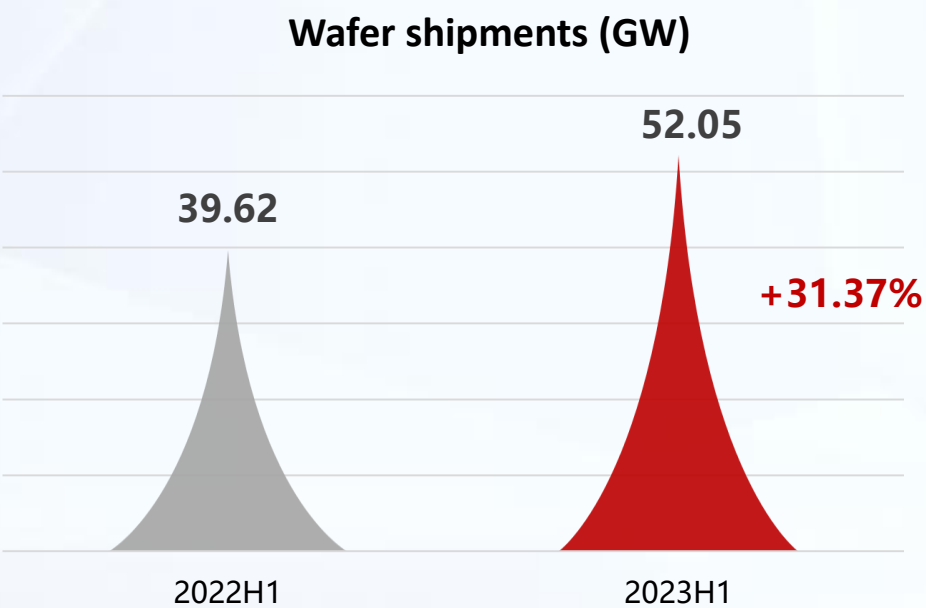
Global solar demand remained strong and China hit a new high in 2023H1

- The global solar market remained strong momentum with its core markets reporting a year-over-year increase of more than 45% in the first half of 2023, in the context of global energy transition acceleration and continuous decline of solar power cost.
- **China has installed 78.42GW solar power capacity from January to June of 2023, up by 154% of the same period of 2022 and a new high, where sees the largest solar increment.**
- Overseas market continued rapid growth, which imported 106GW modules from China in 2023H1, a yoy increase of 35%. Major markets still saw strong demand, like Germany, Brazil and USA. Emerging markets have started to accelerate solar deployment, like Middle East and Africa.

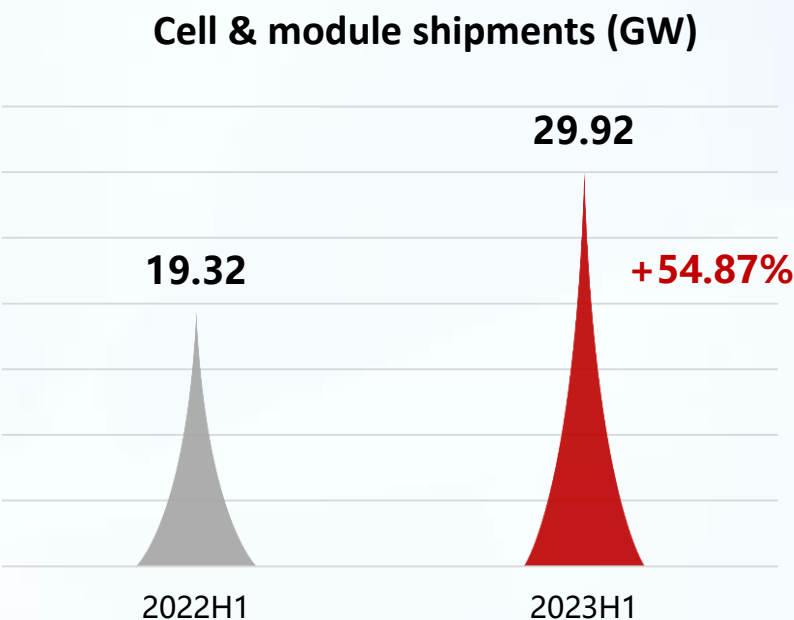


Source: NEA、ANEEL、Bundesnetzagentur、SEIA、InfoLink、LONGi

Based on improving operational quality, the company increased the shipments of products steadily.



