

# Japan Climate Action Summit

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# CEBA

Clean Energy Buyers Association



CEBA seeks to accelerate voluntary clean energy transactions in markets worldwide

## Two approaches for impact

Overcoming system challenges

Impact

More deals happen faster and, in more places, than business as usual

Accelerating transactions





CEBA seeks to accelerate voluntary clean energy transactions in markets worldwide with all stakeholders

## Two approaches for impact

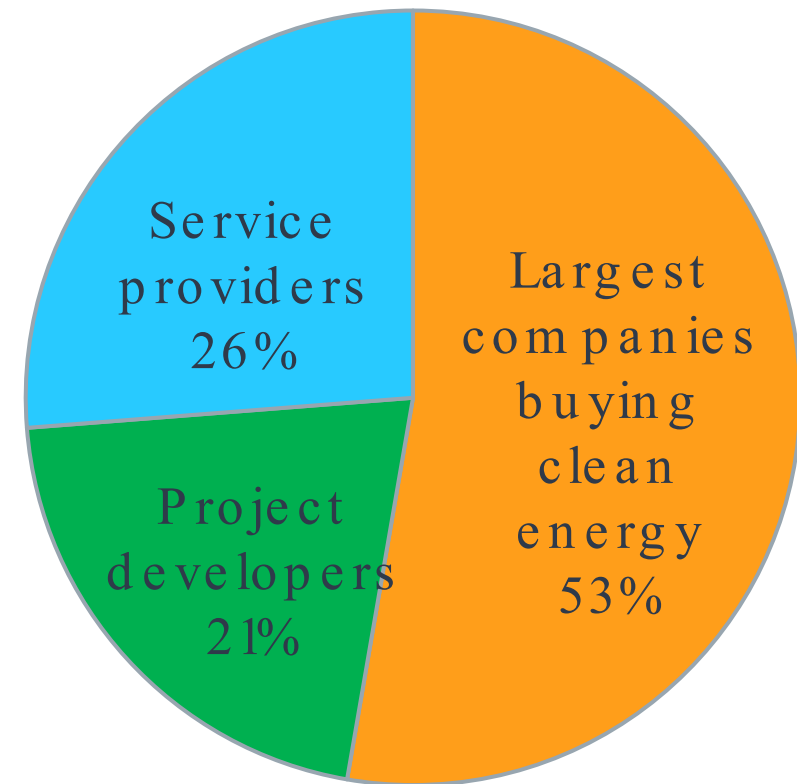
Overcoming system challenges

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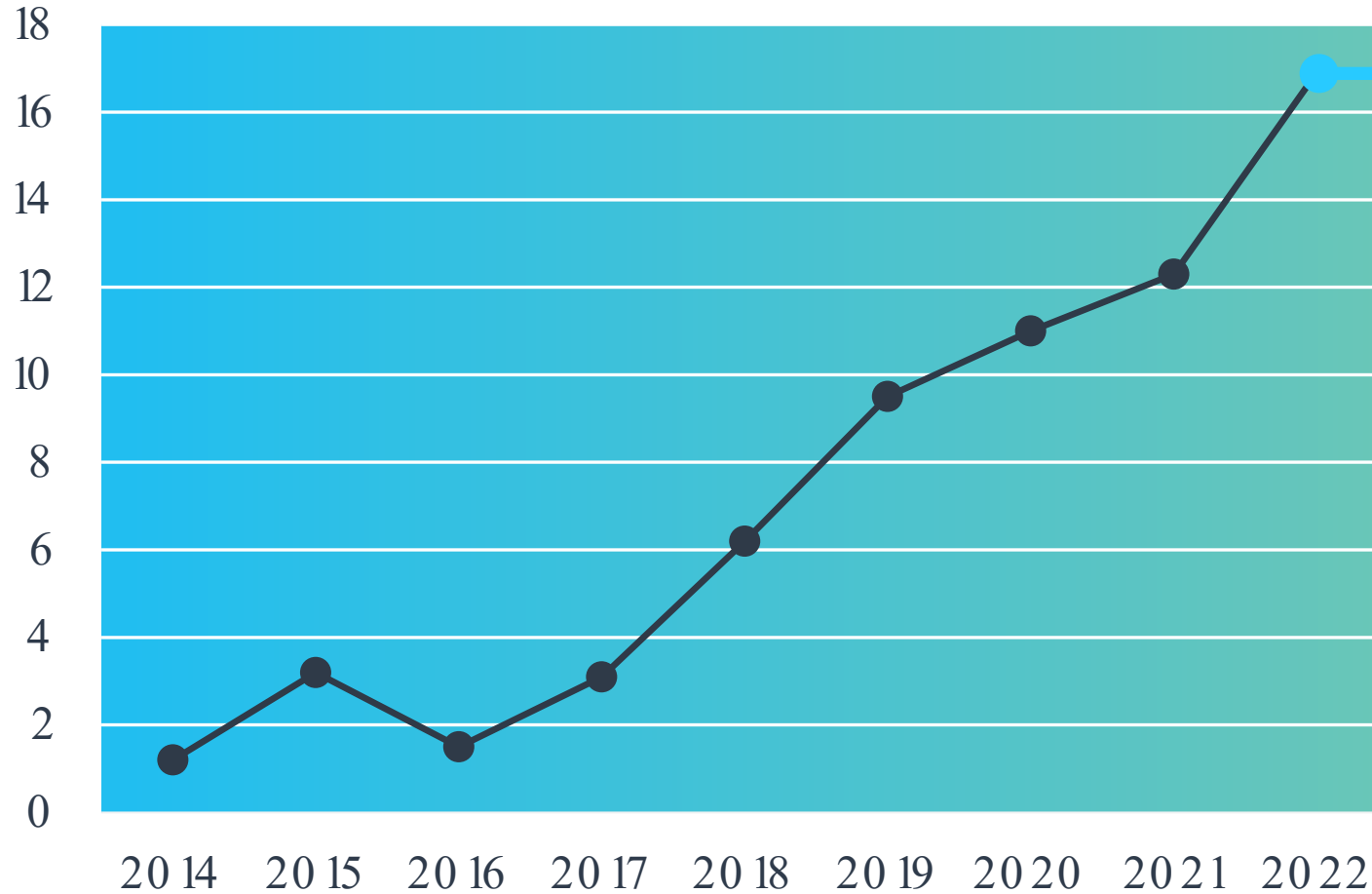
## CEBA membership (n = 410)





