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CGN Power CO., LTD 2020 Annual Results



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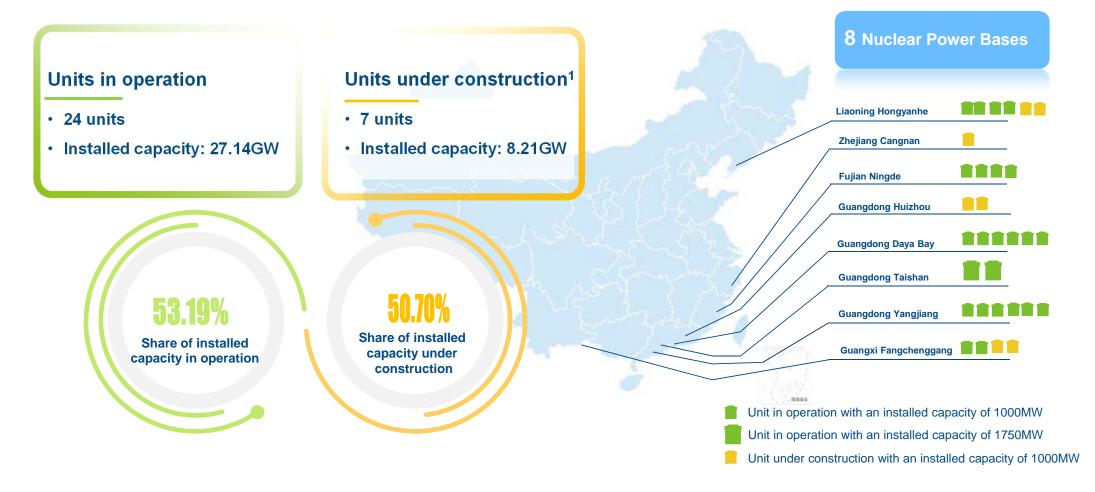


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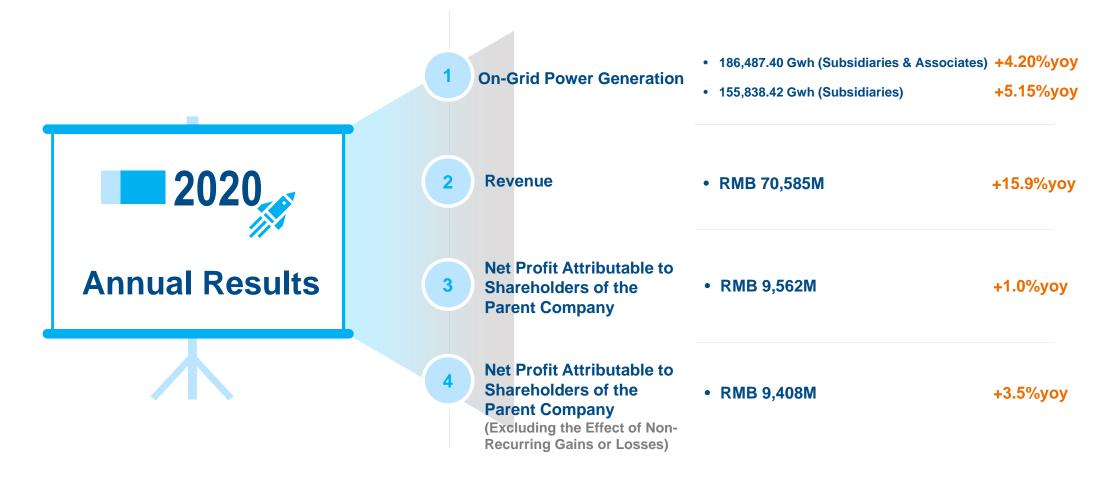
Note: As of March 18, 2021.





Note: Statistics only include the China's mainland and as of March 18, 2021. Note1: Units under construction include Huizhou Unit 1, Unit 2 and Cangnan Unit 1, which were entrusted to us by our controlling shareholder for management.