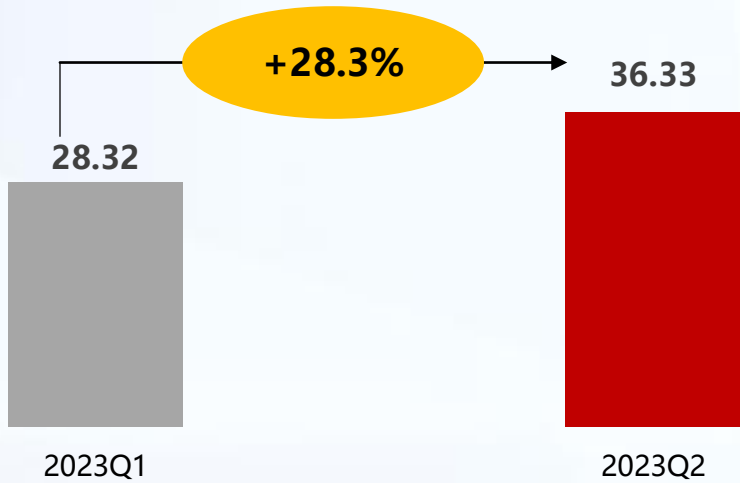
- In the first half of 2023, the company's wafers for external sales were 22.98GW and 29.07GW was for self use.



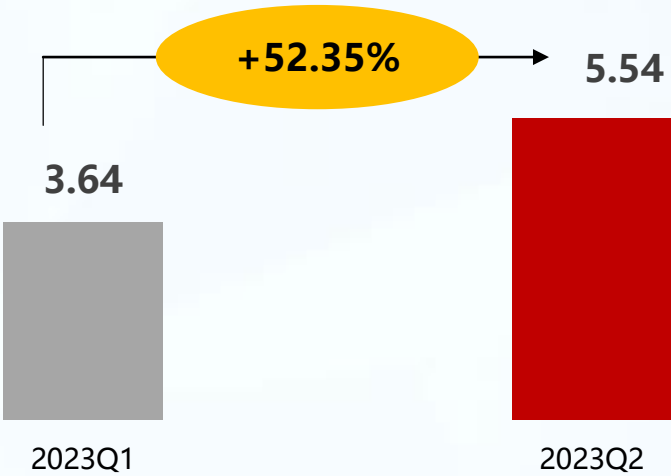
- In the first half of 2023, the module shipments were 26.64GW and the cell shipments were 3.28GW.

2023Q2: navigate market changes actively to achieve a quarterly result increase

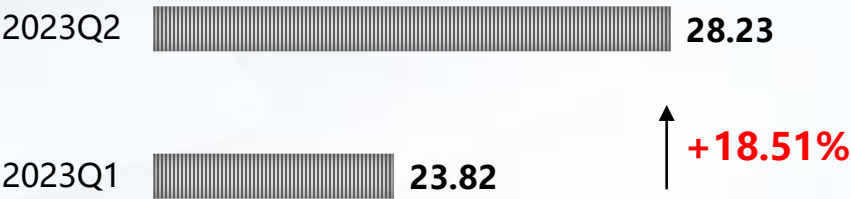
Revenue (bn yuan)



Net profit attributable to shareholders of the listed company (bn yuan)



