

October 5, 2018  
Green Building Symposium

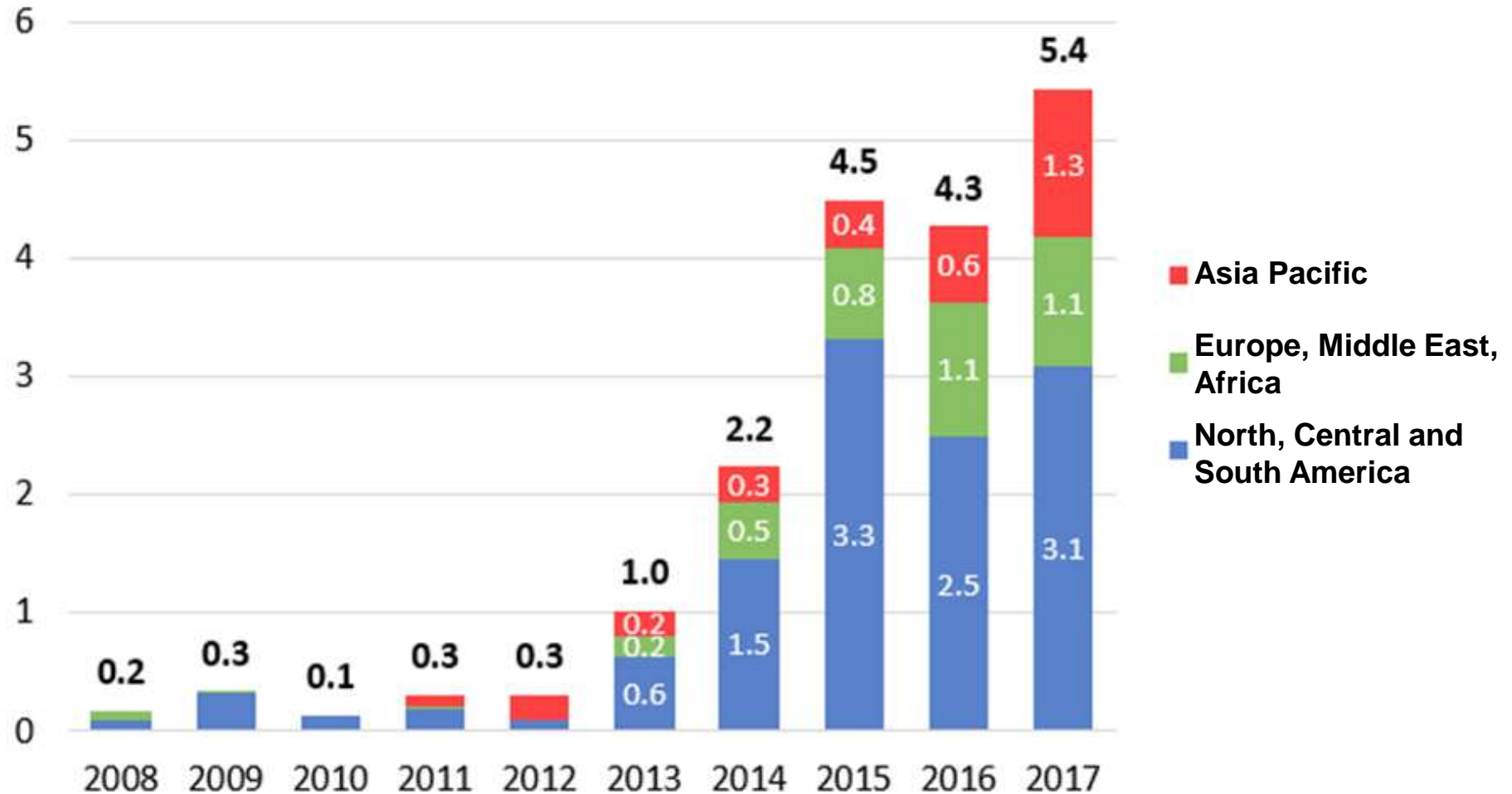
# Renewable Energy: the Global Choice



Masaya Ishida  
Renewable Energy Business Group  
