Renewable Japan Co., Ltd.

Company Information Material

Renewable Japan

2022_1st half-year

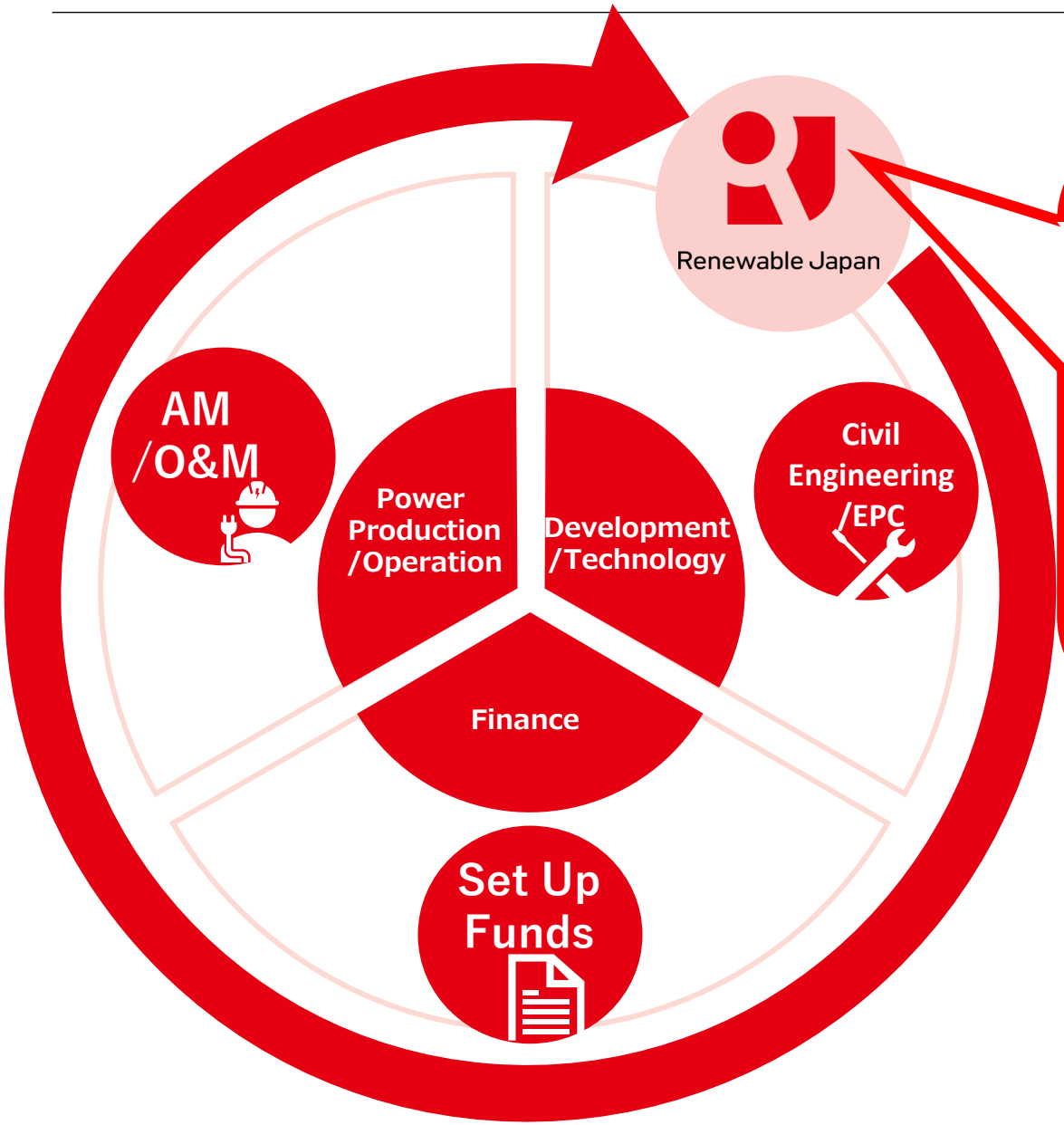
Founder and the Background of Founding

Bio of President and Representative Director, Katsuhito Manabe

1991	Joined Lehman Brothers Japan Inc.
2005	Joined Barclays Capital Securities Ltd. (current Barclays Securities Japan Limited)
2008	Appointed as President and Representative Director of ZAIS Japan
2011	The Great East Japan Earthquake (Brought water purification equipment to the affected area)
2012	Founded RJ and became its President and Representative Director (current)

Solar-powered water purification equipment

From Development to Power Production/Operation



RJ is Renewable energy producer/developer conducting all processes in one stop

Management Team with Significant Expertise

Katsuhito Manabe Chief Executive Officer President
Motivated by the Great East Japan Earthquake, he established Renewable Japan in January 2012 and became its Representative Director in order to embark on renewable energy business in Japan. He concurrently serves as Vice President of Committee for Promotion of Long-term Stable Renewable Energy Sources ("REASP"). Prior to the establishment of Renewable Japan, he was involved in overseas mega solar projects in the capacity of Representative Director of a foreign investment bank and a U.S. investment company, ZAIS Japan.

Daisuke Sano Director, and Senior Managing Executive Officer
After joining Renewable Japan in December 2014 and subsequently serving as Executive Officer and General Manager of Financial Business Division, he assumed the position of Director in June 2015. Prior to joining Renewble Japan, he worked at financial companies in Japan and overseas, including Lehman Brothers Securities and Barclays Securities.

Tatsuaki Makino Director and Managing Executive Officer
After joining Renewable Japan in September 2016 and subsequently serving as General Manager, Strategic Business Division of the Financial Services Division, he became a Director in August 2017. Prior to joining Renewable Japan, he worked at a construction company, a bank, and a U.S. investment company.

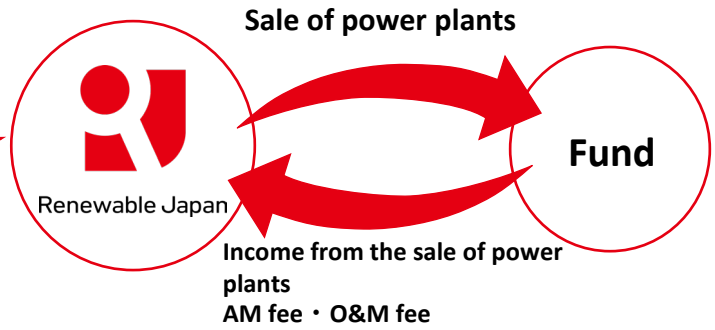
Yasuyuki Saito Director, Managing Executive Officer
In March 2018, he assumed the position of Director. Prior to joining Renewable Japan, he served as Director and Senior Managing Executive Officer of the Industrial Systems Division of Toshiba Plant Systems & Services Corporation.

Three Stages

1st Stage (Accomplished)

Asset Management Model

Sell power plants and receive stable AM and O&M fees

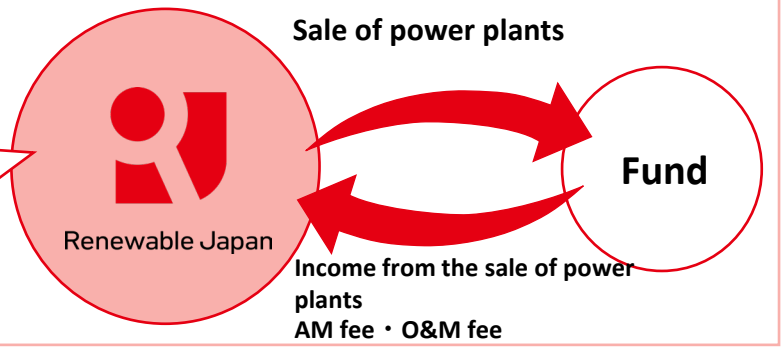


2nd Stage (Accomplished)

Stock Business Model

(Recurring revenue model)

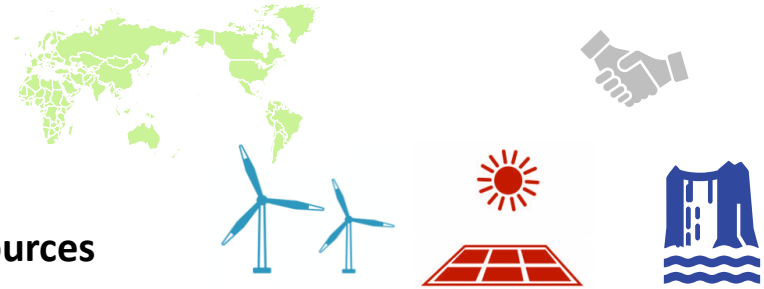
Own power plants as well as selling



3rd Stage (Further step)

New Market

- Overseas
- Non-FIT
- Other energy sources



The key performance indicator (KPI) for RJ is EBITDA(the earning power)

5 revenue sources for stock business

2nd Stage (Achieved)

	End of Dec. 31, 2021	End of June. 30, 2022
1. high FIT	Total net share of power plants owned by RJ (in operation) 154.8MW	337.4MW
2.O&M	PV Capacity in O&M business (RJ and third parties) 986.5MW	1,144.0MW