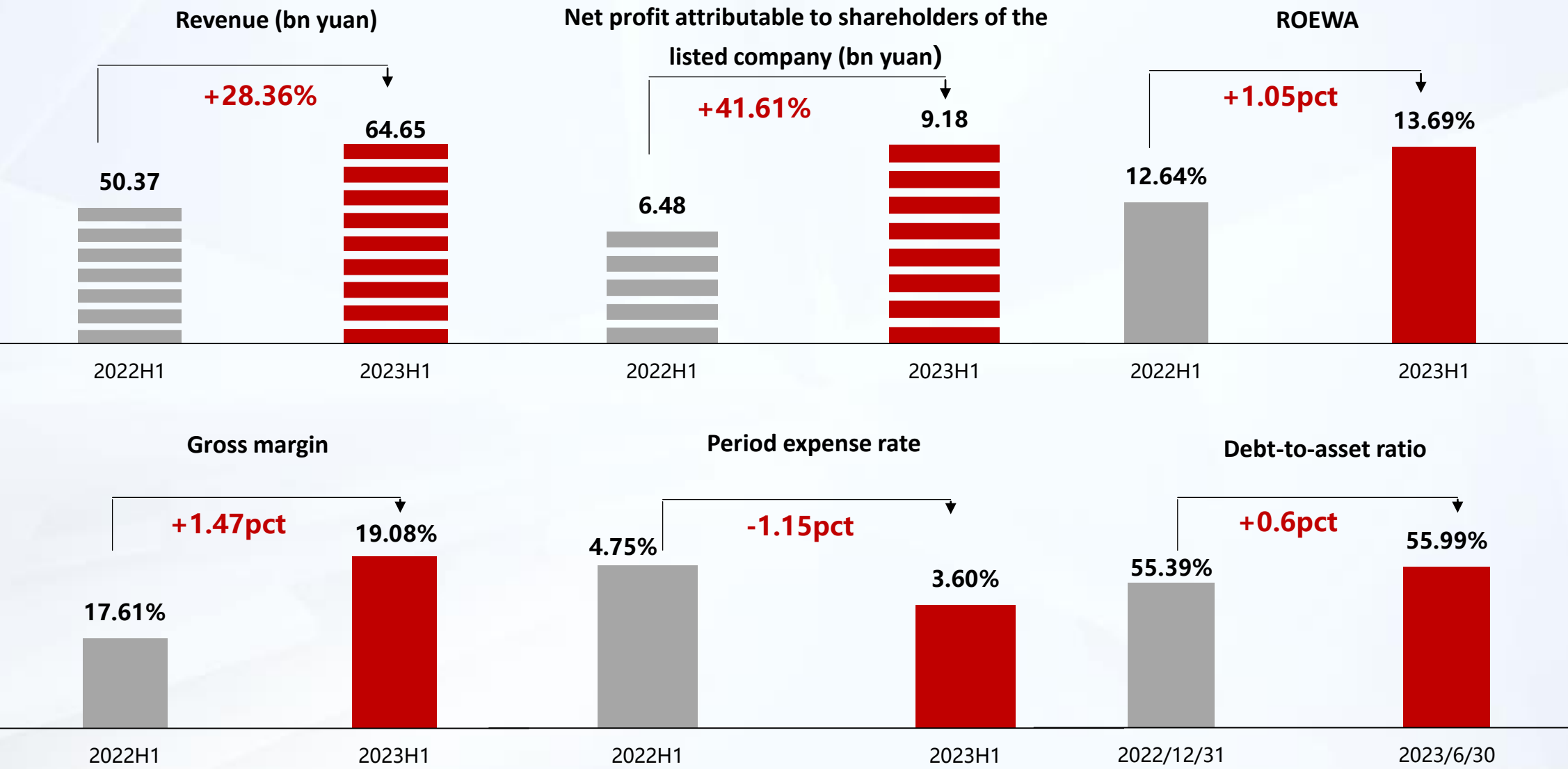
Wafer shipments (GW)



Cell & module shipments (GW)



2023H1: Revenue and profit increased when keeping high-quality operation



Promote capacity construction Actively, preparing for continuously growing solar demand

- In light of great potential of solar demand, the company has been actively pushing forward high-efficiency capacity expansion, preparing in advance for the continuously growing solar demand in long term. As of the date of result disclosure, the progress of capacity construction is as follows:

Location	Product	Scale	Progress
Erdos	Ingots and wafers	46GW	commenced production gradually
Malaysia	Ingots	6.6GW	To commence production gradually since the end of 2023
Xixian	Solar cells	29GW	Partially put into production
Taizhou	Solar cells	4GW	Partially put into production
Erdos	Solar cells	30GW	Commenced production gradually since August 2023
Vietnam	Solar cells	3.35GW	Partially put into production
Jiaxing	Solar modules	10GW	Partially put into production
Wuhu (phase I)	Solar modules	10GW	Partially put into production
Malaysia	Solar modules	2.8GW	Commenced production gradually since August 2023
Heshan	Solar modules	10GW	To commence production gradually since 2024Q2
Wuhu (phase II)	Solar modules	15GW	To commence production gradually since 2024Q2

Remain great insight into the market demand change and drive the industry upgrade by technological innovation

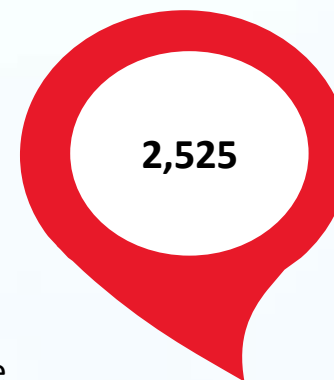
- It will be history of using single technology and solar product for all the markets with the solar applications moving diverse. Based on demand of different application scenarios, the company has conducted research on several solar cell technologies, targeting for commercialization of low-cost and high-efficiency cell technology to facilitate the solar industry's technological advancement.
- In 2023H1, the company's HPBC solar cells commenced production, which have achieved the designed yield and cell efficiency target.



Efficiency for
perovskite/crystalline tandem
solar cells



Representing 5.29% of the
revenue in 2023H1

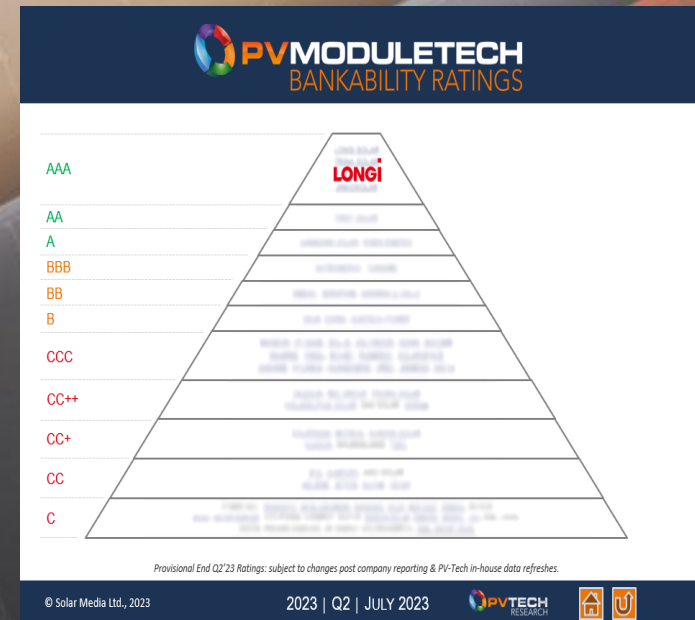


Accumulated patents
obtained as of June 30, 2023

High-quality products are continuously recognized by international authorities

The company is highly recognized by the global solar market, financial market and the authoritative third party depending on high-quality products, healthy finance and good corporate reputation.

- Named AAA-rated Module Supplier in Bankability by PV ModuleTech for 14th consecutive quarter
- Named Tier 1 PV Module Manufacturer by Bloomberg New Energy Finance
- Named 2023 Overall Highest Achiever in RETC PV Module Index, the only module company won this award for 5th Consecutive Year
- Named 2023 TOP Brand PV Modules in Latin America by EUPD Research



Fulfil social responsibilities proactively and work on sustainable development

- The company, as the leading solar company in the world, pursues green and low-carbon development and explore to effectively combine social responsibilities, sustainable development and business value chains. The company has obtained the ECS carbon footprint of France, passed the assessment based on guidance concerning social responsibility of ISO and is approved by Science Based Targets Initiative in 2023, promoting the company's healthy and sustainable development.



In February 2023, the company's wafers of all series were granted ECS carbon footprint of France, representing the company has effectively controlled the carbon emissions in full lifetime of products and can provide environment-friendly products. Carbon footprint certification is regarded as an very important indicator for entry into France.