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Targeted Poverty Alleviation in 2020



40.37 million RMB was invested



1.36 million RMB worth of materials







Targeted areas, i.e. Lingyun and Leye County officially lifted out of poverty















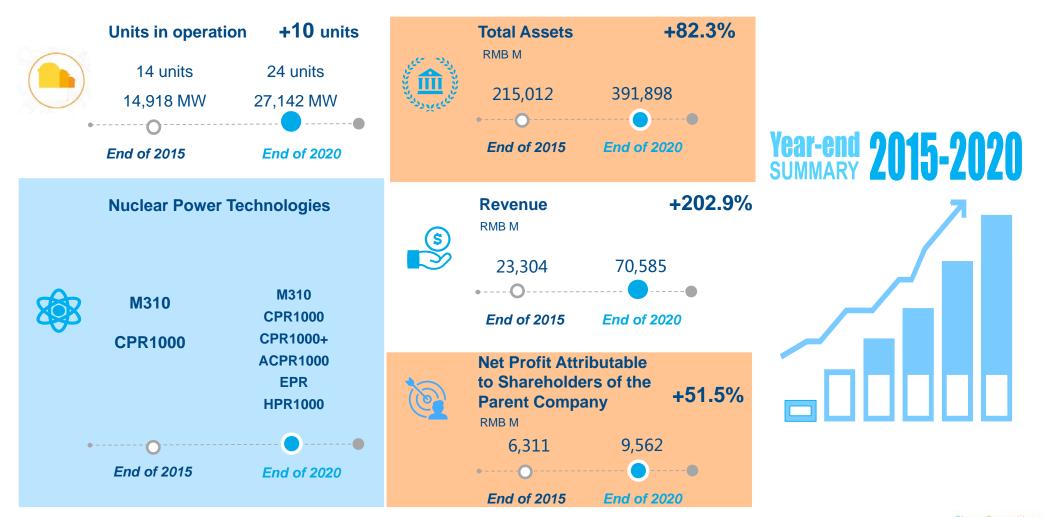
Contribution to Epidemic Control in 2020

Donated **30 million RMB** to support epidemic control in Hubei

Provided anti-epidemic supplies in shortage

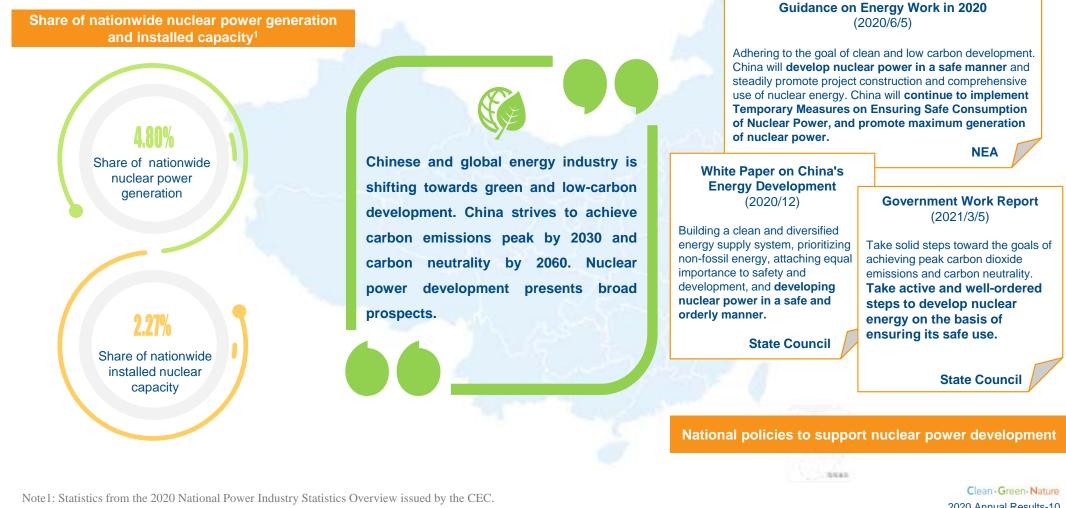


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中广核GCGN Comprehensive Use of Nuclear Energy for Clean Development

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Pursuit of Excellence, Stable Operation

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Vision

World-class nuclear power supplier and service provider with international competitiveness