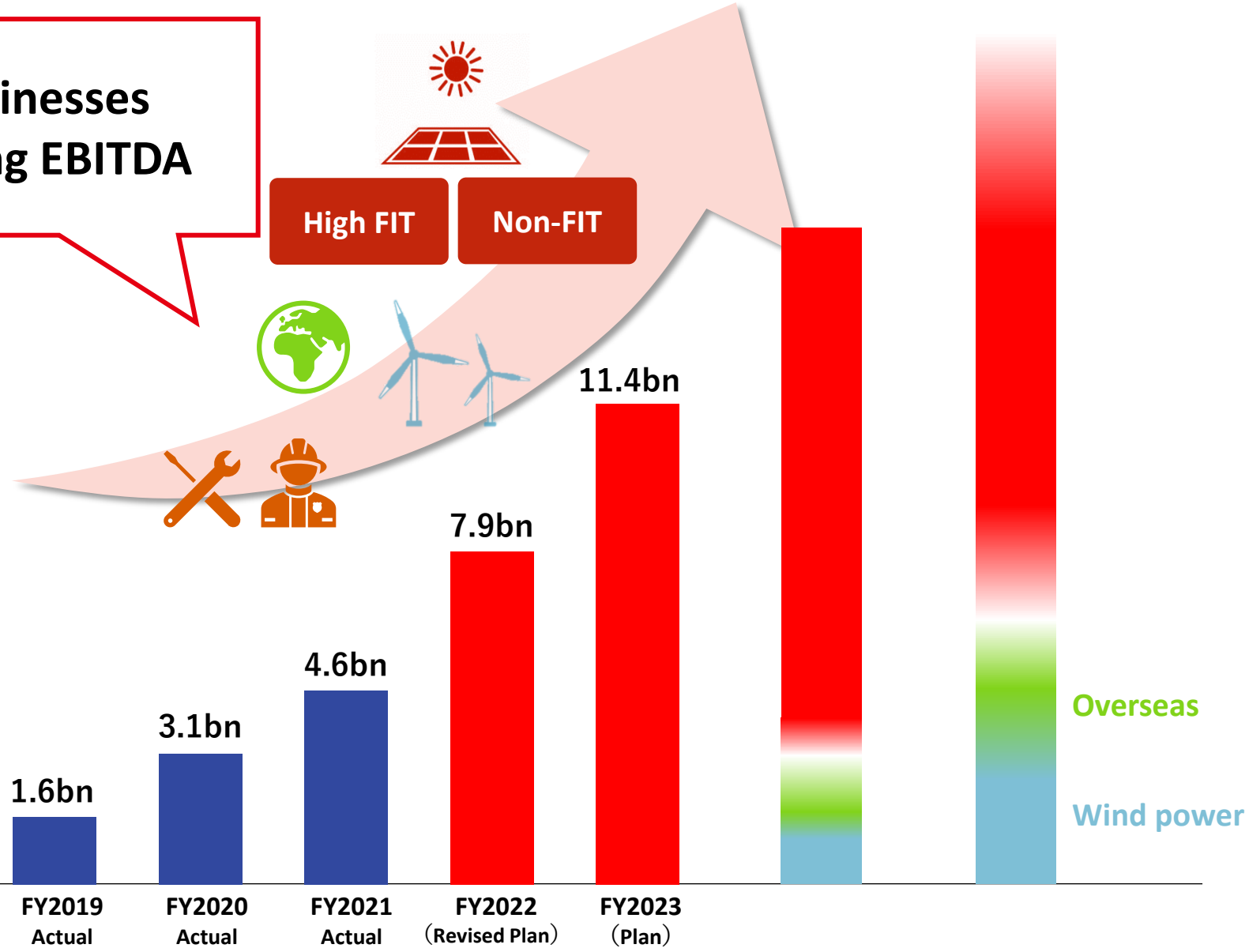
O&M Business : Verification/Patrolling/Reporting,etc. of power plants operation

3rd Stage (Further step)

3. Non-FIT	Market is expected to expand exponentially in the future.
4. Wind power	Further development is projected.
5. Overseas	A developing team has been formed in Spain. Buying several assets is projected.

Growth Driver of EBITDA

5 businesses boosting EBITDA



* The FY2023 plan is for reference only and has not been approved by the Board of Directors.

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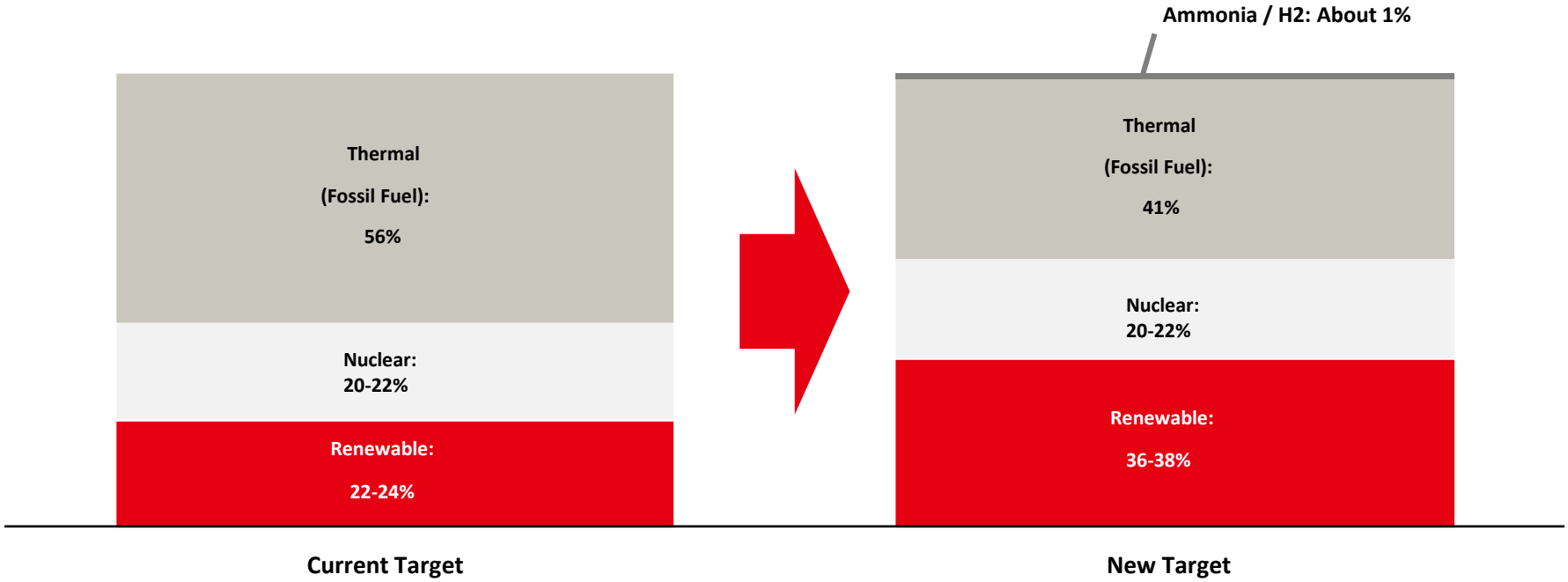
1 Rapidly Expanding Renewable Energy Market in Japan

The Sixth Basic Energy Plan

Ratio of Renewable energy expands to 1.5 times (Target for FY2030)



Source： Agency for Natural Resources and Energy ”The Fifth Basic Energy Plan” and ”The Sixth Basic Energy Plan
* Compiled by Renewable Japan Co., Ltd. based on Agency for Natural Resources and Energy ”The State of Energy Policy Toward FY2030”.
“The FY 2030 target (new plan)” is a figure stated in the Agency for Natural Resources and Energy's "Outline of the Sixth Basic Energy Plan" as "an indication of what the outlook for energy supply and demand will be if we ambitiously assume that various issues will be overcome.

The Sixth Basic Energy Plan【Energy Mix】

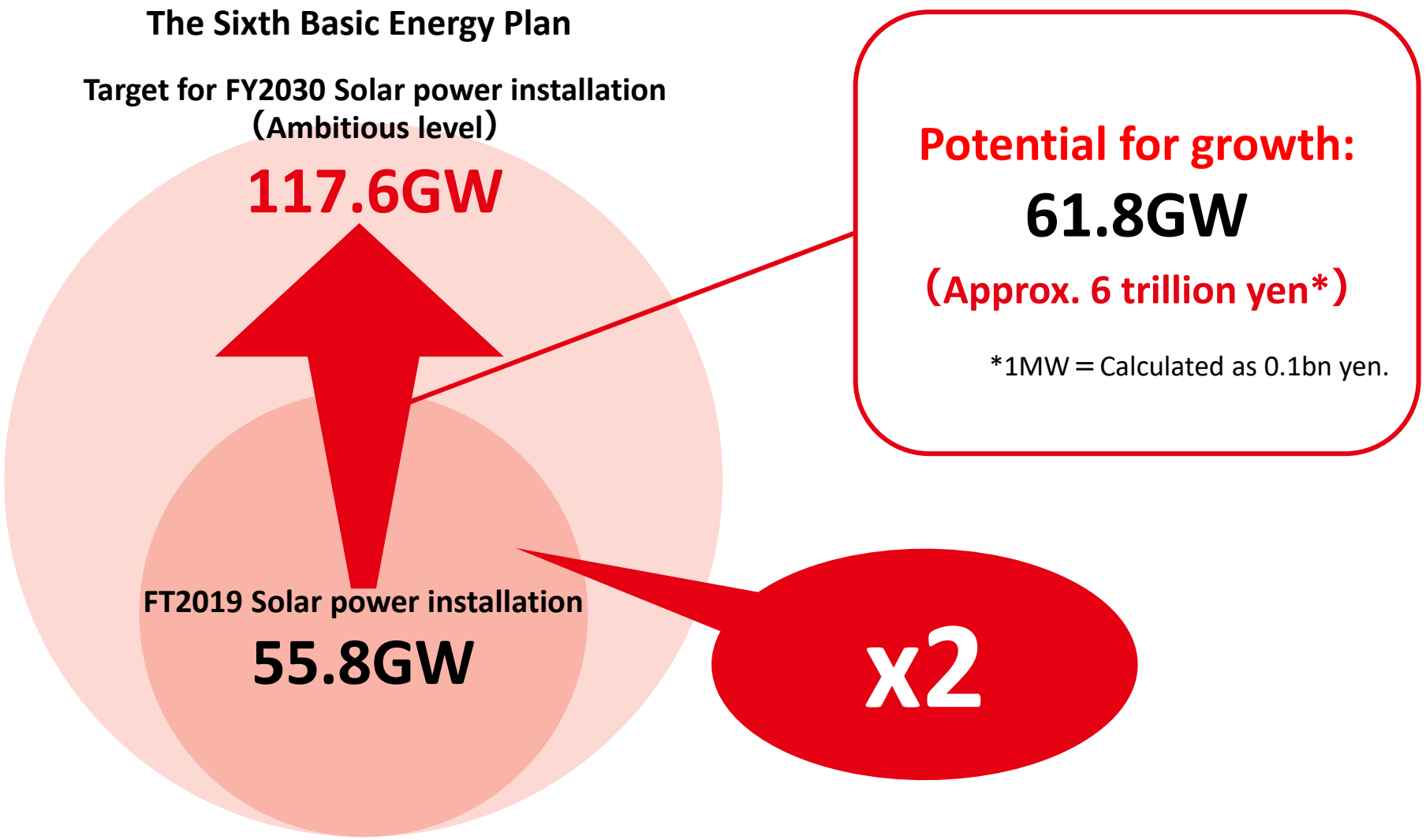
The Growth Area in Energy Mix set for FY2030 is