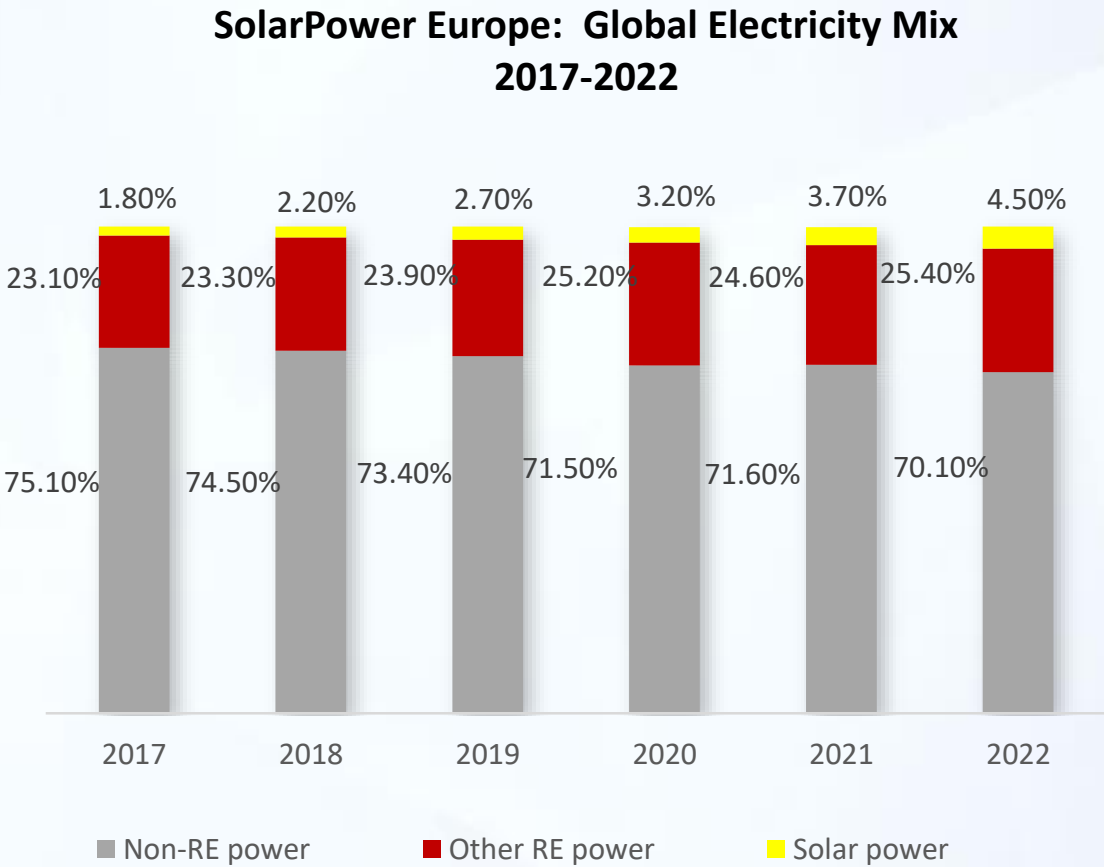
In April 2023, the company obtained performance assessment statement of ISO 26000 issued by SGS, the first Chinese solar company that passed the assessment based on guidance concerning social responsibility of ISO and representing the company has set up relatively improved CSR management system.



In August 2023, the company's carbon emission targets were approved by Science based Targets Initiative(SBTi), aligning with 1.5°C target in the Paris Agreement. LONGi is the first Chinese solar company that has obtained the official validation of SBTi.

Solar power will continue to grow as it still contributes a minor share of the electricity mix

- Solar power has been the renewable power with the highest growth rate. But it still contributed a minor share of the world’s total power generation in 2022 at 4.5%.
- IEA estimated that the share of renewable energy in the global power generation mix will rise to around 70%, most of which will come from solar and wind power.
- Driven by energy transition, energy security, retirement of coal power and solar economy, it’s estimated that the global solar power demand will continue to increase.





LONGi

THANKS

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