- Robust business, achieving stable performance in operations and highquality commercial operations of construction projects
- Financial stability, ensuring capital security, and stable operating performance
- Stable returns, keeping promises and maintaining long-term stable dividend payout

Purpose

Continuing to create optimal benefits for our customers, shareholders, employees and the society

- Keeping improving safety performance by benchmarking against world-class standards
- Adopting "specialization, centralization and tandardization"(SCS) strategy to enhance multi-unit management and control
- Implementing lean management, strictly controlling project construction costs and optimizing O&M costs



- Dedicated to developing clean energy, focusing on nuclear power and comprehensive use of nuclear energy
- Improving resources utilization rate and reducing resources consumption
- Controlling emissions strictly and protecting the environment
- Pushing ahead with the approval and kick-off of new projects to maintain leading position in installed capacity
- Actively developing and mastering nuclear power technologies to maintain sustainable development of the company
- Strengthening commercialization and promotion of research results to
 - increase business opportunities where appropriate



2025

2018-2020 Dividend Payout Promise Honored

Dividend RMB/share



On the preconditions that no significant changes happen to our business, performance and finance, and approval is obtained from AGM of the relevant fiscal year, the Company intends to maintain a reasonable increase in dividend distribution ratio in the next five years (2021-2025) based on the dividend distribution ratio for 2020 (subject to approval at the 2020 AGM).

2024

Dividend Yield Ratio 5.67% 4.53% 4.09% 2017 2018 2019 2020

Note1: The final dividend of 2020 will be distributed after being approved by our shareholders at the 2020 AGM of the Company, and is expected to be distributed on or around July 8, 2021.

2023

2022



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Part II **Business Review and Future Outlook**

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Controlled Epidemic and Ensured Power Supply, Achieved Steady On-grid Power Generation Growth

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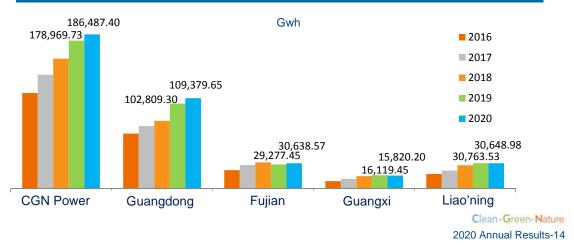
National Power Demand



Optimized refueling outage plans and increased the annual power generation time by over 80 days



On-grid Power Generation in Total and by Region



Actively Participated in Markets and Maintained Stable Tariff

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Note: The share and tariff of market-based power generation both include the 20% (following the "full load generation with favorable tariff" policy) in Guangdong. Starting form April 1, Clean-Green-Nature 2019, VAT rate has been adjusted from 16% to 13%.

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Construction Proceeding at a Steady Pace with Cangnan Project Approved

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Units	Civil Construction Phase	Equipment Installation Phase	Commissioning Phase	Grid Connection Phase	Expected CO
Hongyanhe Nuclear					
Hongyanhe Unit 5			1.1		2H2021
Hongyanhe Unit 6			<u>1.1</u>		1H2022
Fangchenggang Nuclear					
Fangchenggang Unit 3					2022
Fangchenggang Unit 4		1.1			2022
Huizhou Nuclear*					
Huizhou Unit1					2025
Huizhou Unit2 📌 2020.10.1	5 FCD			le e	2026
Cangnan Nuclear*			2		
Cangnan Unit1 📩 2020.12.3					2026

Note 1: As of March 18, 2021.

Note 2: Civil construction phase refers to the process from the First Concrete Day ("FCD") to the proper roof installation of the main plant of the nuclear reactor.

