

# The British Corporate Renewable PPA Market

*What data says?*

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# ABOUT CDP



**CDP is a global environmental impact non-profit working to secure a thriving economy that works for people and planet.**

# HOW WE WORK



**525+** investors with US\$96 trillion in assets



**110+** supply chain members with over US\$3 trillion in purchasing power



**7,000+** companies responded through CDP



**620+** cities disclosed environmental information



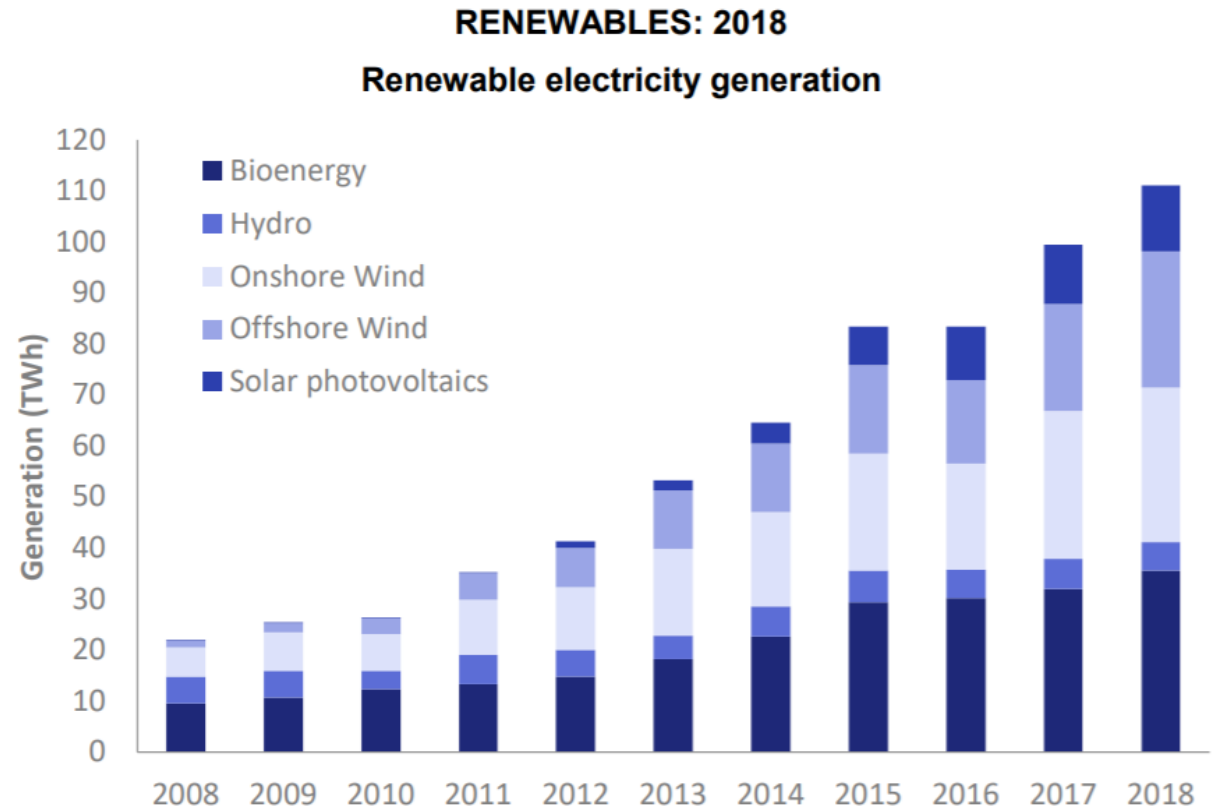
**120+** states and regions measured their environmental impacts

# UK at glance

# UK at glance

*Overview of renewable energy in UK*

- Renewable electricity capacity was **44.4 GW** at the end of 2018, a 9.7 per cent increase (3.9 GW) on a year earlier.
- Low carbon electricity's share of generation recorded at **52%** in 2018.