Renewable Energy Institute

# Renewable Electricity Purchase Agreement by Corporations

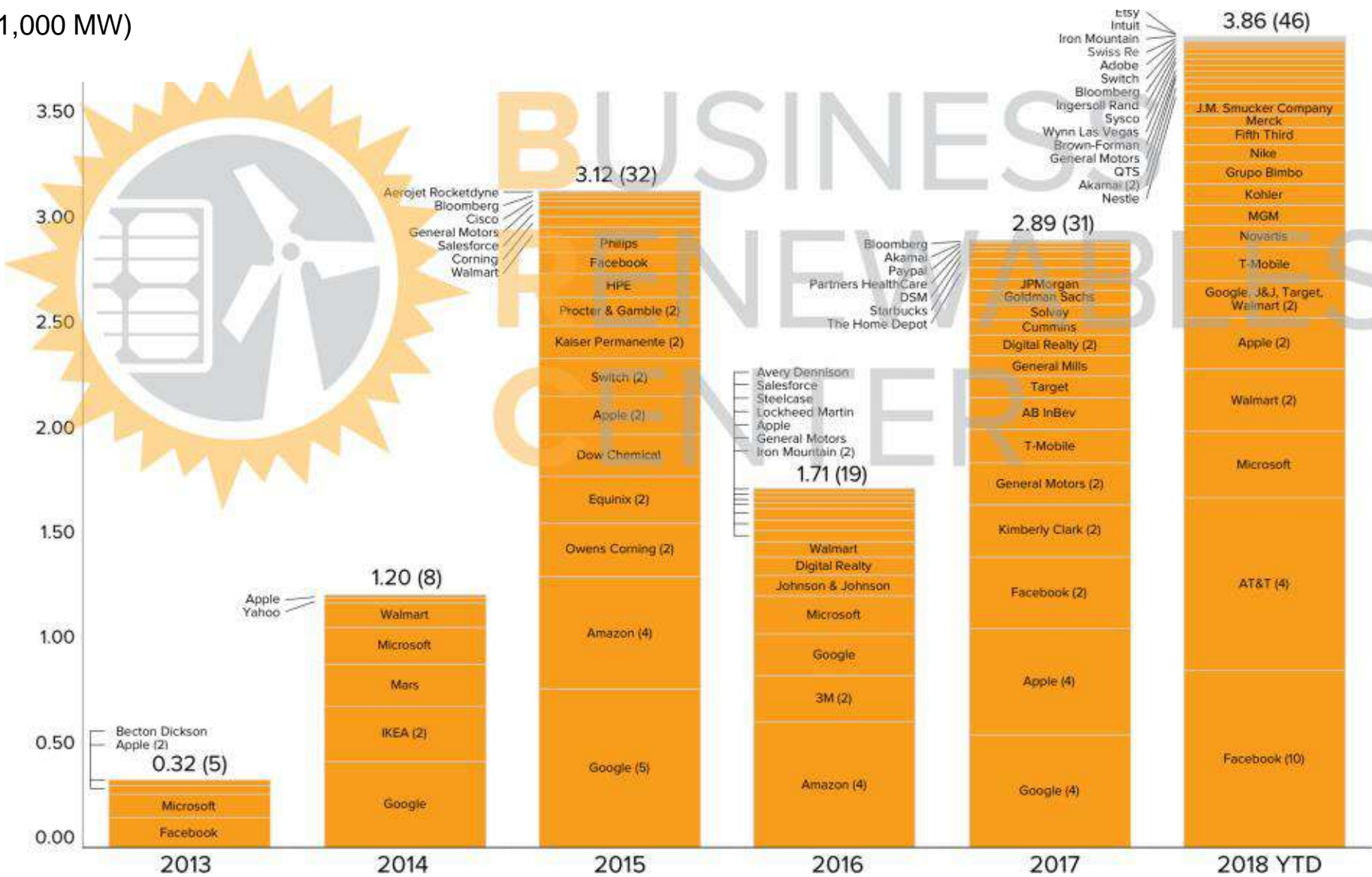
GW (1,000 MW)