>90% of US deals involved at least one CEBA member to date, 126 transactions announced in 2022

## Announced capacity (GW)



17 GW

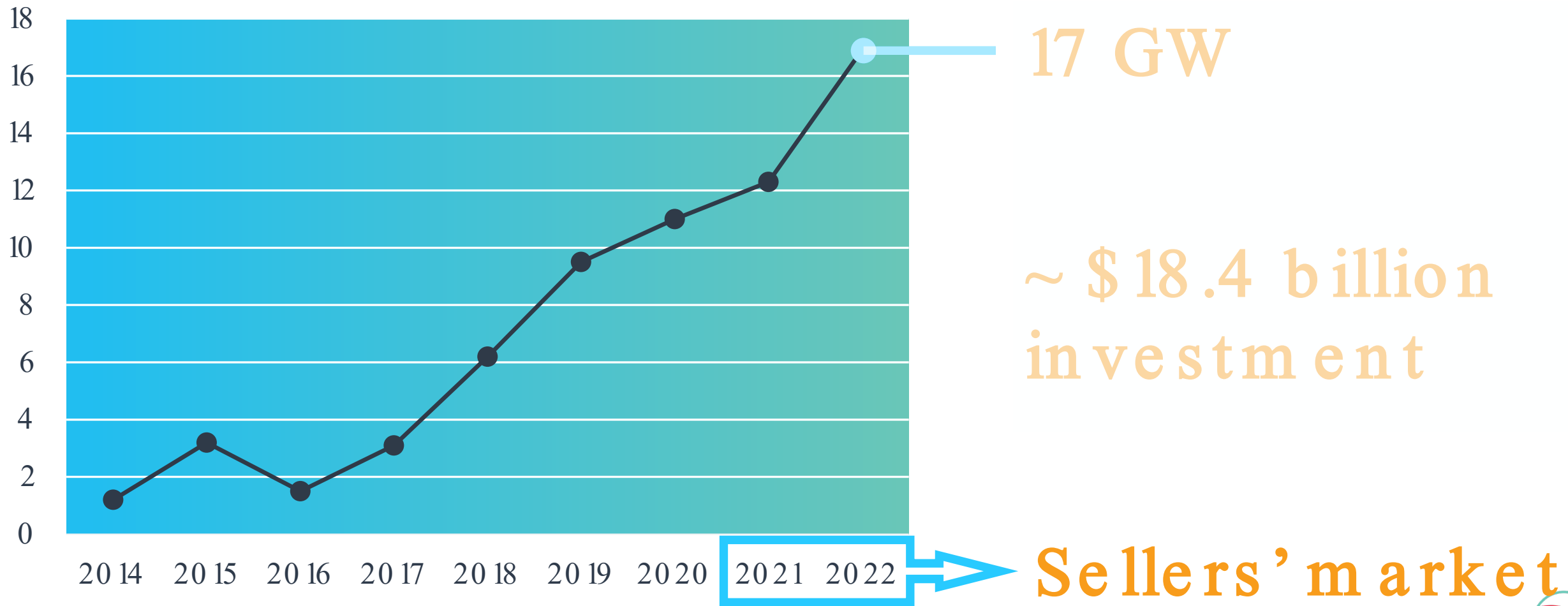
~ \$18.4 billion investment