Solar and Onshore Wind Power

■ Target Renewable Energy Mix for FY2030		
	Current Target	New Target
Solar	7.0%	14.0-16.0%
Wind	1.7%	5.0%
Geothermal	1.0-1.1%	1.0%
Hydro	8.8-9.2%	11.0%
Biomass	3.7-4.6%	5.0%

Source： Agency for Natural Resources and Energy ”The Fifth Basic Energy Plan” and ”The Sixth Basic Energy Plan
*Compiled by Renewable Japan Co., Ltd. based on ” Trends since the formulation of the Basic Energy Plan and the direction of future actions”

Opportunity for the Development of Renewable Energy Market - 1



Source： Compiled by Renewable Japan Co., Ltd. based on Agency for Natural Resources and Energy "The State of Energy Policy Toward 2030"

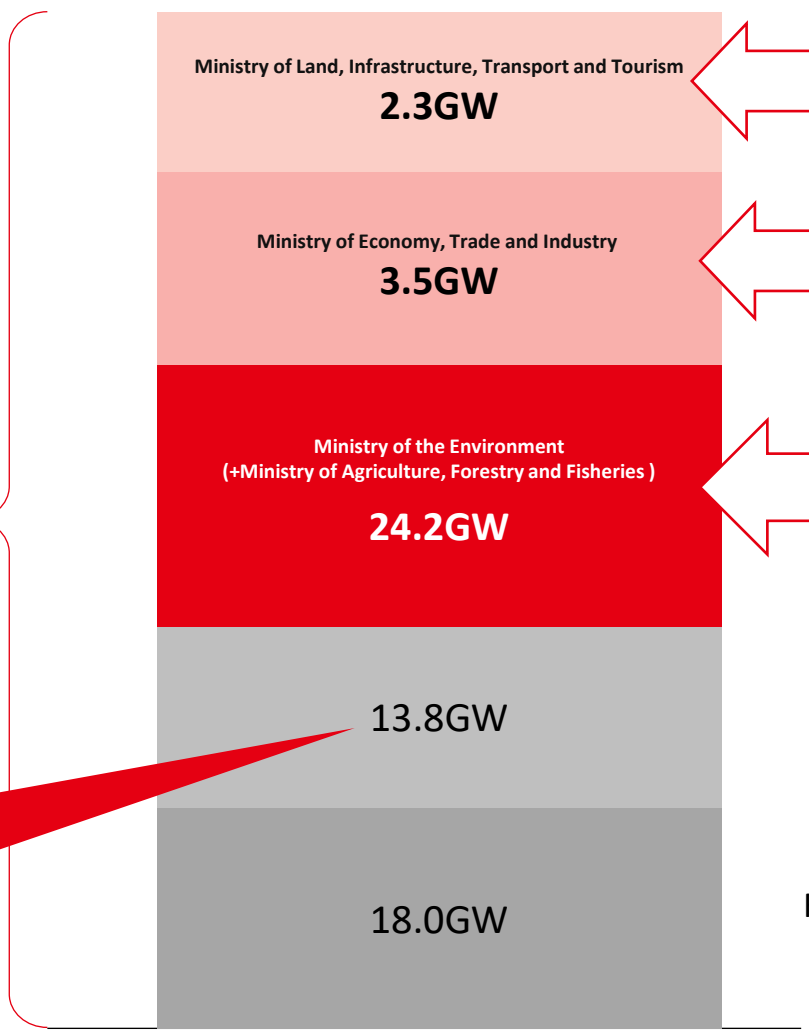
Opportunity for the Development of Renewable Energy Market - 2

Potential growth area

Target for FY2030 solar power installation (Ambitious level)

61.8GW

(Approx. 6trillion yen)



Utilizing airports for renewable energy hub

Promoting measures for new housing

Utilizing of agricultural land & public facilities. Promotion of self-consumption

Organic growth
(Approx. 1.5GW/year x 10 years)

FIT that is not in operation

In addition, each ministry supports the promotion of renewabsle energy. Ex. Utilization of unknown owner land.

Source： Compiled by Renewable Japan Co., Ltd. based on materials of each ministries and Subcommittee on Large-Scale Introduction of Renewable Energy and Next-Generation Power Networks

* This document is based on the current target and data. These may be changed due to updates of target and data in the future.

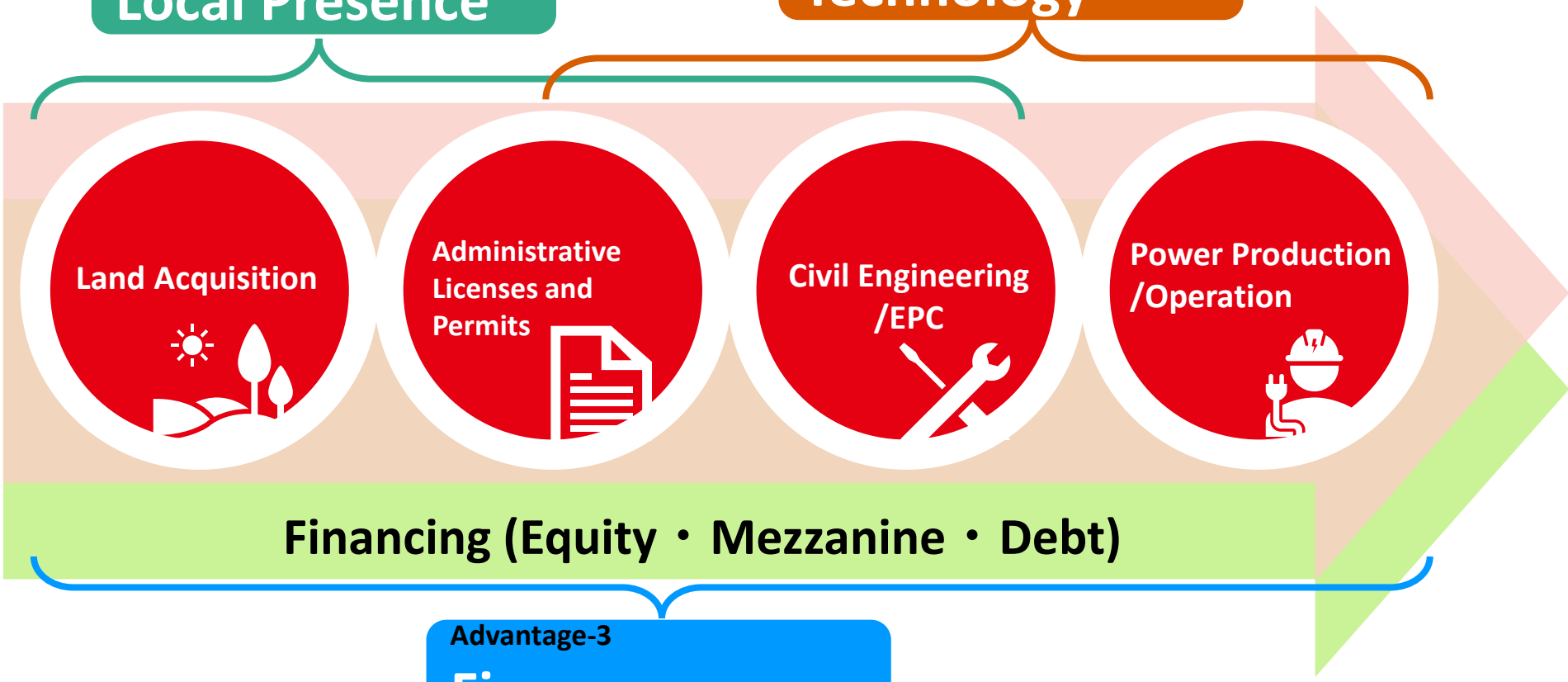
2 RJ’s Advantages and Business Model

From Development to Power Production/Operation

Three Advantages of RJ's One -Stop Service

Advantage-1
Local Presence

Advantage-2
Technology



Advantage-3
Finance

Three Advantages of RJ's One -Stop Service

Power Production

Development

1. Local Presence

Presence all over Japan

Local bases

28 locations

2. Technology

In-house EPC + O&M

Tech team

152 members

3. Finance

Financial innovation

Project bond

Share 33%

*as of July 1, 2022

Comparison to Other Companies

	Company	Main Business	Advantage		
			Local Presence	Technology	Finance
1. Focus on Renewable energy (Industry type: Electricity, gas)	Renewable Japan	**Development (Low-FIT-High-FIT) + IPP/O&M**	◎	◎	◎
	Company A	Development (High-FIT Only) + IPP	○	○	◎
2.Side Business (Industry type: Construction)	Company B	PPS (Power Production and Supply) + Contracted construction	◎	◎	△
	Company C	PPS (Power Production and Supply) + Contracted construction	△	◎	△