# UK at glance



**692**

Companies having  
operations in UK reported to  
CDP in 2018



**8 MILLION TONNES**

of scope 2 GHG emissions  
reported



**66%**

Low-carbon energy  
purchased and consumed

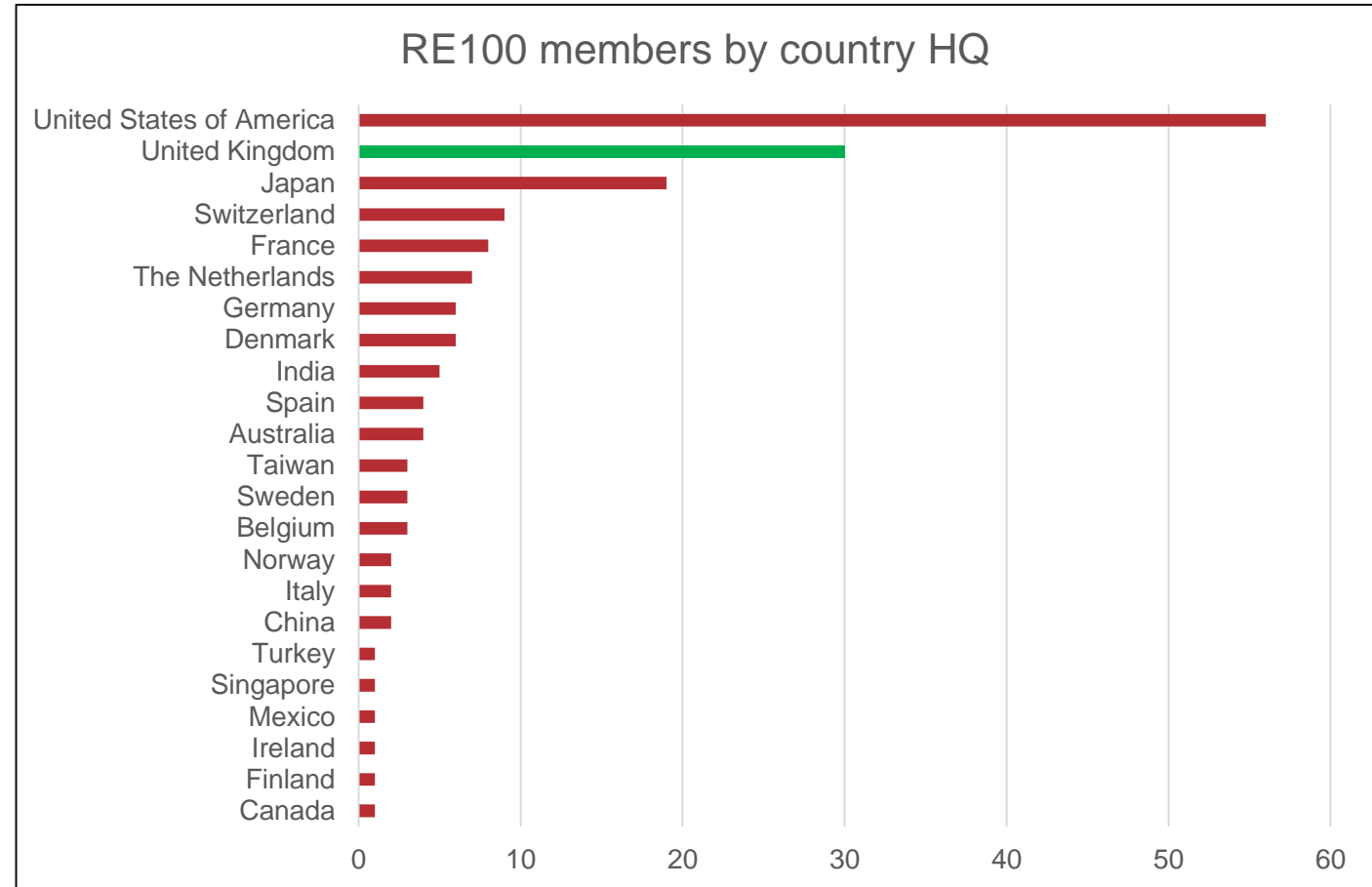
## RE sourcing in UK



# RE100 Members in UK

*Increasing number of companies joining RE100 initiative*

- ▼ **Europe** remains the region with highest number of RE100 members, **47% in 2019**
- ▼ **17% of members are headquartered in UK** (30 members).