The rapid demand shifted the balance of negotiation power to sellers but failed to slow transactions

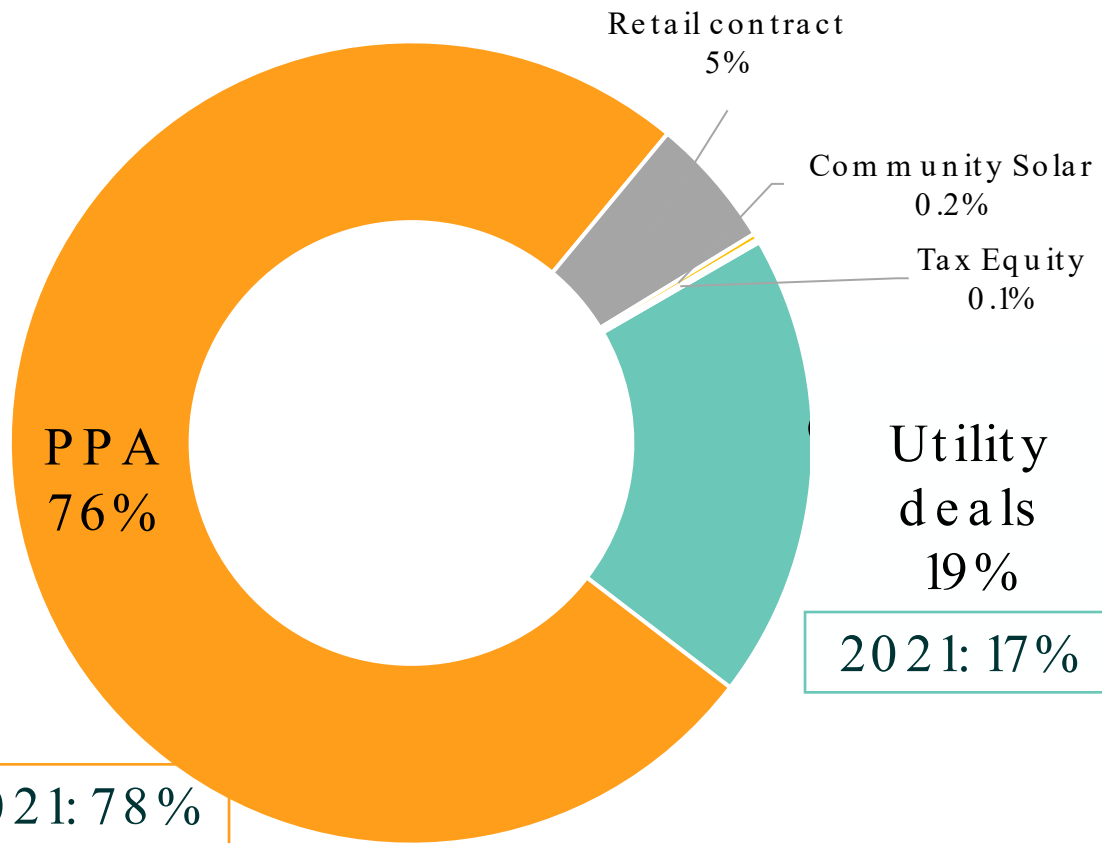
### Announced capacity (GW)