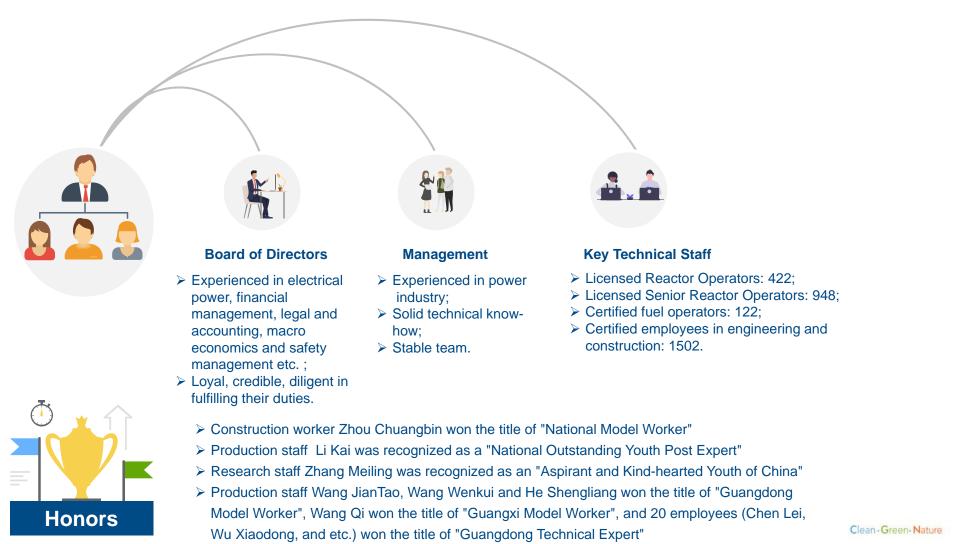
Note3: Equipment installation phase refers to the process from the installation of nuclear island equipment upon the roof installation of the main plant of the nuclear reactor to the nuclear island main system meeting the conditions to conduct cold function tests.

Note4: Commissioning phase refers to the process of conducting cold function tests for nuclear island main system and commencing joint commissioning for the power plant.

Note 5: Grid connection phase refers to the commissioning of generators upon the first grid connection with the power grid, demonstrating that the power generating units are capable for power generation.

Note *: Huizhou and Cangnan NPPs are managed by the Company as entrusted by the controlling shareholder.







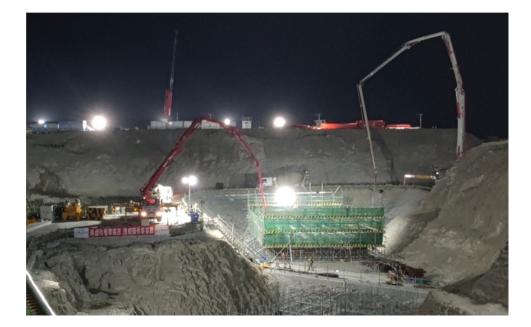
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Shortened the construction time for critical path of Huizhou Unit 2 by 2 months



Use laser technology to assist inspection and repair of turbines, reducing the outage time by 37.5 hours







Open, Honest and Transparent, Remarkable Environmental Benefits Achieved

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01. Proactive information disclosure and continuous public education on nuclear power



02. Normal environmental monitoring results and on-going ecological environment protection



03. Significant energy saving and emission reductions



On-grid nuclear power generation in 2020 was about 186,487 Gwh, represented

A reduction of about 56.97 million tons of standard coal consumption



A reduction of about 156.27 million tons of CO₂ emissions

With an equivalent effect of planting a forest of **0.41 million hectares**.





Enhanced ESG Management for Sustainable Development

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ESG—Environmental, Social and Governance ESG investment philosophy has become one of the most important development directions in the responsible investment field globally.





Our ESG ratings continue to improve (MSCI, Dow Jones, CDP, etc.)

Shortlisted for the "China ESG Golden Awards" organized by Sina Finance for the first time and won the "Best Corporate Governance Award" and "Best Enterprising Award for Responsibility" Clean-Green-Nature

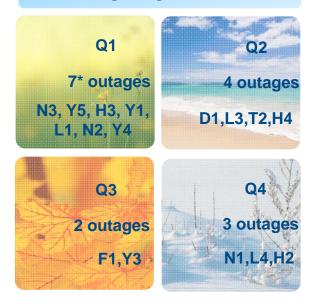


Key Tasks in 2021

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- ✓ Safe and stable operation of in-services units
- High-quality commercial operation of Hongyanhe Unit 5
- ✓ Average utilization hours not lower than the average of last three years
- ✓ 16 refueling outages

Refueling Outage Plan for 2021





- Breakthrough in key technologies and application of research results
- Lean management and strict control of construction and operation costs
- Developing marketing capabilities for power market and engaging in marketing actively
- Pushing forward the approval of new projects and preparing for kick-off of those projects

Note*: The 7 outages in 2021 Q1 include two cross-year outages of N3 and Y5, which started in late December, 2020 and were completed in January 2021.