# Renewable Energy Sourcing

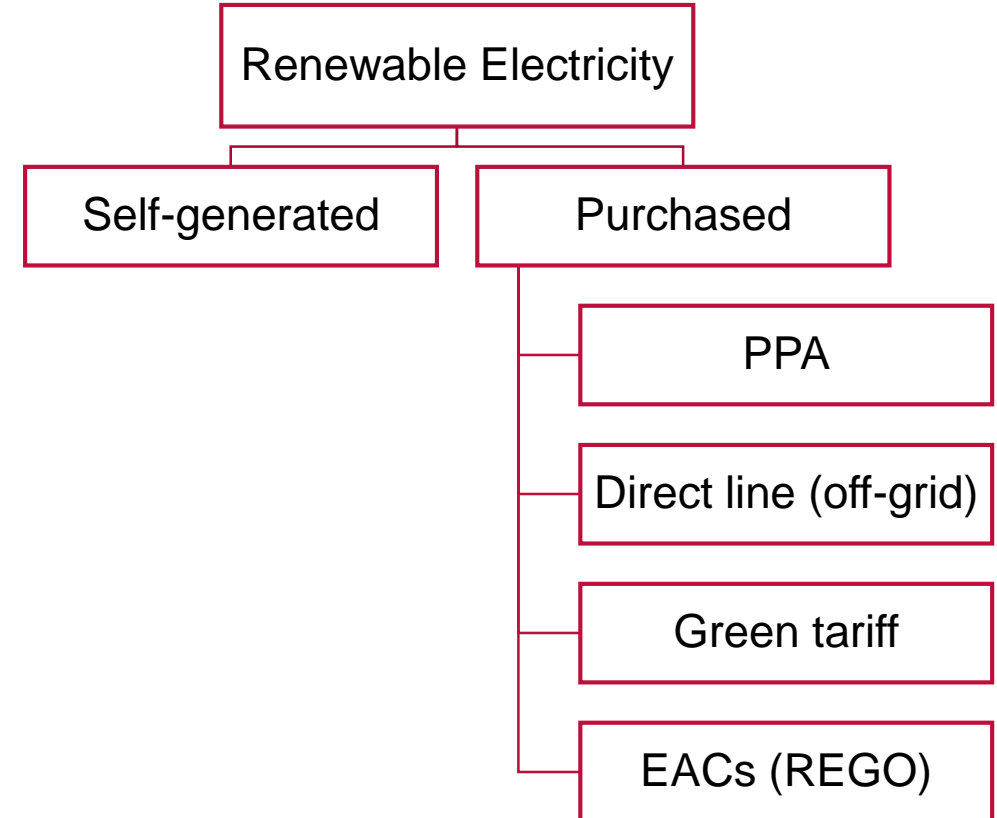
*Credible renewable energy sourcing options*

## Self-generated electricity

1. Generation from installations owned by the company
  - A. Direct consumption from onsite installations (on- or off-grid)
  - B. Consumption from off-site grid-connected installations
  - C. Direct line from off-site installations with no grid transfers