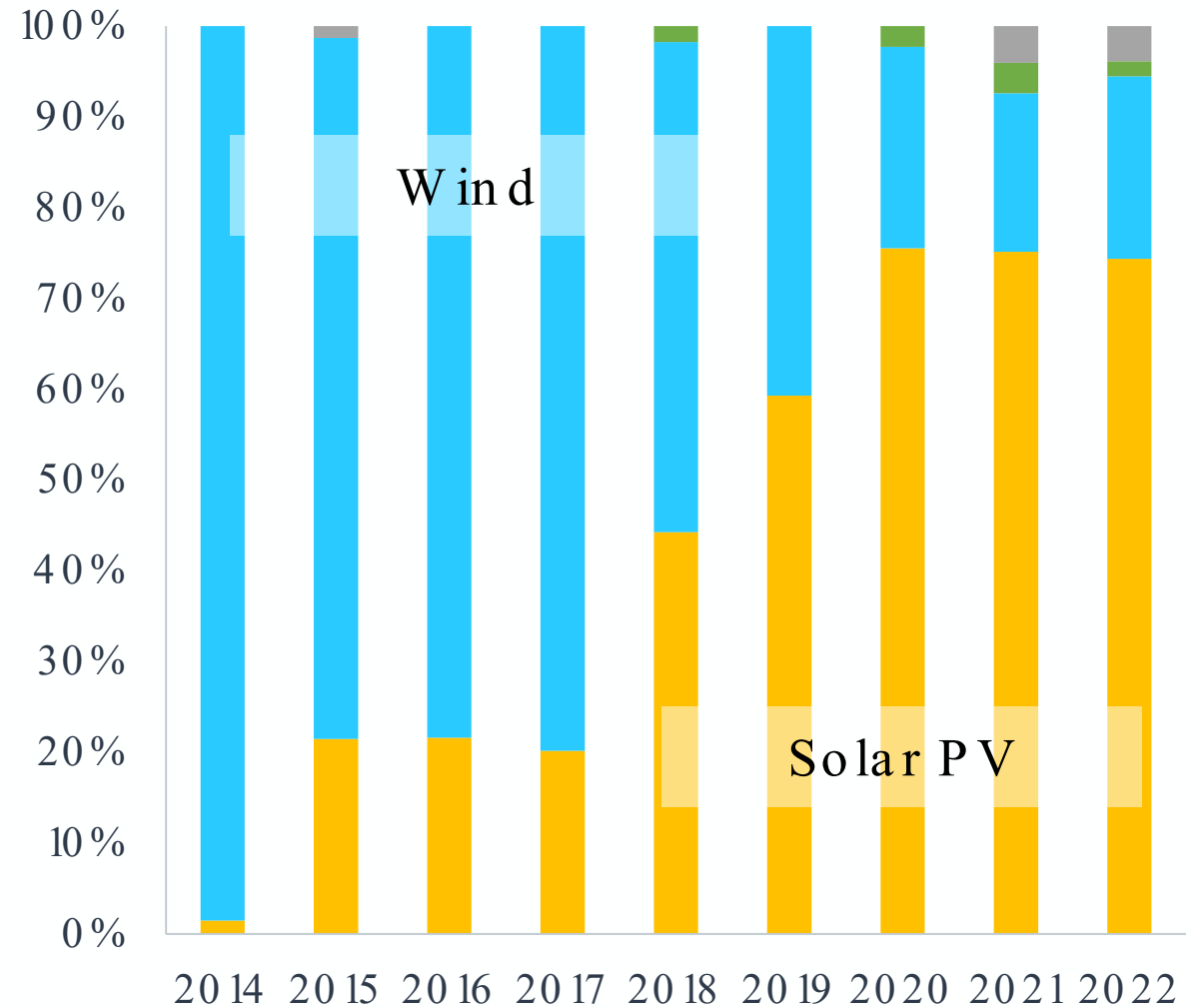
# Power Purchase Agreements using solar technology dominate the US market

## Procurement Mechanisms by Capacity, 2022



Sources: CEBA

## Announced technology







Grid access constraints will persist and challenge ongoing US market growth, and time is running out