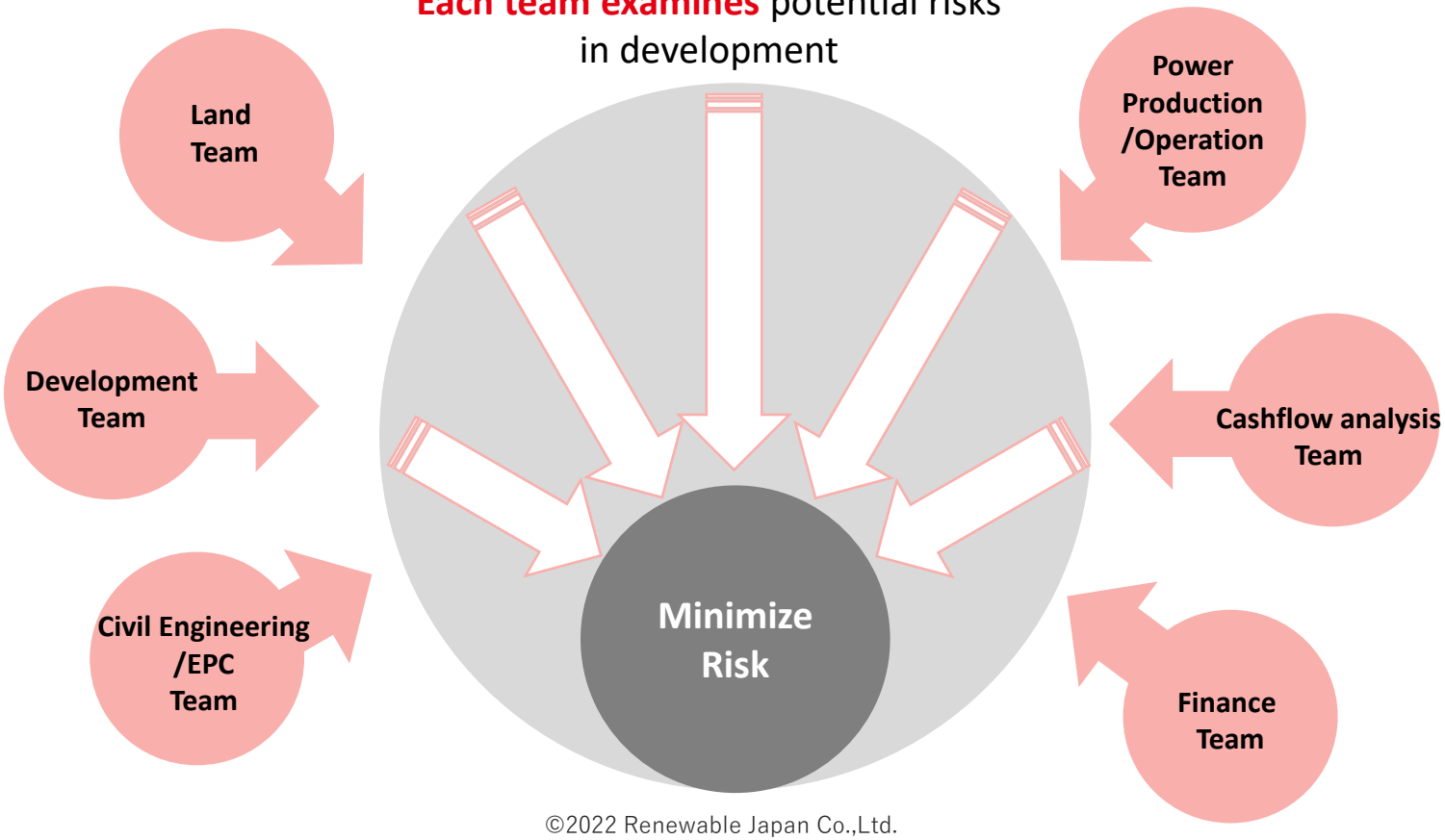
The majority of sales are PPS + Contracted construction

Corporate Structure to Optimize Development

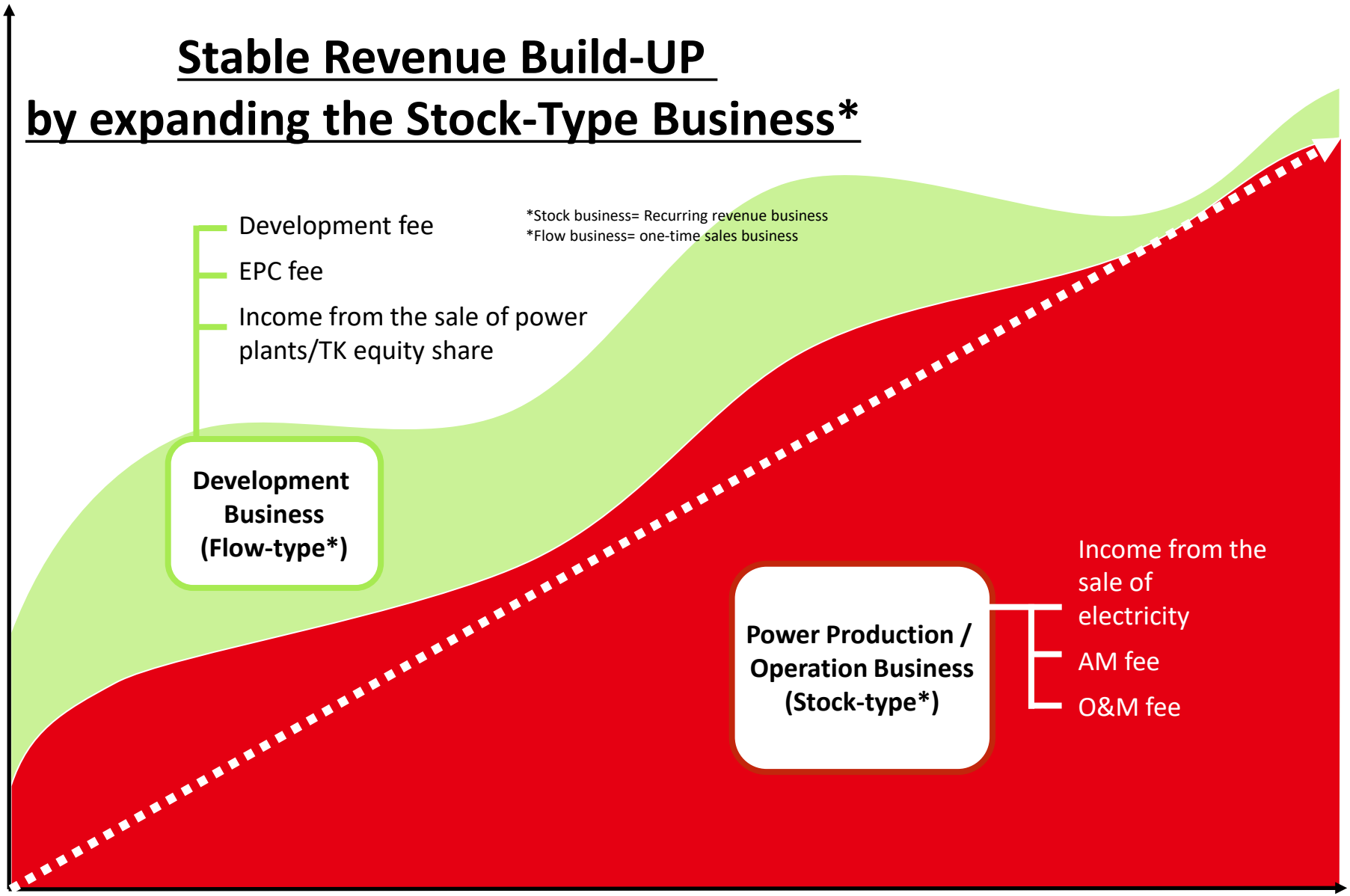
Conduct Due Diligence (Review/Study) for Project Development/Acquisition within the company

Speedy Project Development/Acquisition with minimized risks

Each team examines potential risks in development



Expansion of Stock-type Business



Expanding RJ's Independent Power Production Business (2nd Stage)

Power Plants Owned by RJ (Plants in operation + Plants Under development)

Total Net share* 415.1MW

"Net share" stands for total value of each panel output multiplying RJ's equity share.