Note: D-Daya Bay. L-Ling'ao & Lingdong. Y-Yangjiang. N-Ningde. H-Hongyanhe. F-Fangchenggang. T-Taishan

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Improving business analysis

Strictly controlling various non-essential and non-urgent expenses

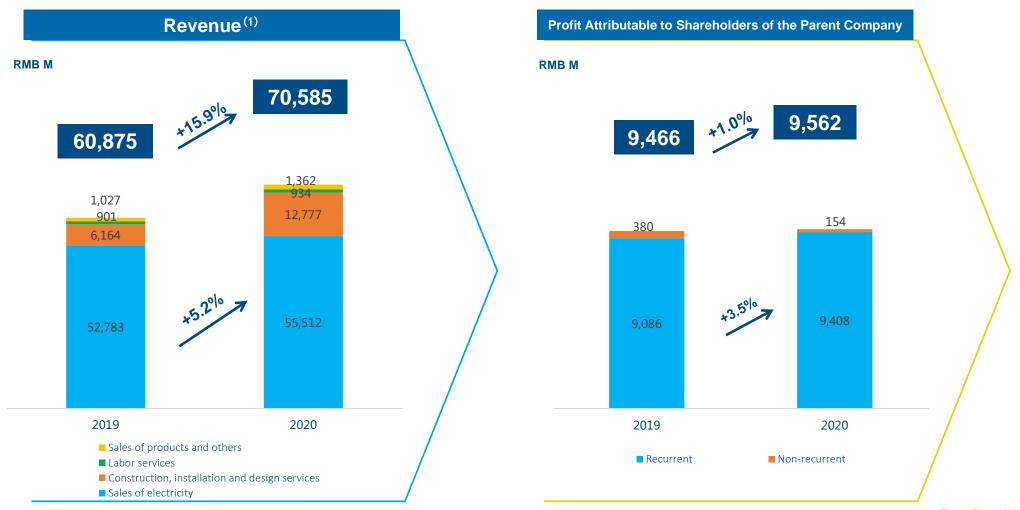
Strictly controlling the construction cost of nuclear power projects

Constantly optimize nuclear power operation and maintenance costs



Steady Growth of Revenue and Core Profitability

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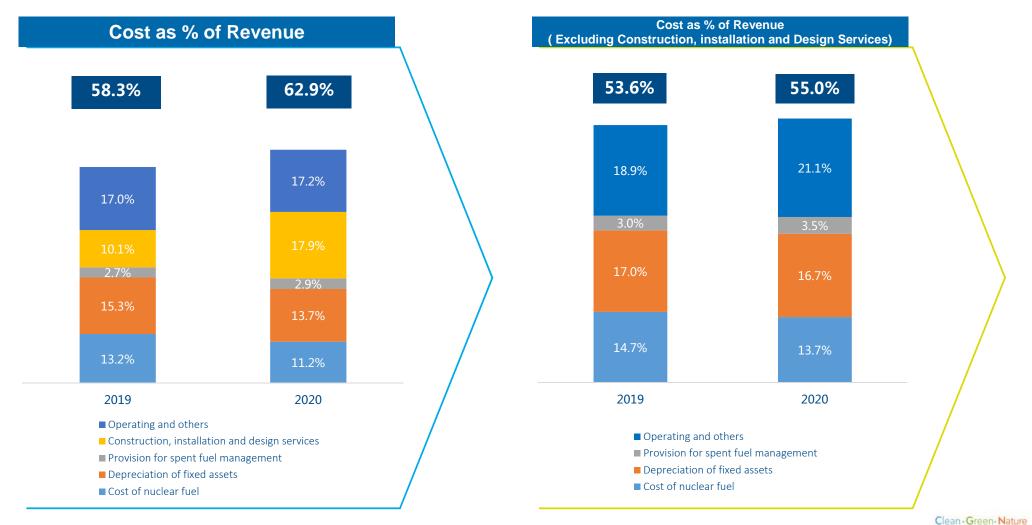
Note1: Hongyanhe Nuclear is not included in the consolidated financial statements, therefore the revenue of Hongyanhe Nuclear is not included in the Company's revenue.