We can see climate change playing out with our own eyes



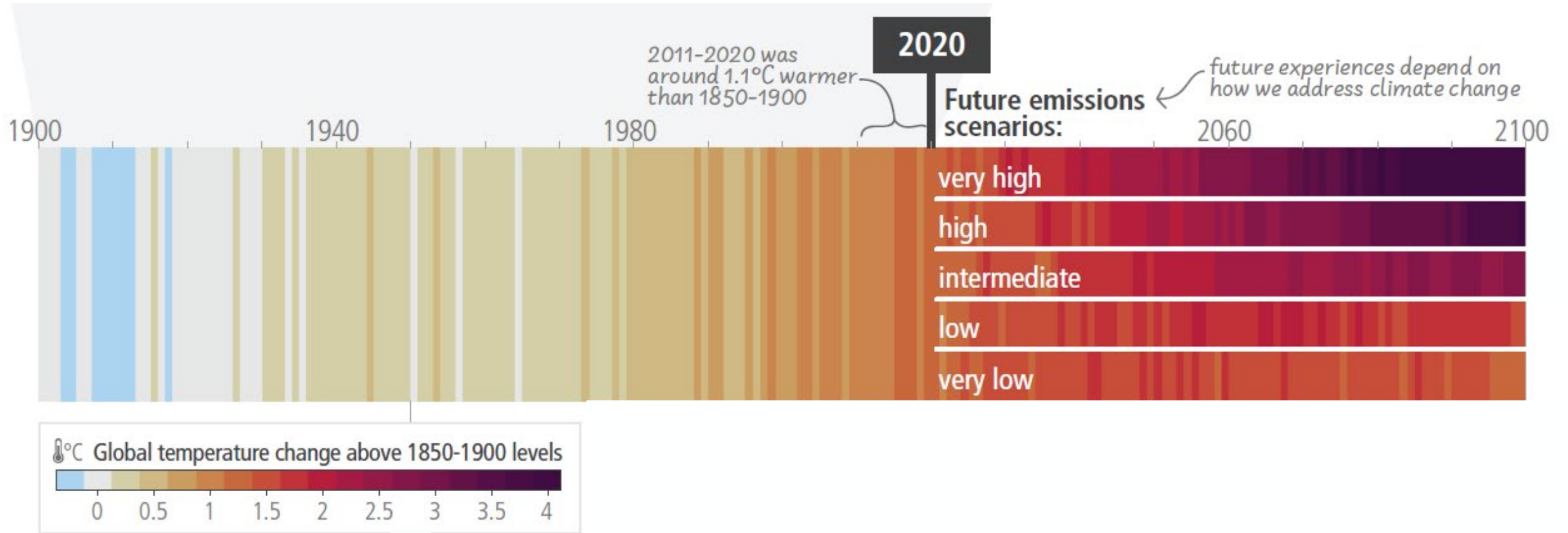


 Impacting everywhere in the world, we have one atmosphere



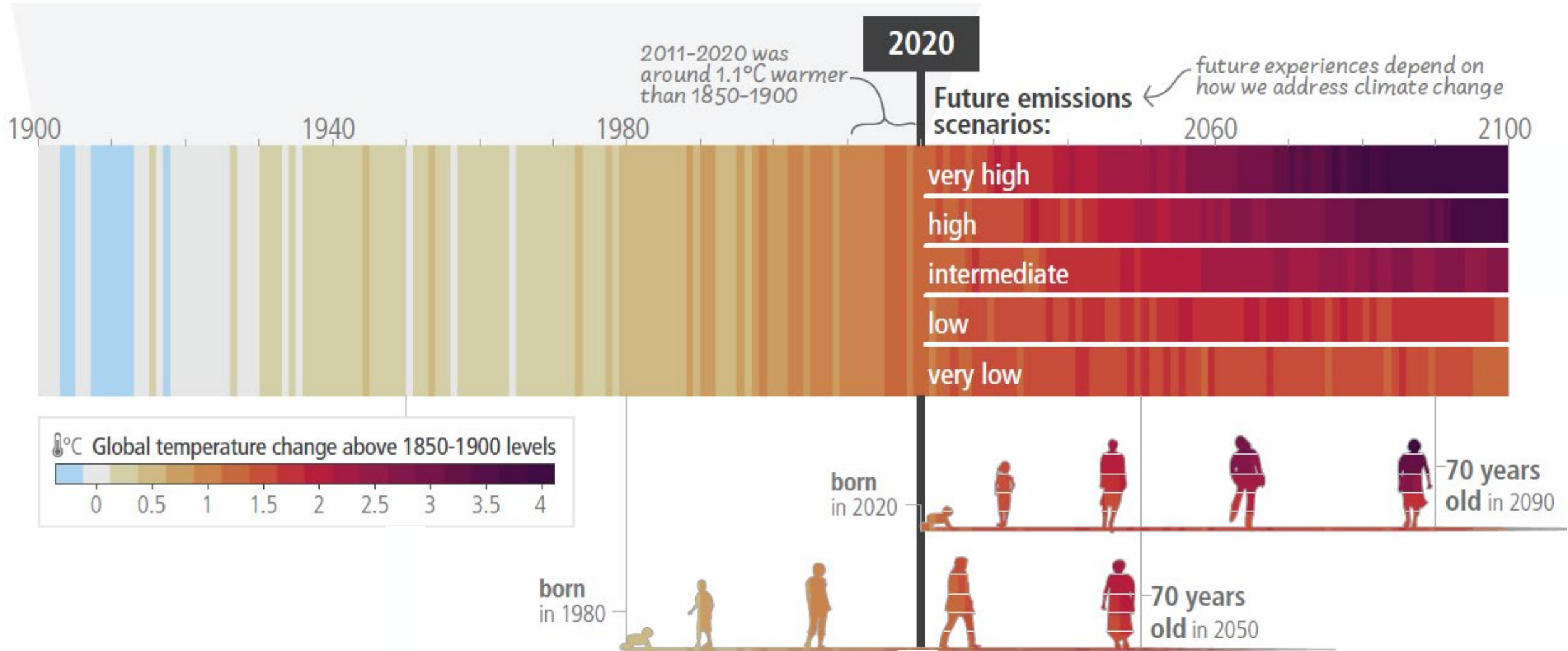


# It is unequivocal that human influence has