* As of June 30, 2022

337.4MW In Operation (Net share)	77.7MW Under Development (Net share)	Further Acquisition (70-80MW/year or more)
Plants in operation	Plants under development	Acquire additional plants

3 Three Advantages of RJ's "One stop" Service

1. Local Presence

2. Technology

3. Finance

1. Local Presence

Abundant Track Record of Development/Acquisition

Abundant Development/ Acquisition Track Record (Total 185 plants, 887.8MW)

Annual CO_2 Reduction*:**430,671.7t** (Estimate)

*Basically, the number is counted by ID

* As of June 30, 2022

Solar






Hydro

Wind

Under Development

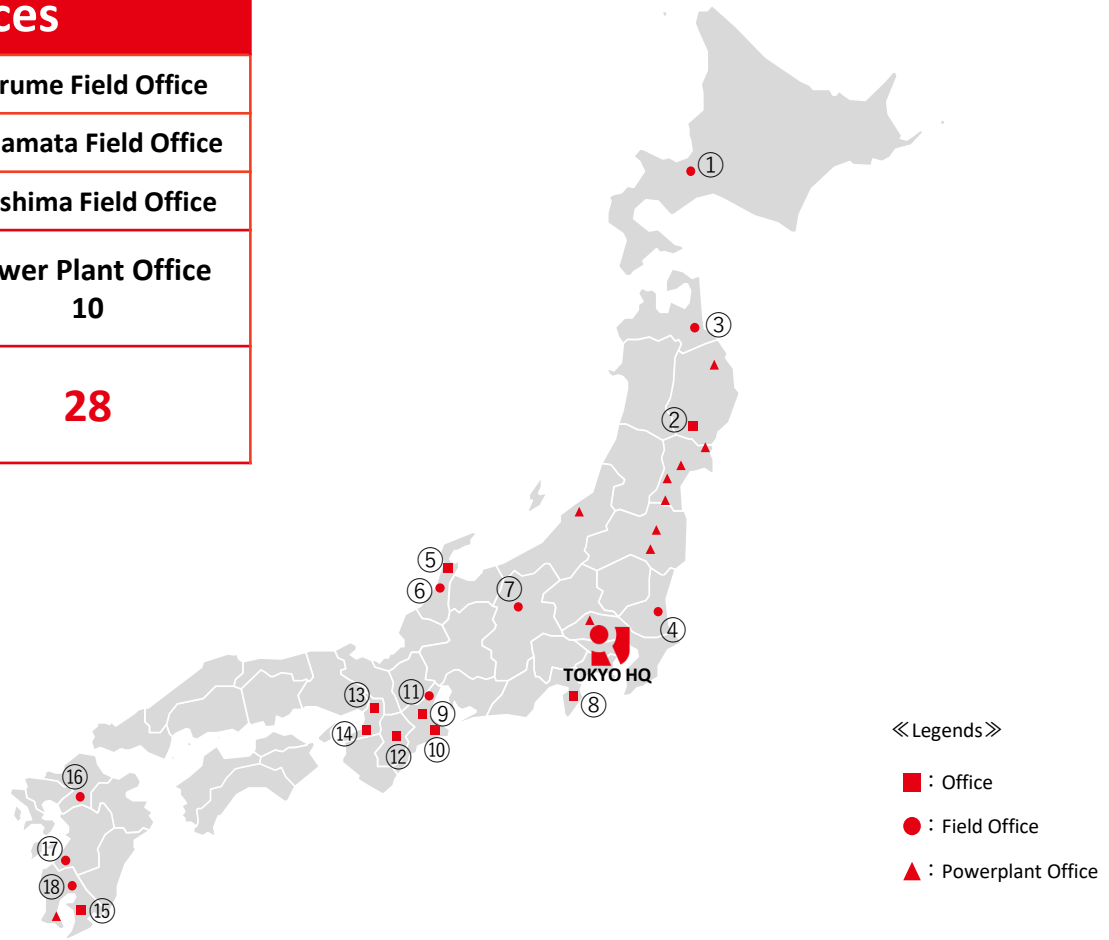
* "Annual CO2 Reduction" refers to the amount of CO2 emitted if the annual amount of power generation (the amount of power generation achieved without emitting CO2) calculated based on our track record of developing renewable energy power plants is assumed to be generated using methods other than renewable energy.
Specifically, it is calculated by multiplying the Company's renewable energy power plant development results to date by the annual amount of power generation per MW, and then multiplying that by the CO2 emission coefficient (0.441) set for FY2020 announced by the Council of Electric Utility Companies for Low Carbon Society.

1. Local Presence

Business expansion by utilizing regional bases

Use our 28 bases all over Japan for Development and O&M

Major Regional Offices			
1.	Sapporo Field Office	16.	Kurume Field Office
2.	Iwate Office	17.	Minamata Field Office
3.	Aomori Field Office	18.	Kirishima Field Office
4.	Namekata Field Office	Others	Power Plant Office 10
5.	Noto Office		
6.	Ishikawa Field Office	Total	28
7.	Suwa Field Office		
8.	Shizuoka Office		
9.	Matsusaka Office		
10.	Ise Office		
11.	Yokkaichi Field Office		
12.	Yoshino Office		
13.	Osaka Office		
14.	Osaka Central Office		
15.	Kagoshima Office		



*as of July 1, 2022

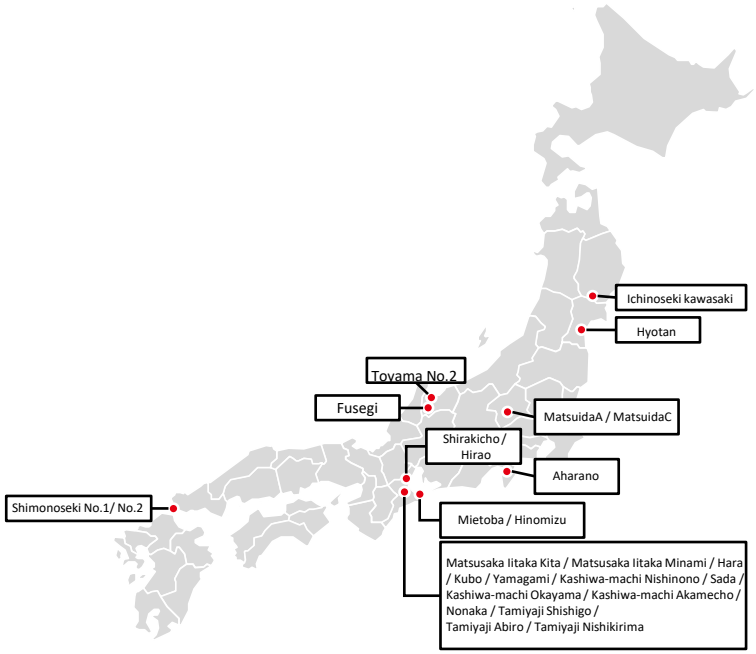
2. Technology

Excellent engineering knowhow of RJ's in-house EPC

Expansion of in-house EPC using the special construction license (same license as general contractors)

Engineering, Procurement and Construction (EPC) Achievements
Total 26 plants
PV Capacity 46.1 MW

*Basically, the number is counted by ID
*As of June 30, 2022



Advantages of owning a construction unit

1. Reduce cost by negotiating directly with manufacturer
2. Be able to control outsourced contractors
3. Perform large scale maintenance related to O&M within the company

Low-Cost and High-Quality O&M Business

238 plants, 1,144.0 MW (PV Capacity) in O&M business

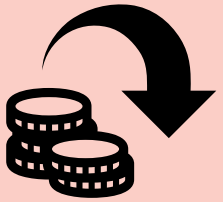
- Incl. external development contracts (69 plants, 525.2 MW (PV Capacity))

*Basically, the number is counted by ID
*As of June 30, 2022

Promotion of in-house production

(Mowing, Inspection, etc.)

→ **Reduce Cost**



Technology

Conducting all processes in one stop

→ **Respond to various needs swiftly**

Project Bond Achievements

RJ's Record

Renewable Japan Project Bond I
4.7 bn yen
14.5MW
Sole Lead Manager BARCLAYS
Aug. 2017

Renewable Japan Project Bond II
6.9 bn yen
16.5MW
Sole Lead Manager BARCLAYS
Apr. 2018

Renewable Japan Project Bond III
8.9 bn yen
22.0MW
Sole Lead Manager BARCLAYS
Feb. 2019

Renewable Japan Project Bond IV
5.7 bn yen
14.8MW
Sole Lead Manager BARCLAYS
Jun. 2019

Renewable Japan Project Bond V
6.9 bn yen
20.4MW
Sole Lead Manager BARCLAYS
Dec. 2019

Renewable Japan Project Bond VI
11.1 bn yen
22.8MW
Sole Lead Manager BARCLAYS
Nov. 2019

Renewable Japan Project Bond VII
14.5 bn yen
38.1MW
Sole Lead Manager BARCLAYS
Aug. 2020

Renewable Japan Project Bond VIII
12.7 bn yen
42.3MW
Sole Lead Manager BARCLAYS
Feb. 2021

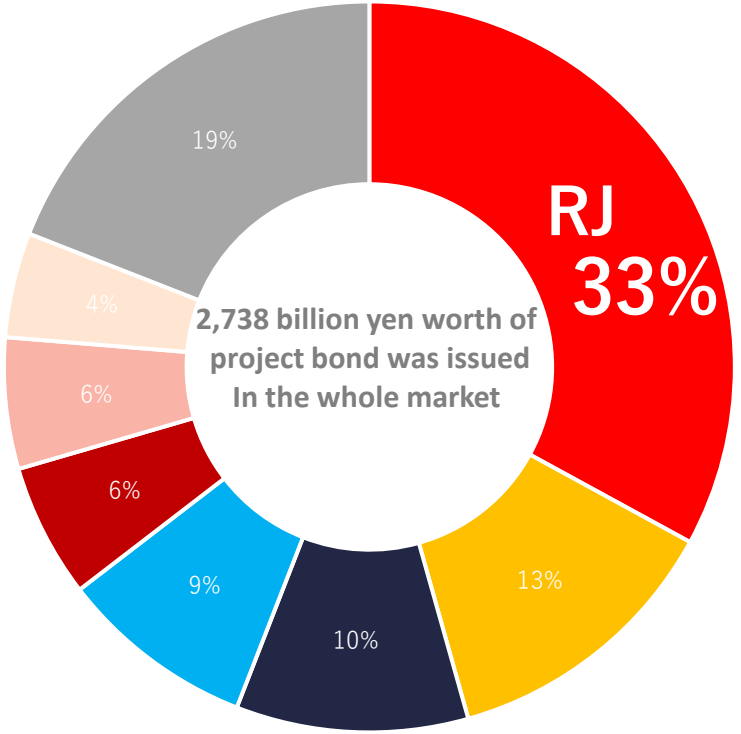
Renewable Japan Project Bond IX
10.2 bn yen
25.8MW
Sole Lead Manager BARCLAYS
Mar. 2021

Renewable Japan Project Bond X
4.7 bn yen
14.5MW
Sole Lead Manager BARCLAYS
Sep. 2021

Renewable Japan Project Bond XI
4.0 bn yen
10.5MW
Sole Lead Manager BARCLAYS
Jan. 2022

■ : Project bonds that have received a project bond rating from Rating and Investment Information, Inc.(R&I)

Renewable Japan Co., Ltd
Apr.2017-June.2022
No. 1 share in Project Bond Issuance in Japan
11 issued 90.2 billion yen (33%)



Green Bond Rating(R&I)
GA 1 (Top rated)

- Compiled by Renewable Japan Co., Ltd. based on Japan Securities Dealers Association's "Securitization Market Survey Report" and the number described on websites of R&I and Journal Citation Reports as of June 30, 2022.