Source: Bloomberg New Energy Finance

# Growing Renewable Procurement in the US

(1,000 MW)



Source: Rocky Mountain Institute

(As of August 6)

# General Motors will use Wind Power for Production

GENERAL MOTORS

## GM TO BUILD MORE VEHICLES WITH WIND ENERGY



200 MW of wind will power electricity of 7 facilities in Indiana and Ohio,  
including assembly plants for the Chevrolet Cruze, GMC Sierra and  
Chevrolet Silverado light-duty pickup trucks.

# Going 100% Renewable Energy Globally

## THE POWER OF COMMITMENT

**350**  
FACILITIES

IN

**59**  
COUNTRIES

**100%** RENEWABLE  
ENERGY

**BY 2050**



GENERAL MOTORS

# Over 140 Companies Announced 100% Renewable



Source: RE100

# RE100 in the Construction and Real Estate Industries



Germany



UK



China



UK



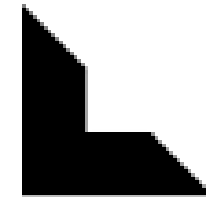
UK



Japan



Ireland



Landsec

UK



UK



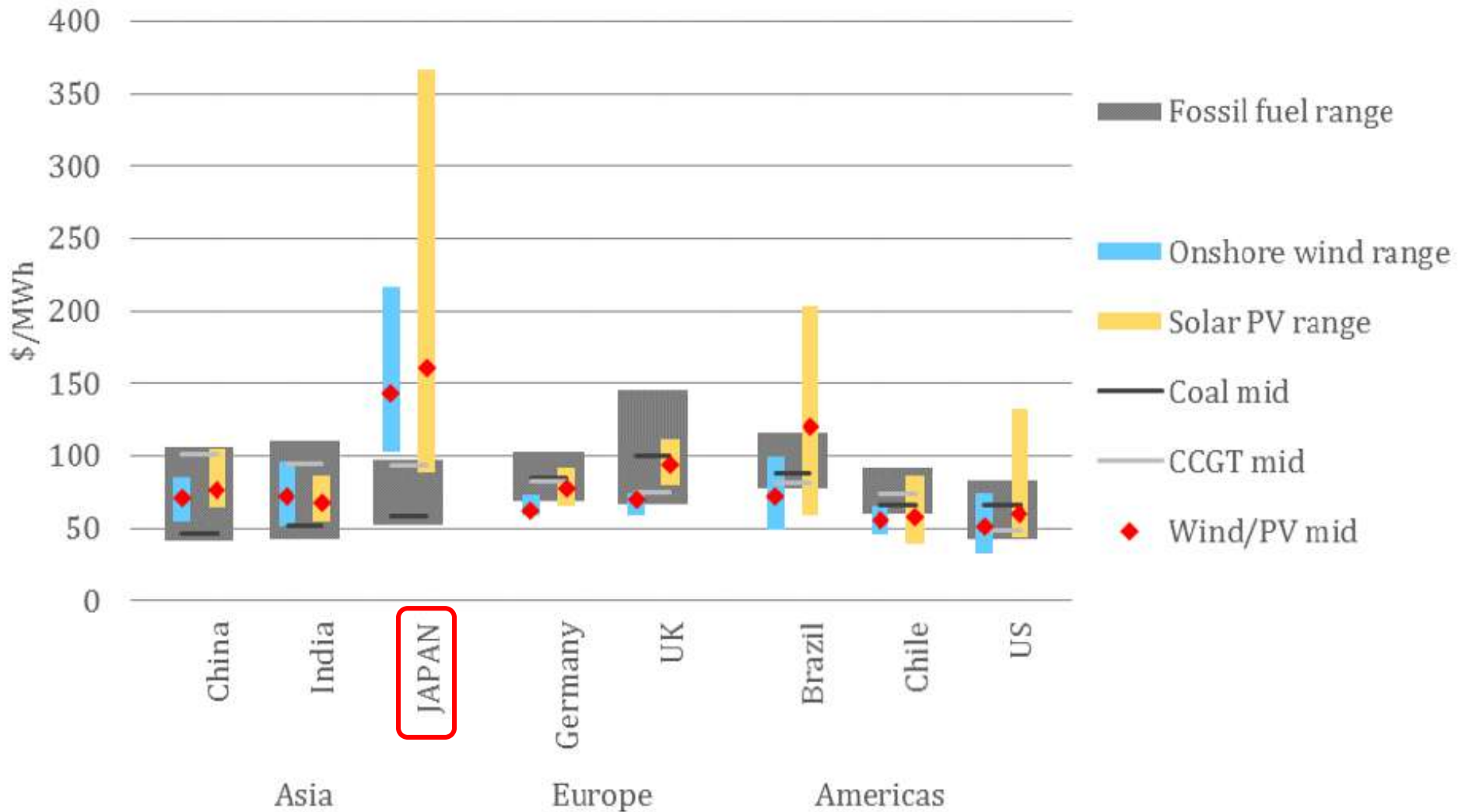
Japan

# Why Corporations are Going 100% Renewable Energy

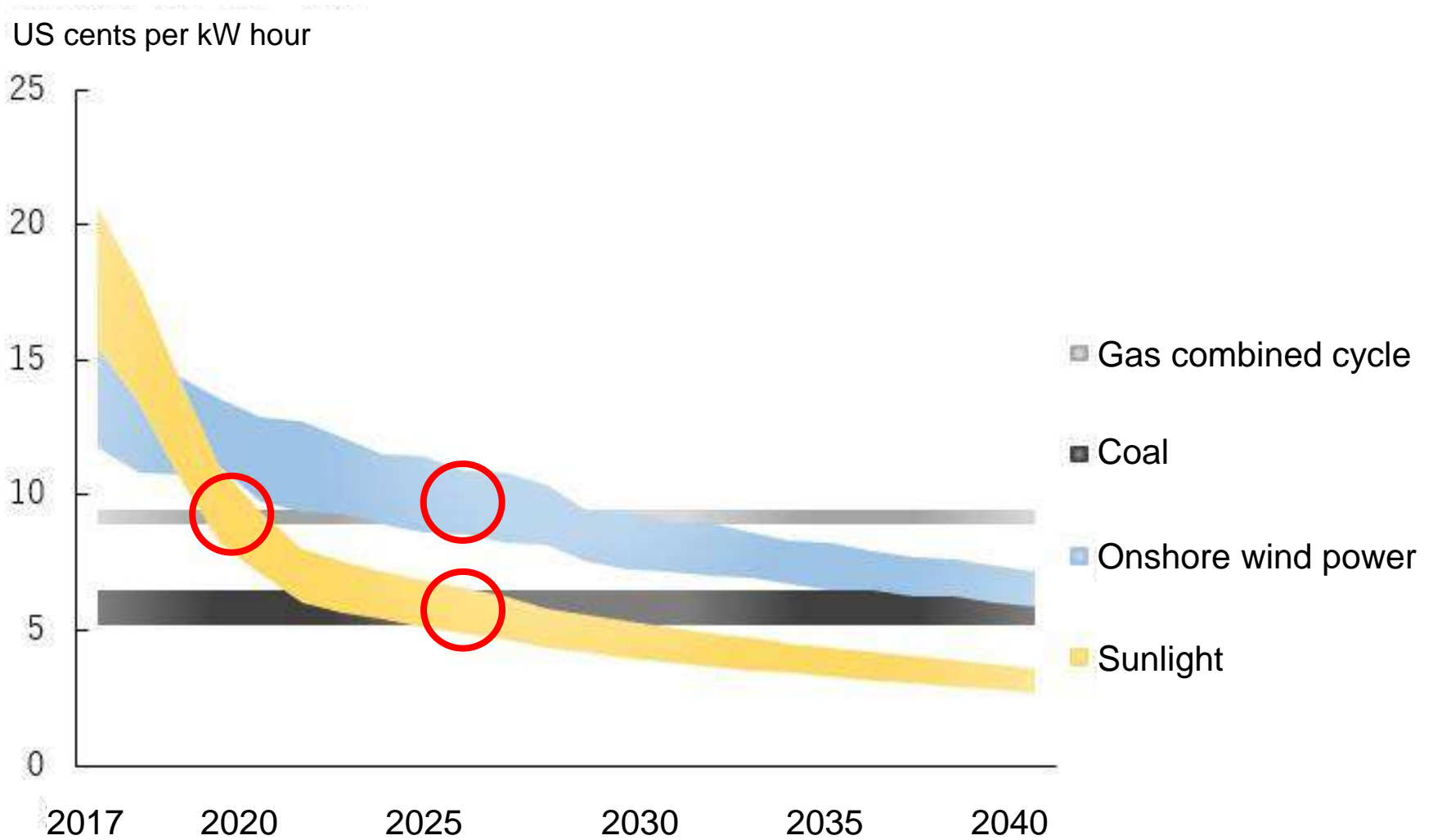
1. Contribute to mitigation of climate change
2. Control electricity cost in the long term
3. Get new business opportunities
4. Request from investors
5. Request from business partners