warmed the atmosphere, ocean and land





It is unequivocal that human influence has warmed the atmosphere, ocean and land – and it's personal







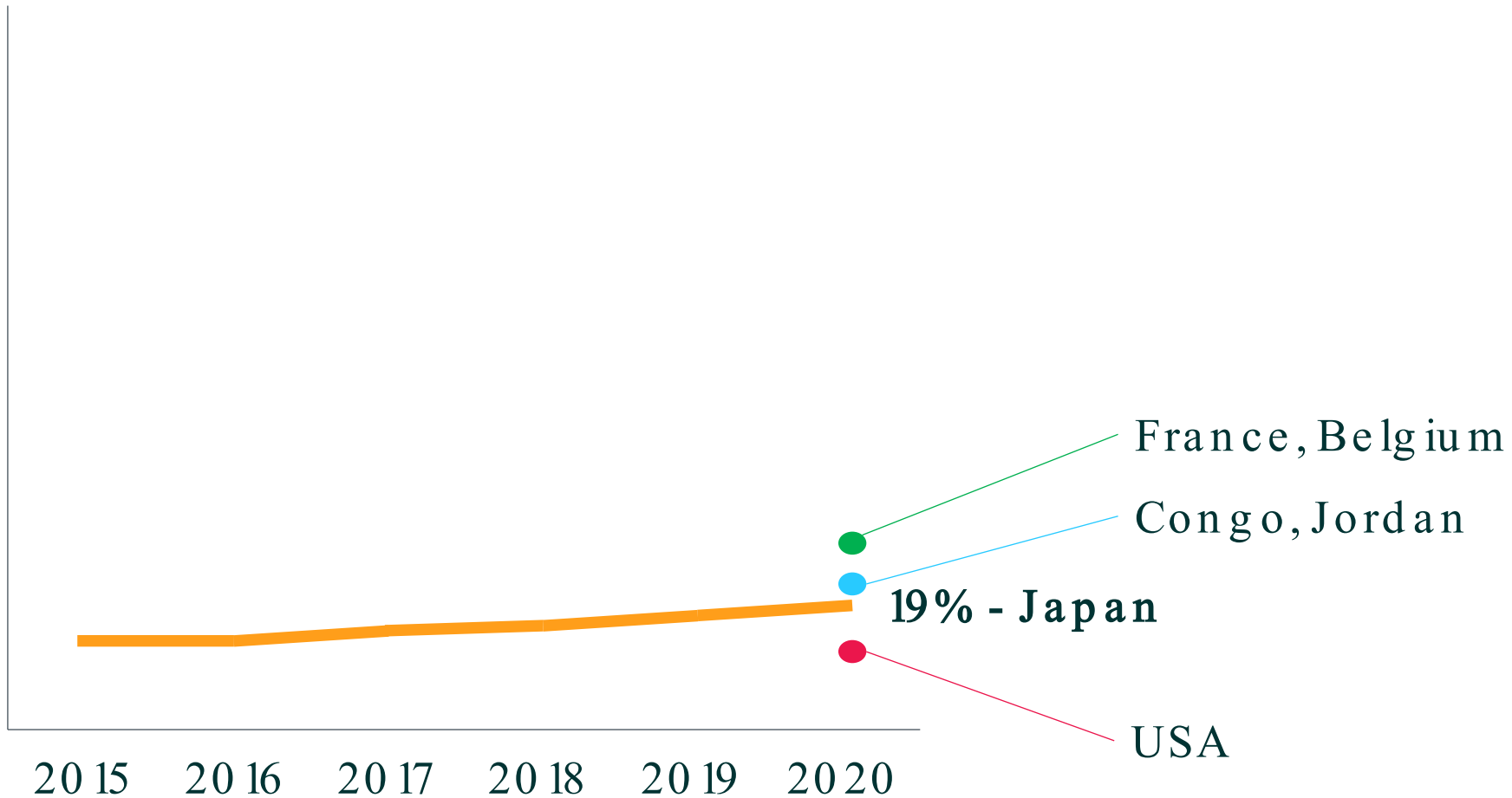
Electricity is critical and renewable energy is the key