4

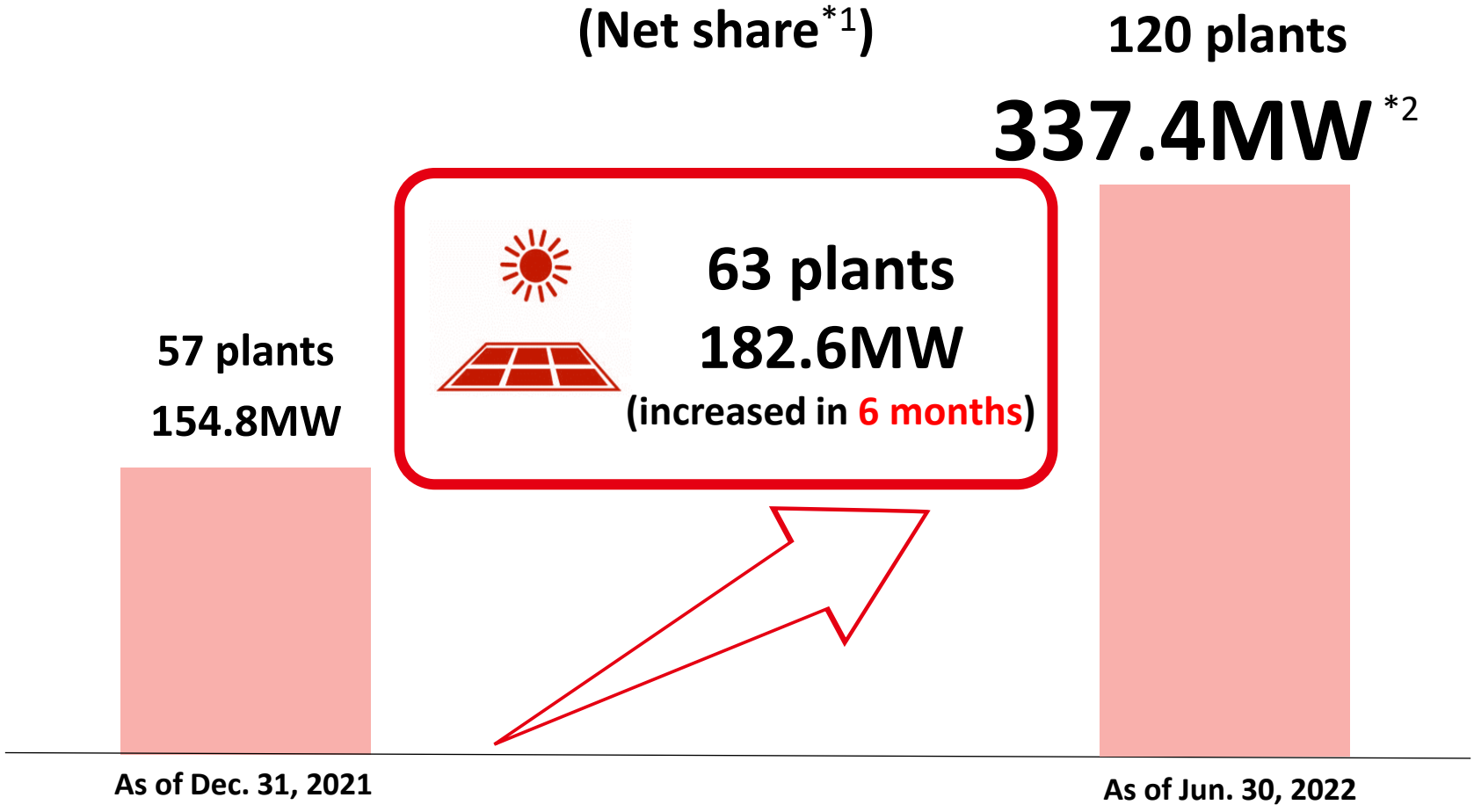
5 revenue sources for stock business supporting EBITDA

Significant Increase of Power Plants Owned By RJ

1. High FIT

Plants in operation owned by RJ

(Net share*1)



*1 "Net share" stands for total value of each panel output multiplying RJ's equity share.

*2 The existing projects owned by the Renewable Japan Energy Infrastructure Fund, Inc. are to be 100% owned by RJ by the squeeze-out.

Significant Increase of Power Plants Owned by RJ (Breakdown)

1. High FIT

63 plants (182.6MW) have been increased during the period from end of Dec. 2021 – end of Jun. 2022)

TOB- Renewable Japan Energy Infrastructure Fund, Inc. (109.2MW*, 55 plants)

+

Started operation of power plants which were being developed (57.3MW, 2 plants)
⇒Ichinoseki and Hirono-cho in Iwate Pref.

+

Other purchase etc. (16.1MW, 6 plants)

63 plants
182.6MW

* The existing projects owned by the Renewable Japan Energy Infrastructure Fund, Inc. are to be 100% owned by RJ by the squeeze-out.

Toward the Achievement of 2GW(2,000MW) in O&M in 2025

2. O&M

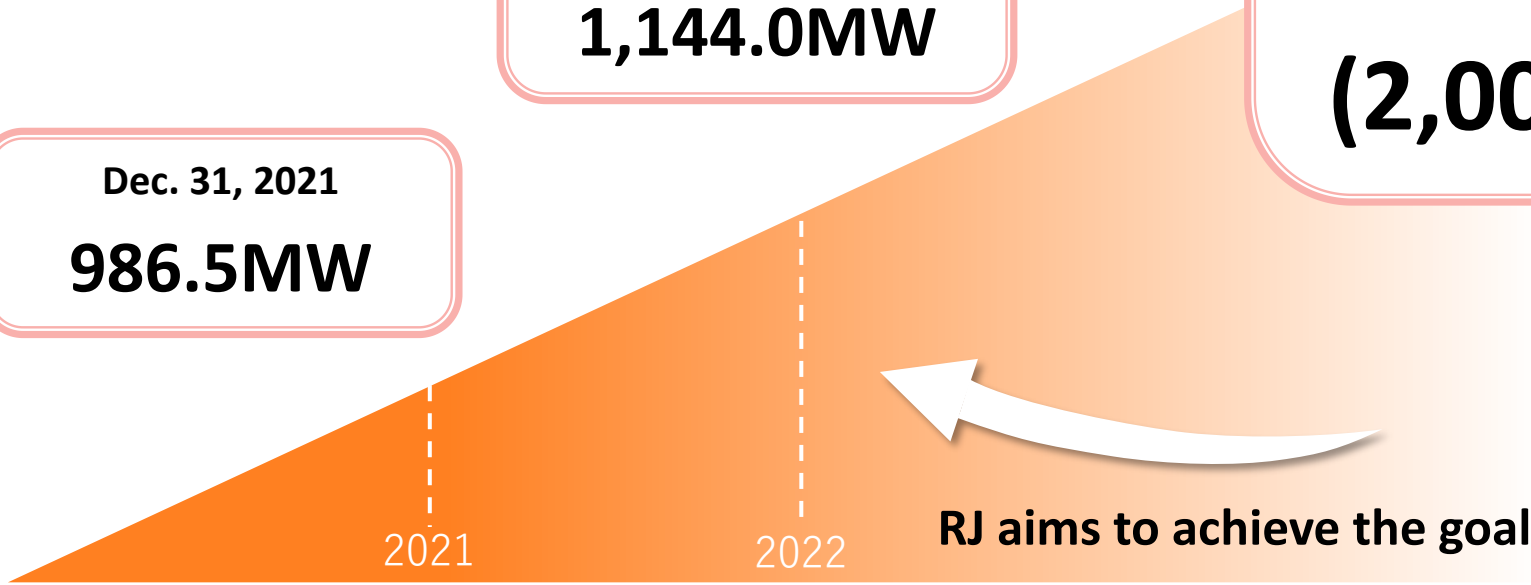
We aim to achieve the target of 2GW(2,000MW) in 2025 by acquiring 250MW per year.
The achievement rate for the first half of the year remains steady at approx. 115%.