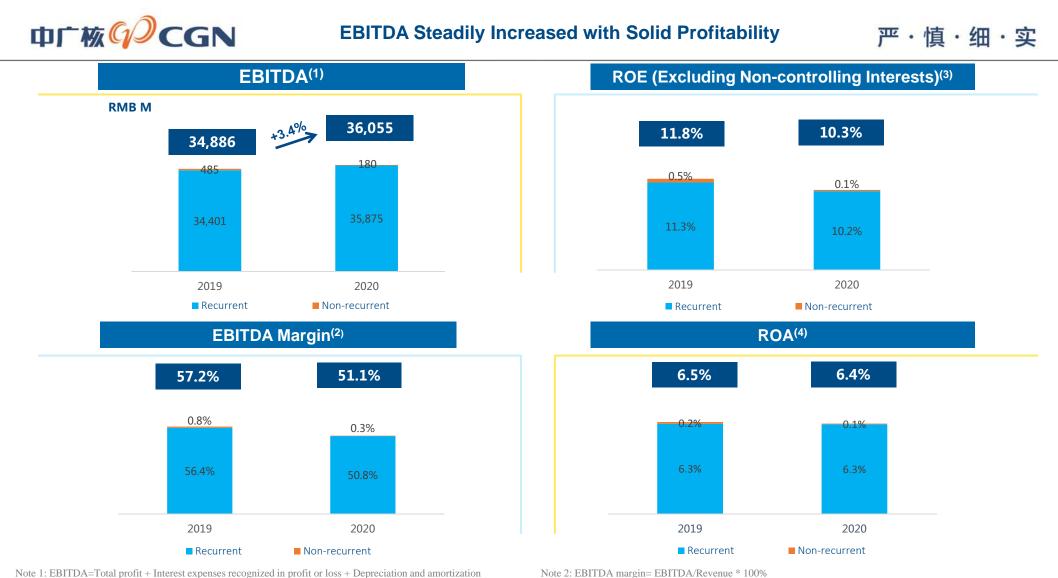
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Stable Cost Due to Effective Control Approaches

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Note 3: ROE(Excluding non-controlling interests)= Net profit attributable to shareholders of the parent company/Average equity attributable to shareholders of the parent company (the arithmetic mean of the opening and closing balances) * 100%

Note 4: ROA(Return on total assets)= (Total profit + Interest expenses recognized in profit or loss)/Average total assets (the arithmetic mean of the opening and closing balances) * 100%