Electricity is critical and renewable energy is the key,  
Japan can and should be leading

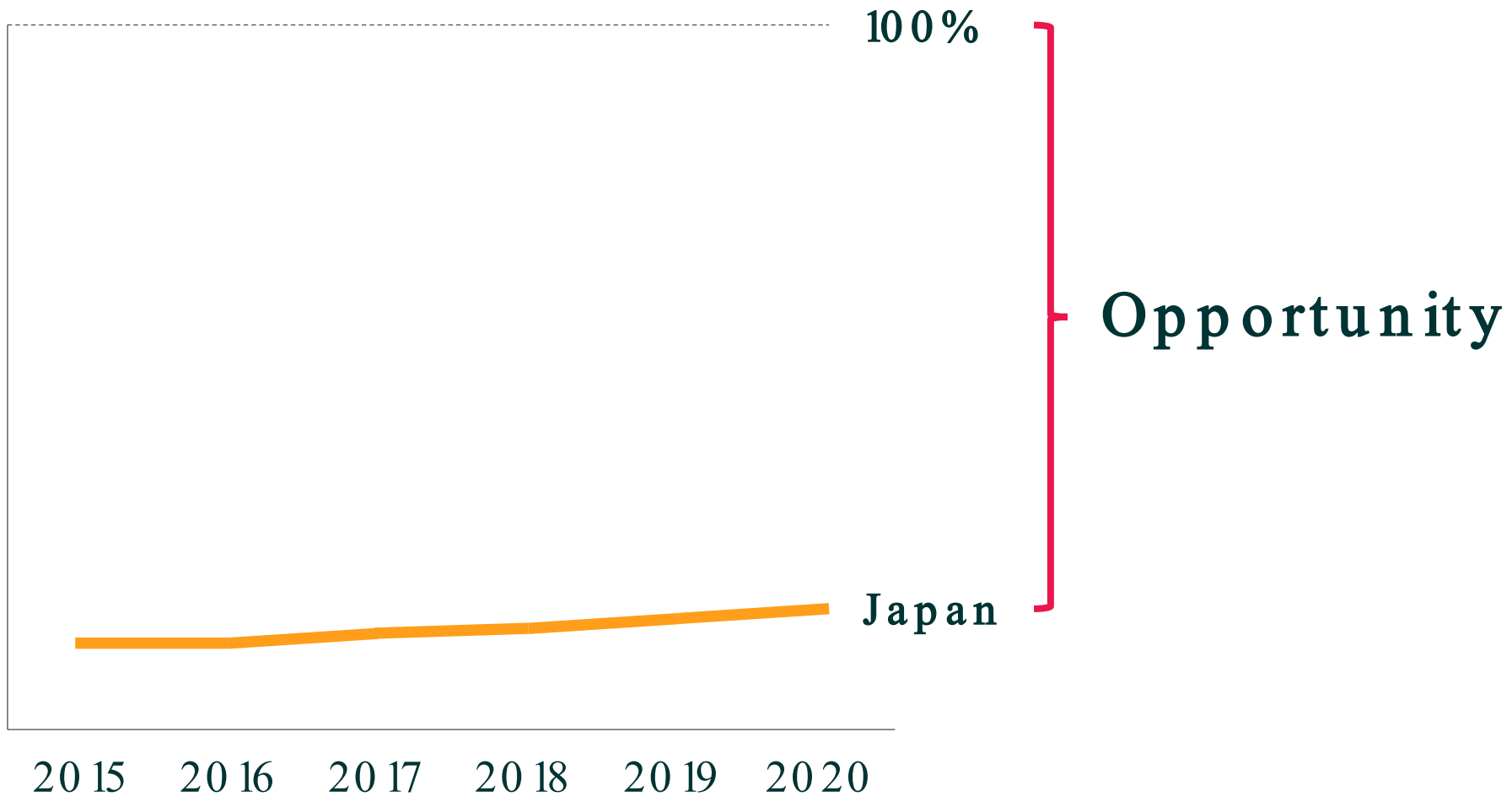
## Share of renewable energy





Electricity is critical and renewable energy is the key, significant ROI opportunity exists to decarbonize in Japan