Achieved 115% of our target in 6 months

Jun. 30, 2022
1,144.0MW

Dec. 31, 2021
986.5MW

2025 Target
2GW
(2,000MW)



RJ aims to achieve the goal ahead of schedule

Market Expansion

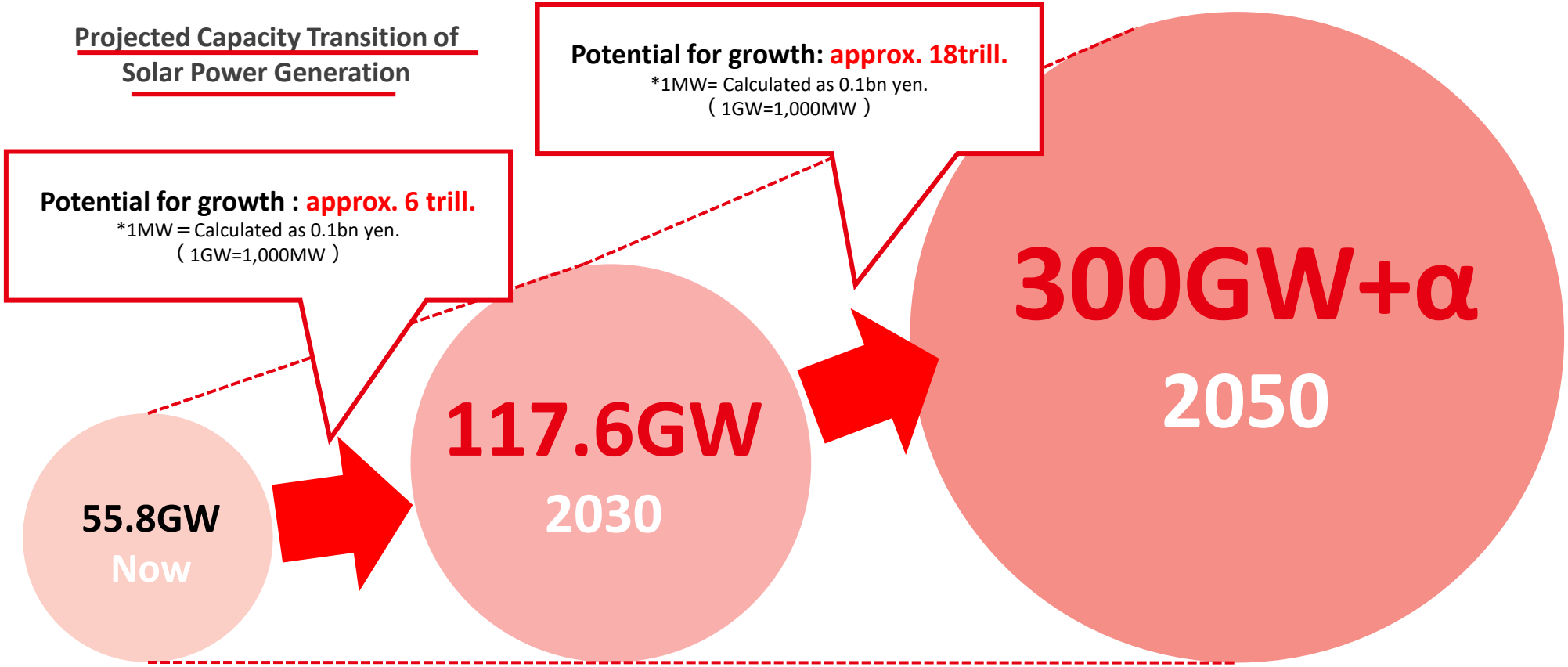
3. Non-FIT

The market is expected to expand exponentially

Projected Capacity Transition of Solar Power Generation

Potential for growth : approx. 6 trill.
*1MW＝Calculated as 0.1bn yen.
（1GW=1,000MW）

Potential for growth: approx. 18trill.
*1MW= Calculated as 0.1bn yen.
（1GW=1,000MW）



Source： Compiled by Renewable Japan Co., Ltd. based on Agency for Natural Resources and Energy "The State of Energy Policy Toward 2030".
Japan Photovoltaic Energy Association, "Toward Achieving Carbon Neutrality in 2050 -Solar Power 2030 Operating Targets and Challenges.

Toward Further Development of Wind Power Development

4. Wind power

In addition to the existing project below, further development is planned.

Power Output : 25.2MW

Date of Acquisition : February 2017(FIT=22 yen)

Status : Under Development

Scheduled Commercial Operation Date : Year 2026

+

Further development is planed

Toward Overseas Development

5. Overseas

Formed a developing team in Spain
Buying several assets is considered.

Toward Overseas Development
- Characteristics of the Spanish Market

5. Overseas

Big Environmental Differences

	Japan 	Spain 
Land	Lots of mountains, few flat lands	**Many flat lands**
Solar Radiation	1,100 kWh/kWp* on average	**1,800 kWh/kWp in some regions**

*kWp: A unit that expresses the power that can be generated from renewable energy, variable power sources under standard measurement conditions. 1kWp refers to the installed capacity to generate 1kW of electricity under standard measurement conditions.
Source: Compiled by RJ based on the Global Solar Atlas

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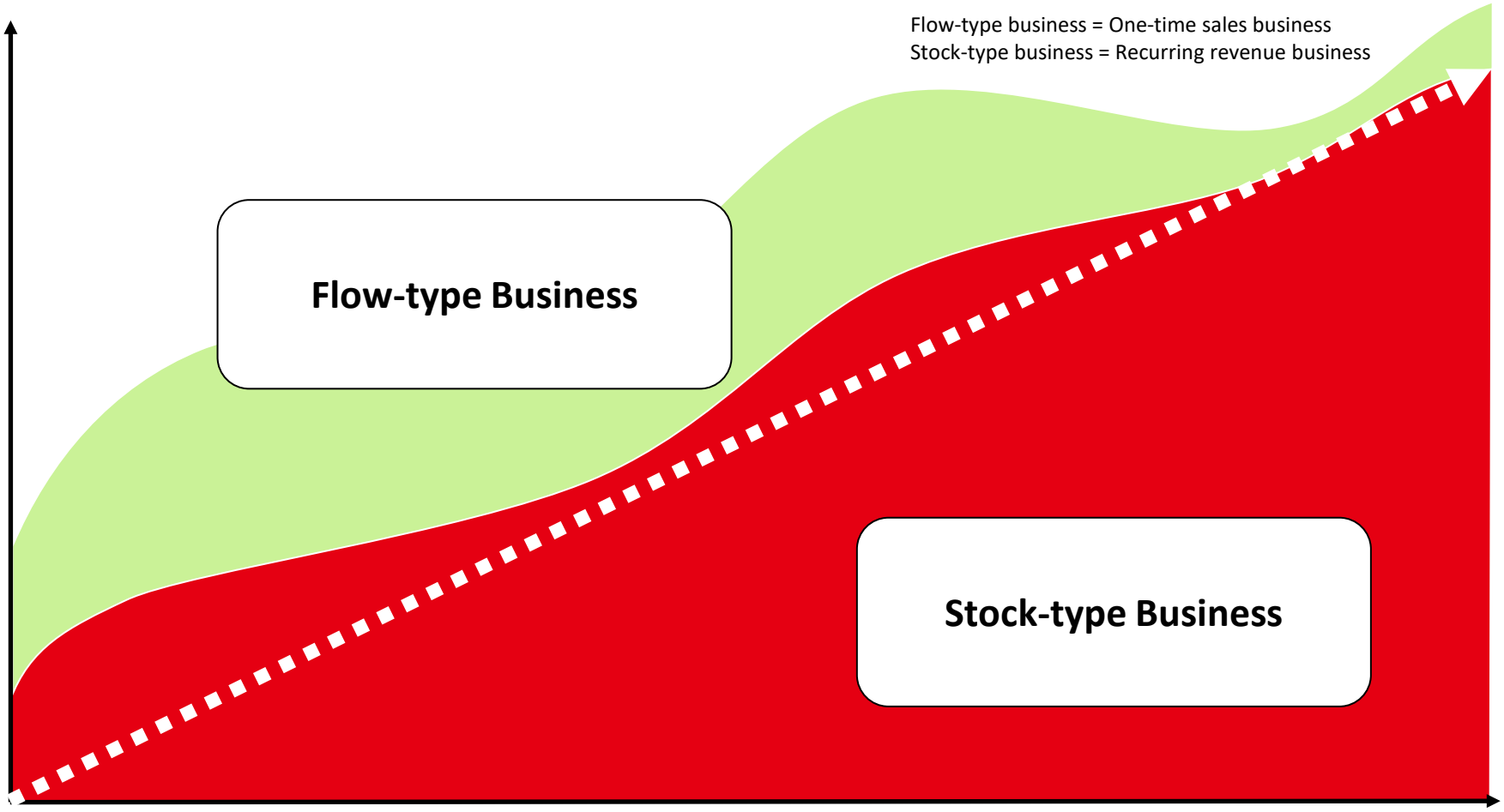
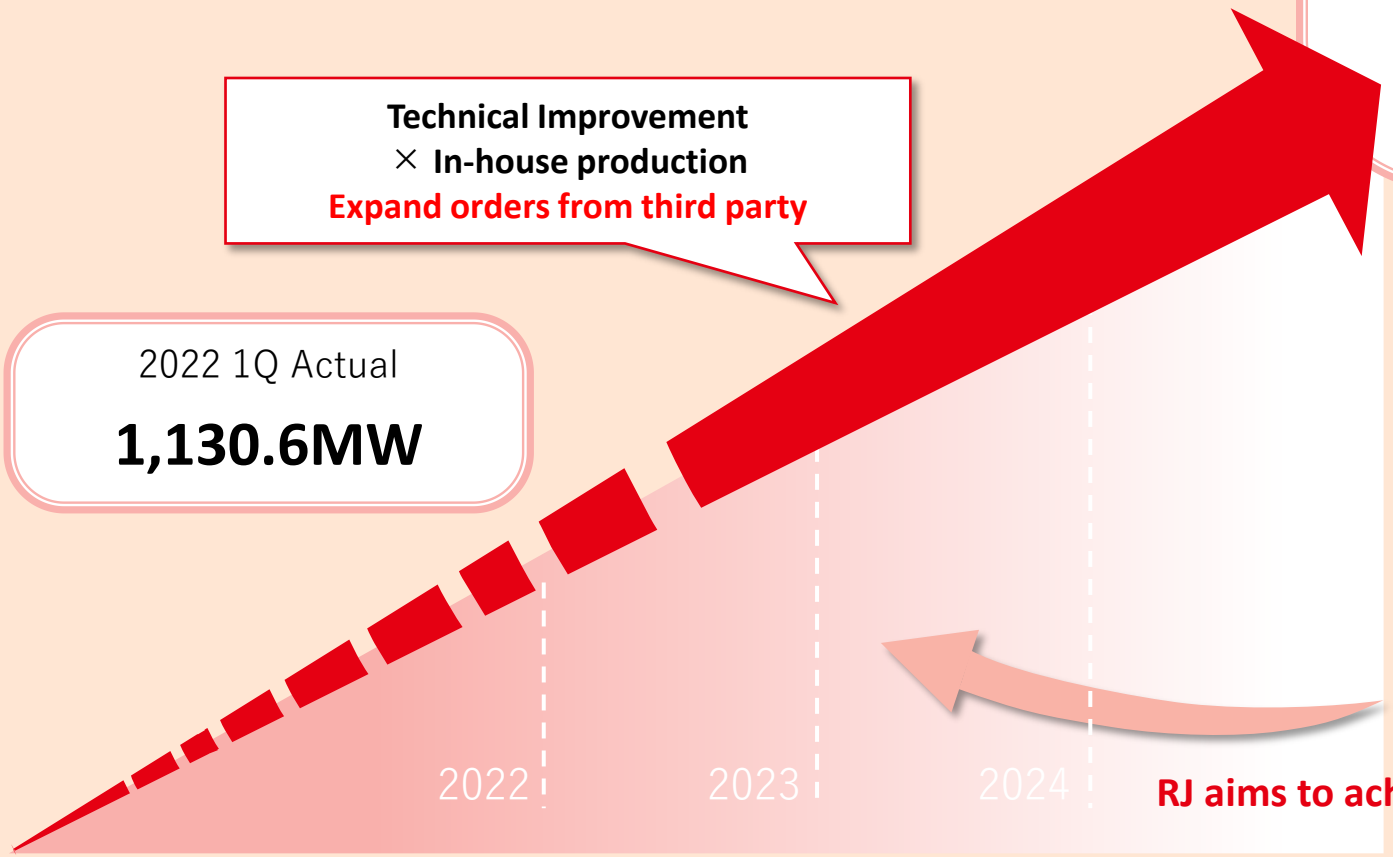
Target for growth