# Generation Cost in Major Countries (2017H1)



# Generation Cost Prediction in Japan

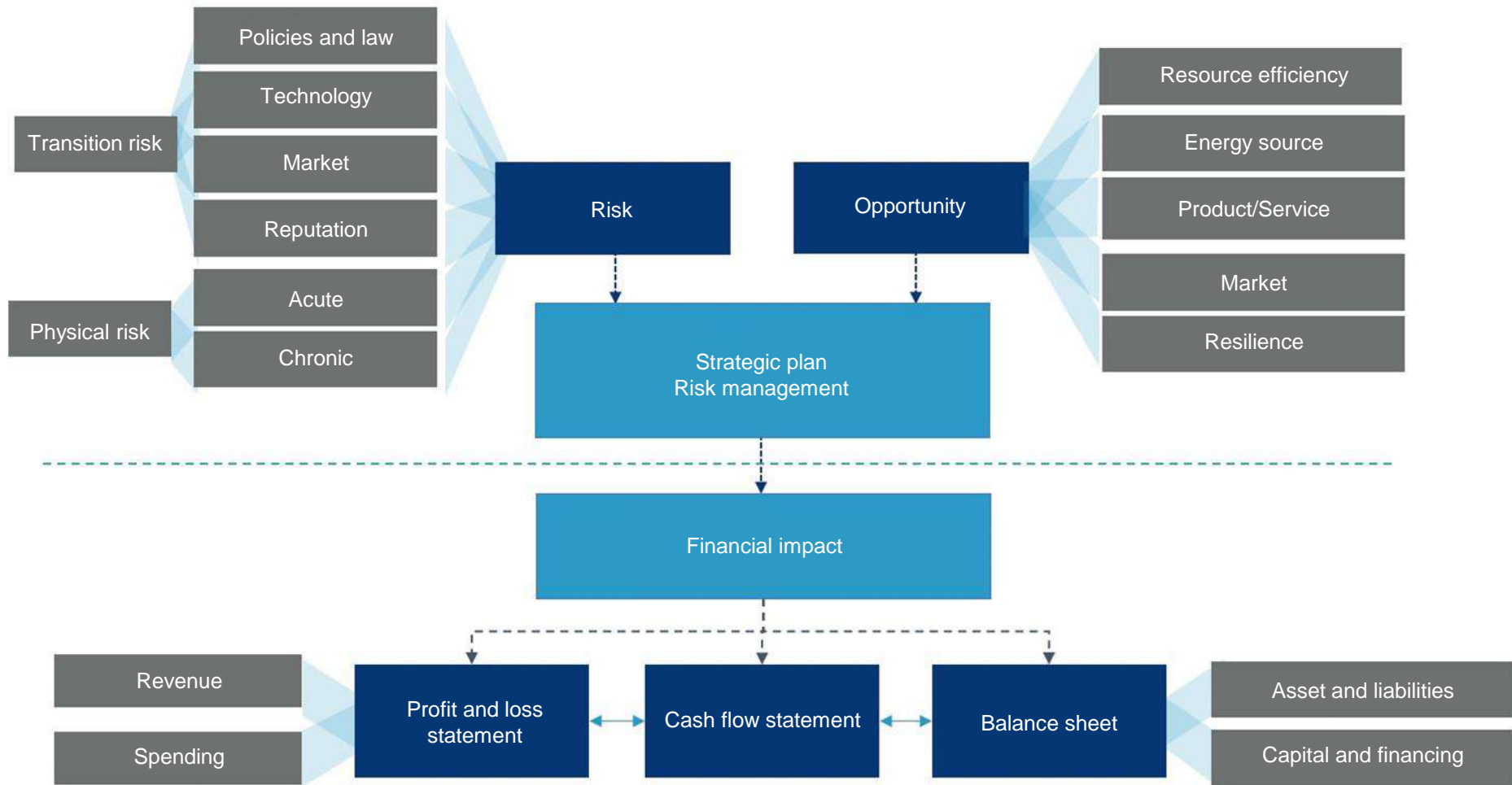


# On-site Generation by Rooftop Solar PV