## Share of renewable energy

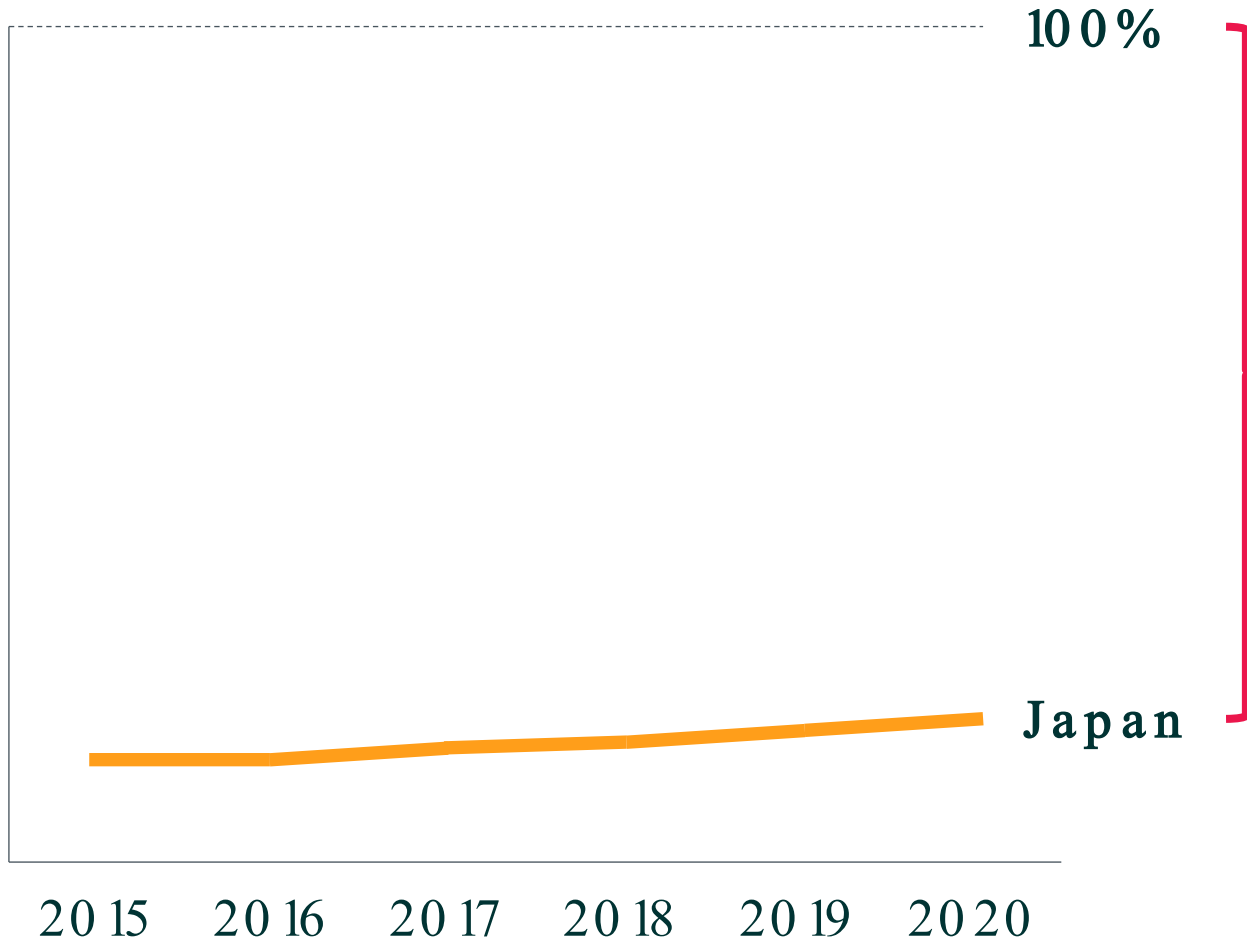






Electricity is critical and renewable energy is the key,  
the global opportunity is immense

## Share of renewable energy



## Opportunity...at a global level

- *“annual investments need to at least quadruple to remain on track to achieve the 1.5° C Scenario”*
- We need: ~\$37 trillion by 2030
- We are short ~US\$ 24 trillion



This problem will engulf us all, collaboration is vital







Call to action: profit from being part of the solution

Thank you for your time