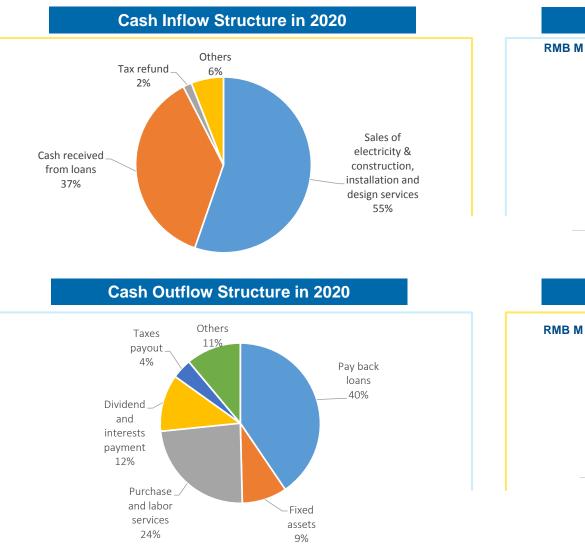
2020 Annual Results-27

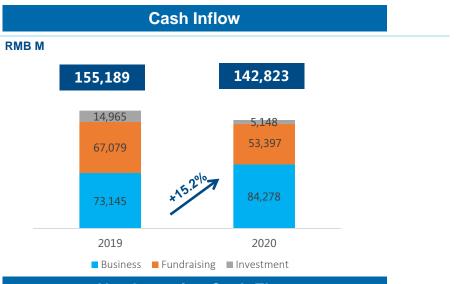
Clean - Green - Nature



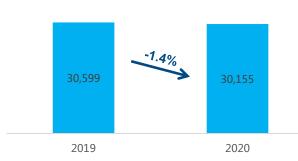
Keeping Operating Cash Flow Steadily

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Net Operating Cash Flow

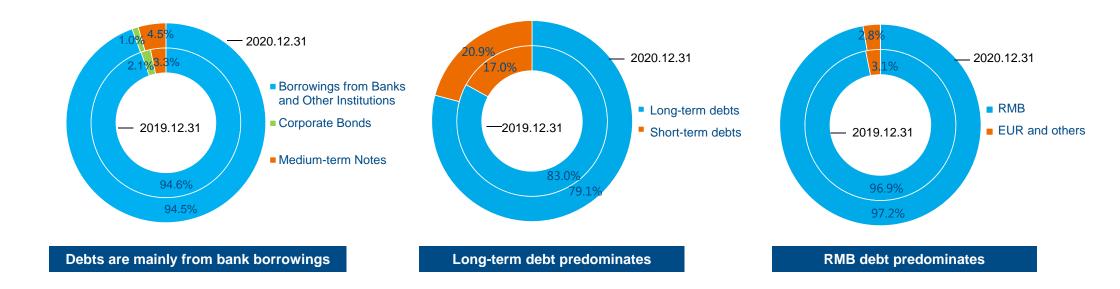


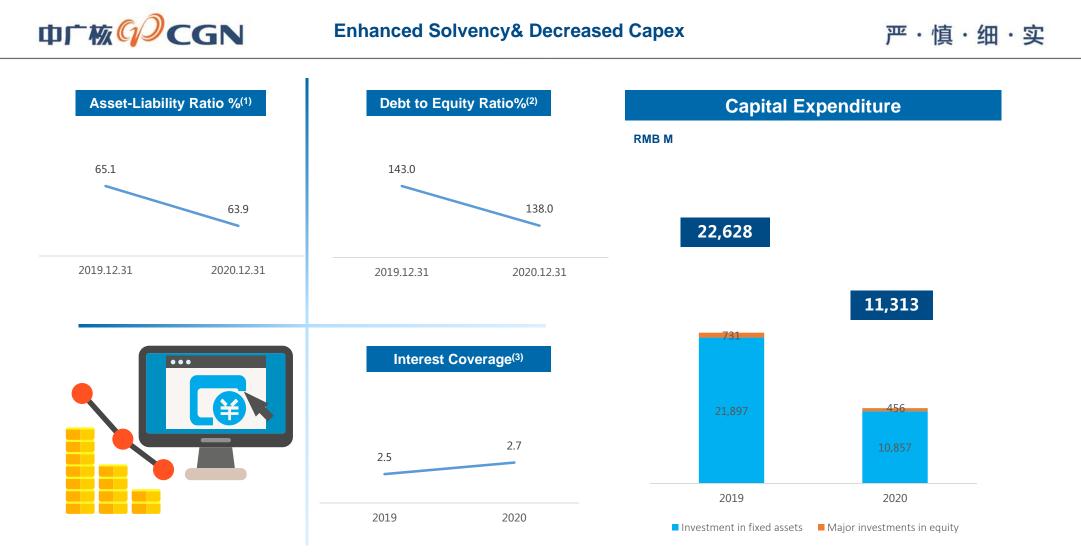
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In 2020, we carefully planned to complete the conversion of the loan prime rate(LPR) of existing long-term loans ahead of schedule, reducing annual financial expenses by approximately RMB200 million.





Note1 : Asset-Liability ratio=(Total liabilities / Total assets)*100%

Note2 : Debt to equity ratio=Net debt (the total amount of bank and other borrowings less cash and cash equivalents and other deposits over three months)/Total shareholders' equity*100% Note3 : Interest coverage=(Total profit + Interest expenses recognized in profit or loss)/(Interest expenses recognized in profit or loss + interest expenses capitalized)