Expansion of Stock-type Business

RJ aims to achieve stable growth by focusing on stock-type business such as Power Production and O&M business moving forward.



Mid-term Target 1. O&M Business: Further Expansion of Contract Scale



2025 Target

2GW

（2,000MW）

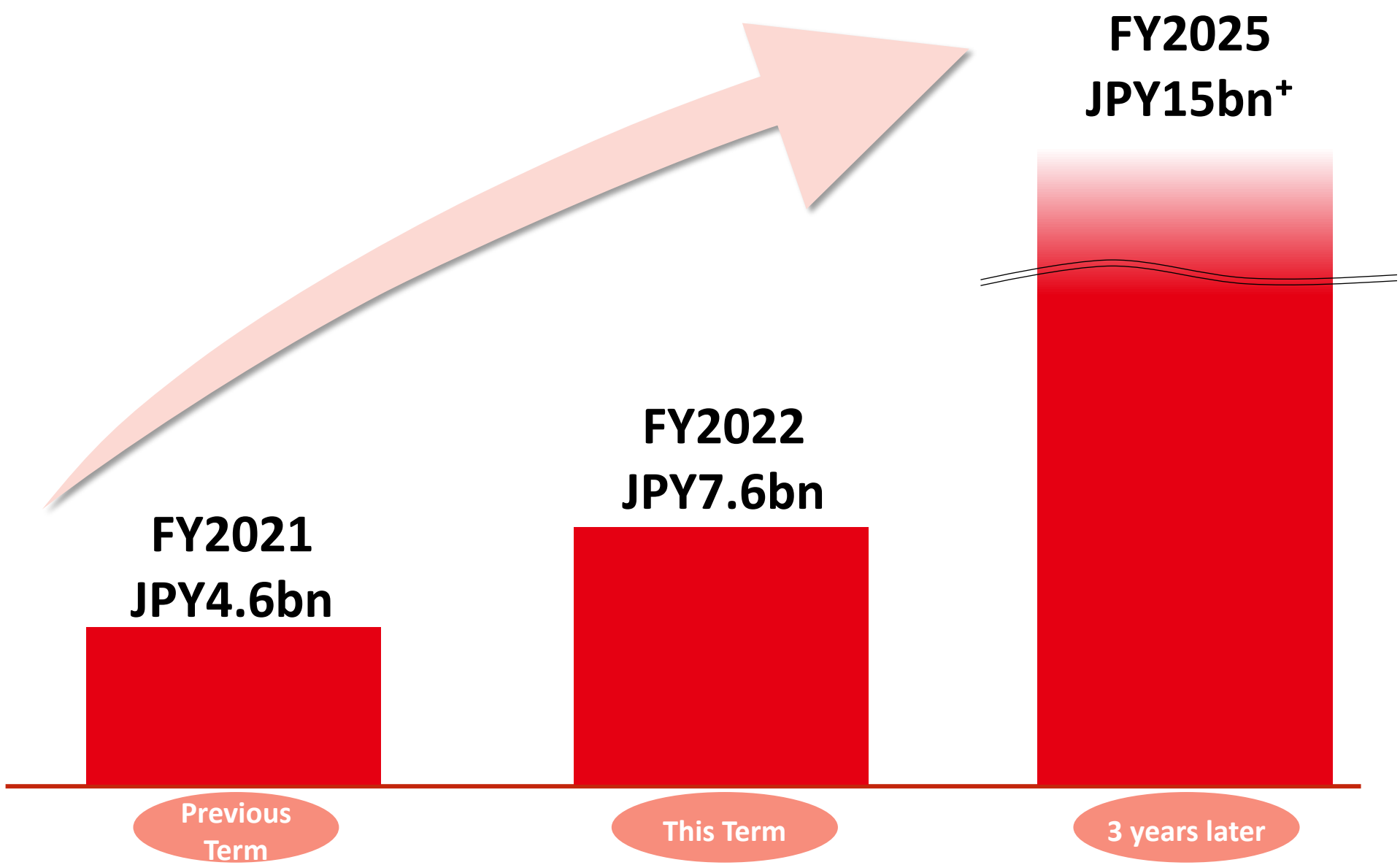
Technical Improvement
× In-house production
Expand orders from third party

2022 1Q Actual

1,130.6MW

RJ aims to achieve the goal ahead of schedule

Mid-term Target 2. EBITDA



*EBITDA = Ordinary profit + Interest expense + Commission paid + Depreciation + Amortization of goodwill + Other depreciation

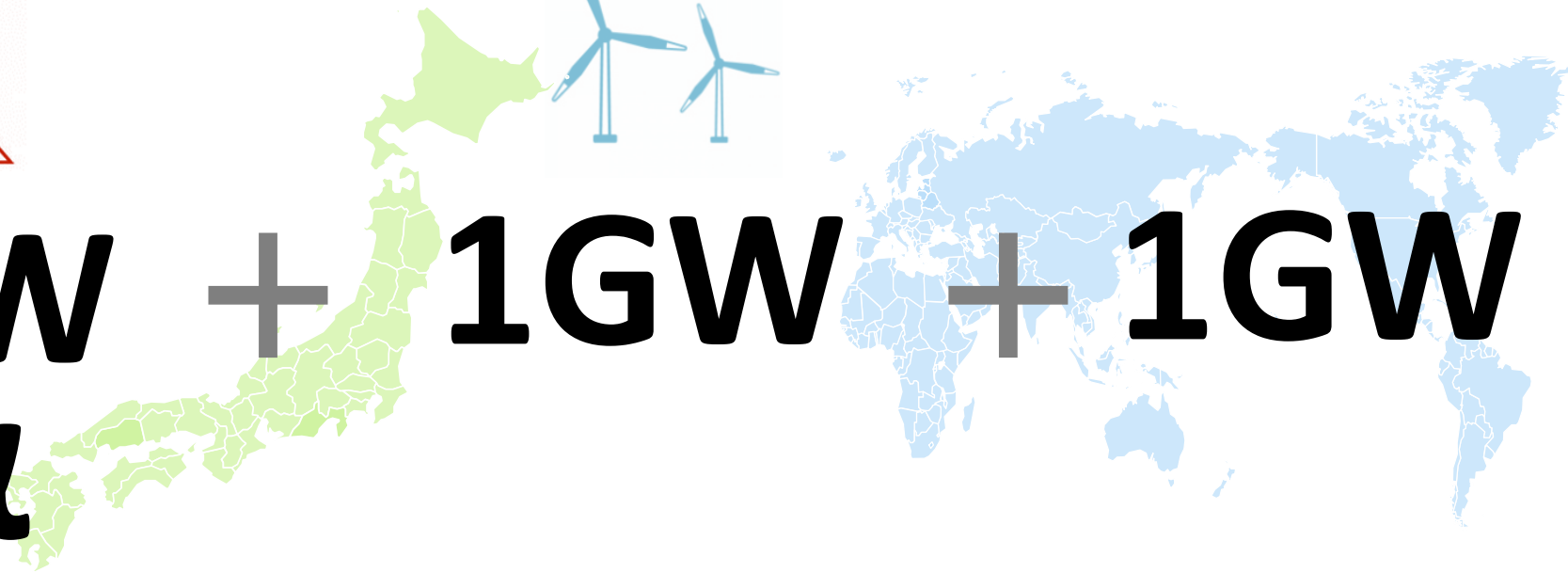
(EBITDA is exempt from audit or a quarterly review).

Long-term Target : IPP Capacity Targeted within 10 Years

Domestic Solar Power

Domestic Wind Power

Overseas



1GW ＋ 1GW ＋ 1GW

＋α

※1GW=1,000MW

Making everyone an energy player

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The amount stated in this document may not match the total value in each column since the amount represents consolidated figures in principal and is rounded down to the nearest million yen.

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Renewable Japan