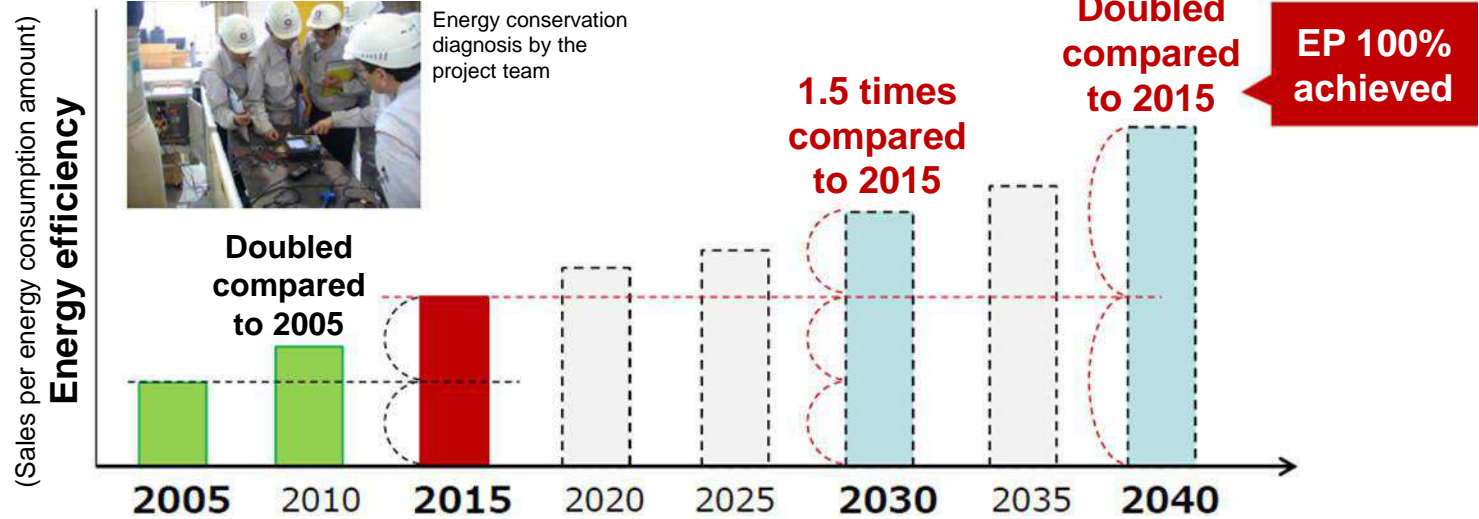
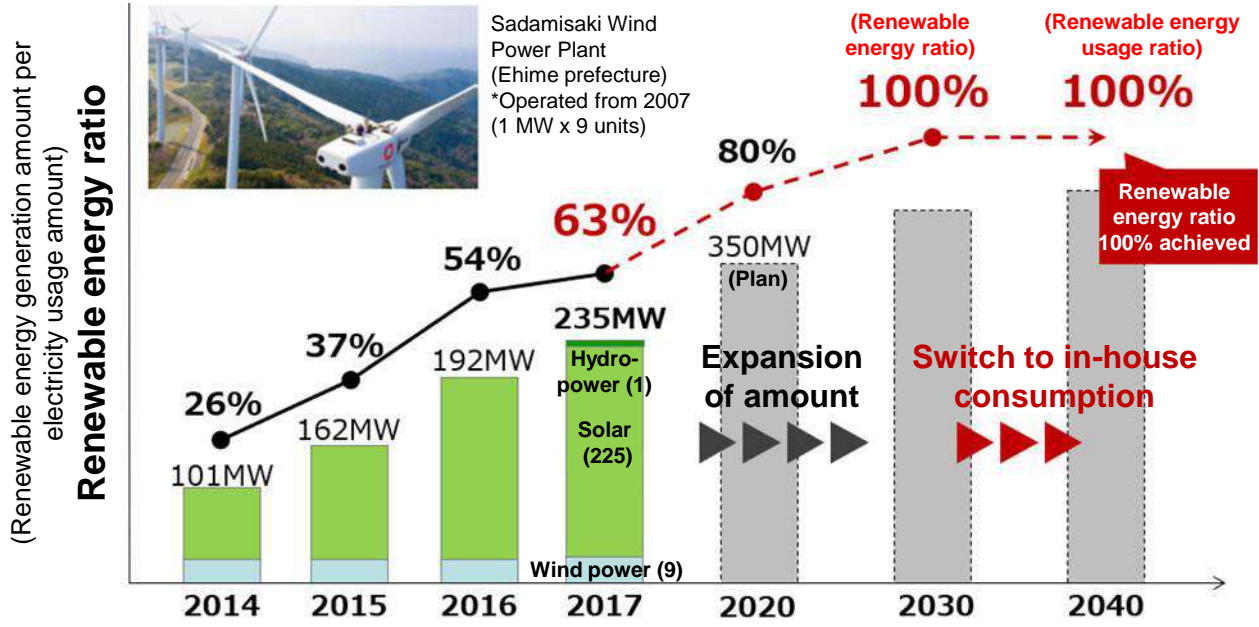


Source: IKEA Japan

# Task Force on Climate-related Financial Disclosures (TCFD)

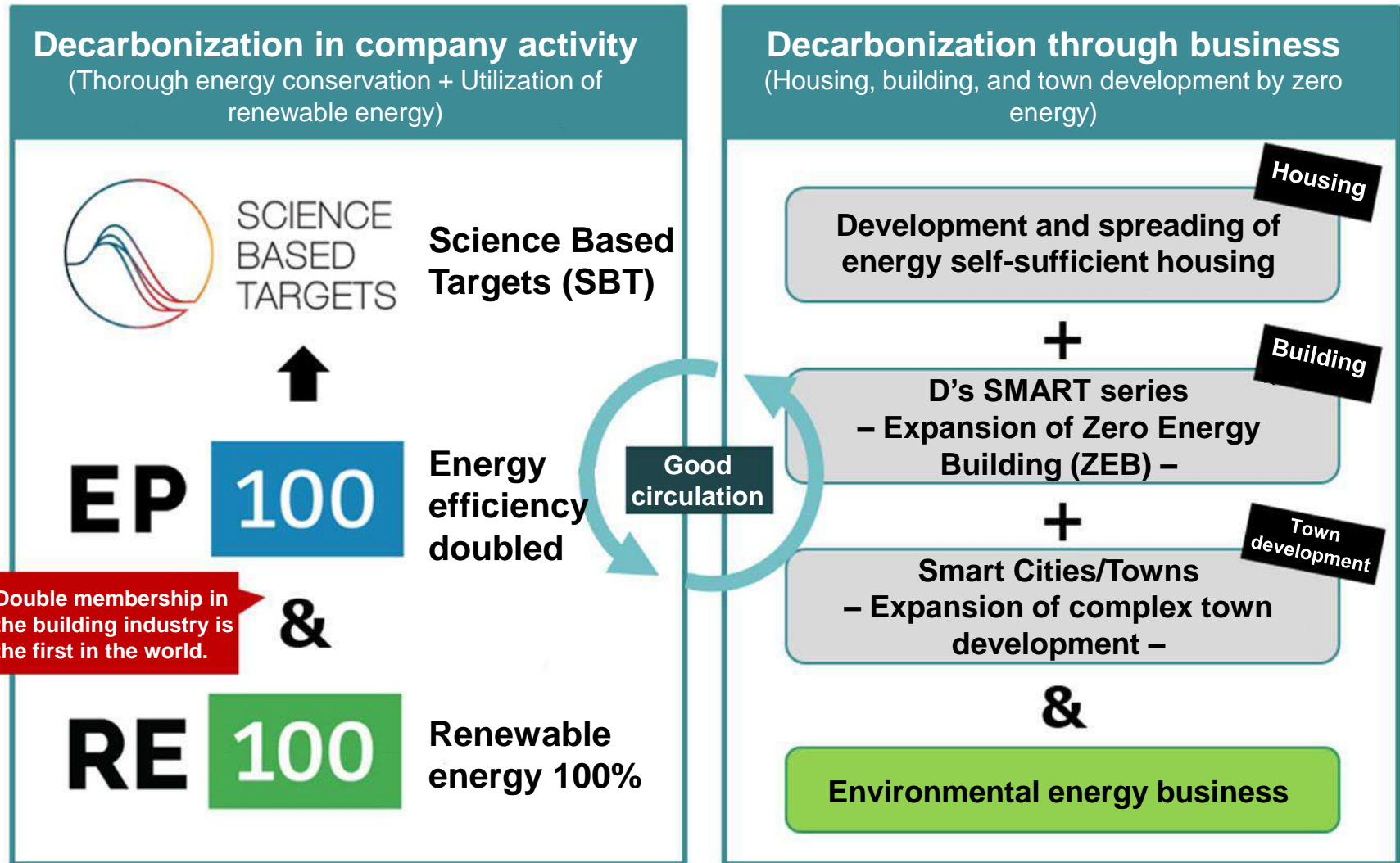


# Daiwa House to Double Sales per Energy Consumption



Source: Daiwa House Industry

# Daiwa's Business Expansion by Decarbonization



# Renewable Electricity in the Apple's Supply Chain

Upper stream  
(Parts supplier)



**IBIDEN**  
Floating Solar Farm  
(Takahama City, Aichi)

Down stream  
(Product sales)



**Apple Shinjuku**  
(Shinjuku Marui Main  
Building 1F)

# Renewable Energy for Apple in Singapore



Source: Sunseap



# Apple's New Headquarters Use 100% Renewable Energy



Source: Apple

# Guidebook of Renewable Electricity Procurement for Corporations & Local Governments