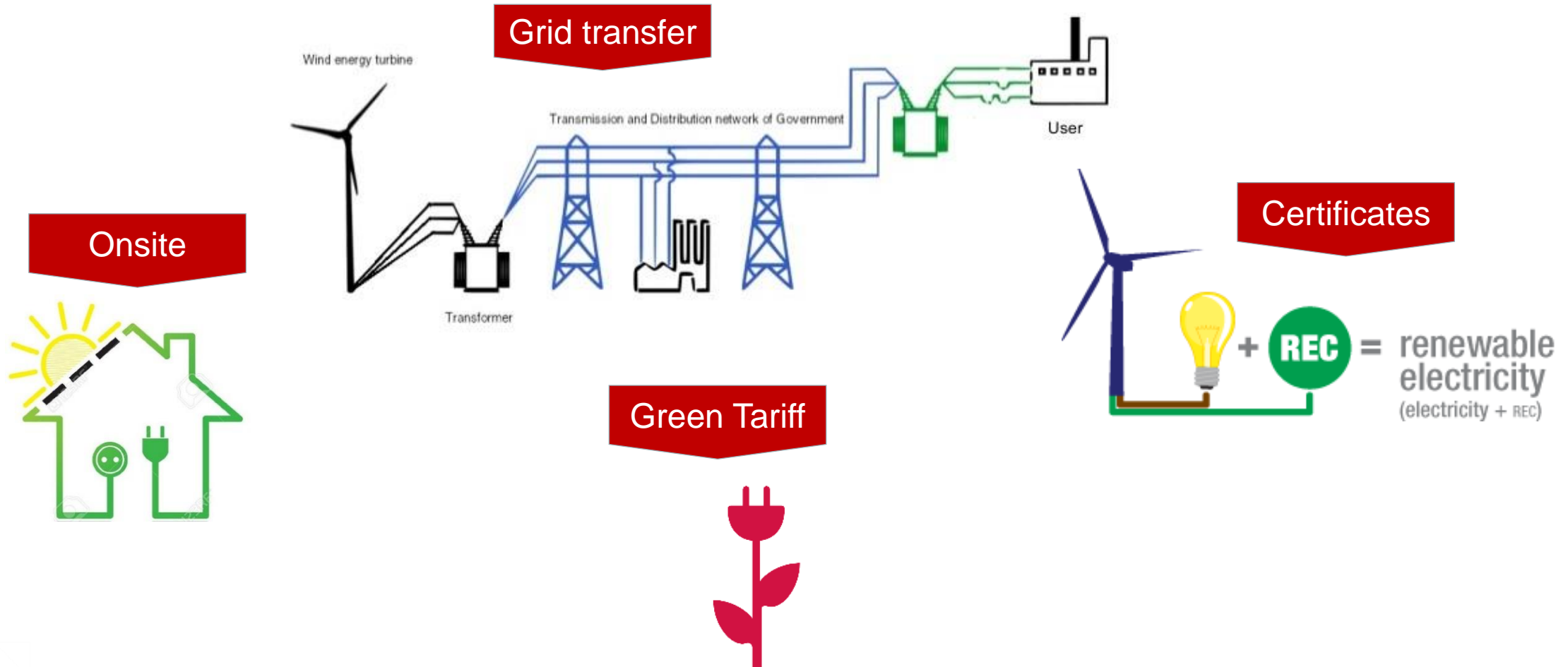
## Purchased electricity

2. Purchase from on-site installations owned by a supplier.
3. Direct line to an off-site generator with no grid transfers
4. Direct procurement from offsite grid-connected generators
5. Contract with suppliers (green electricity products)
6. Unbundled energy attribute certificate purchase (RECs)



# Renewable Energy Sourcing

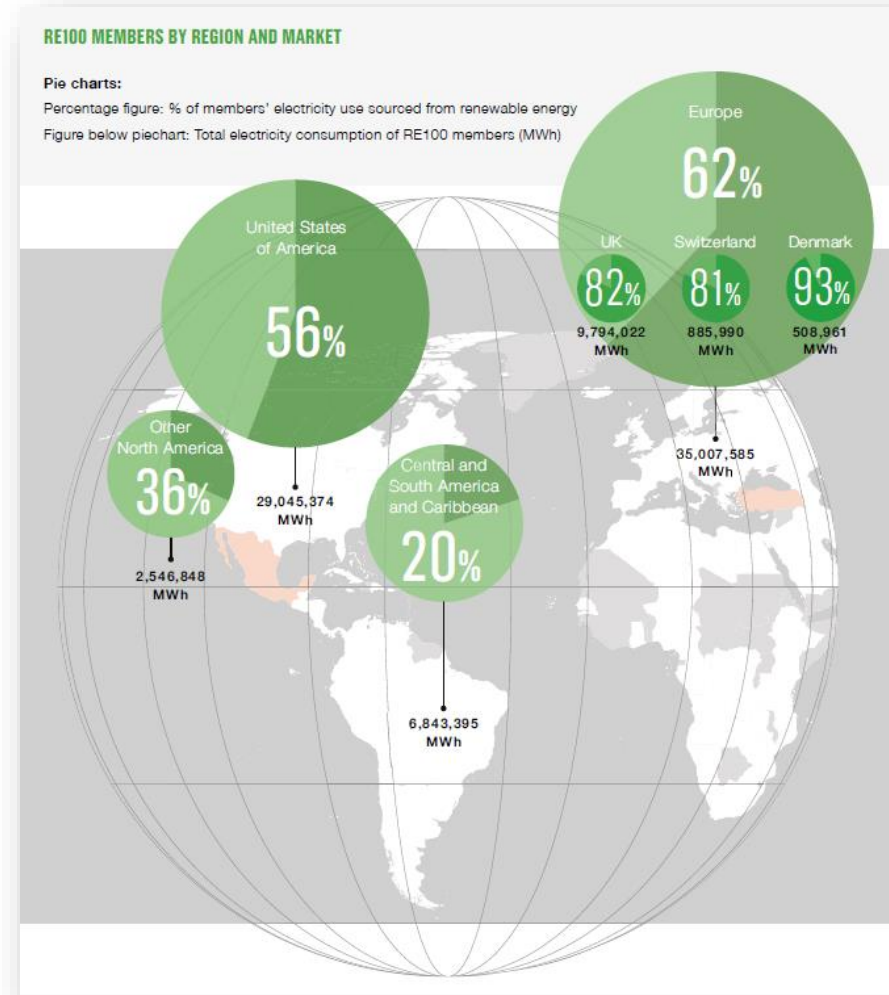
*What worked well in UK*



# RE100 Members in UK

*Demand created by RE100 members in UK*

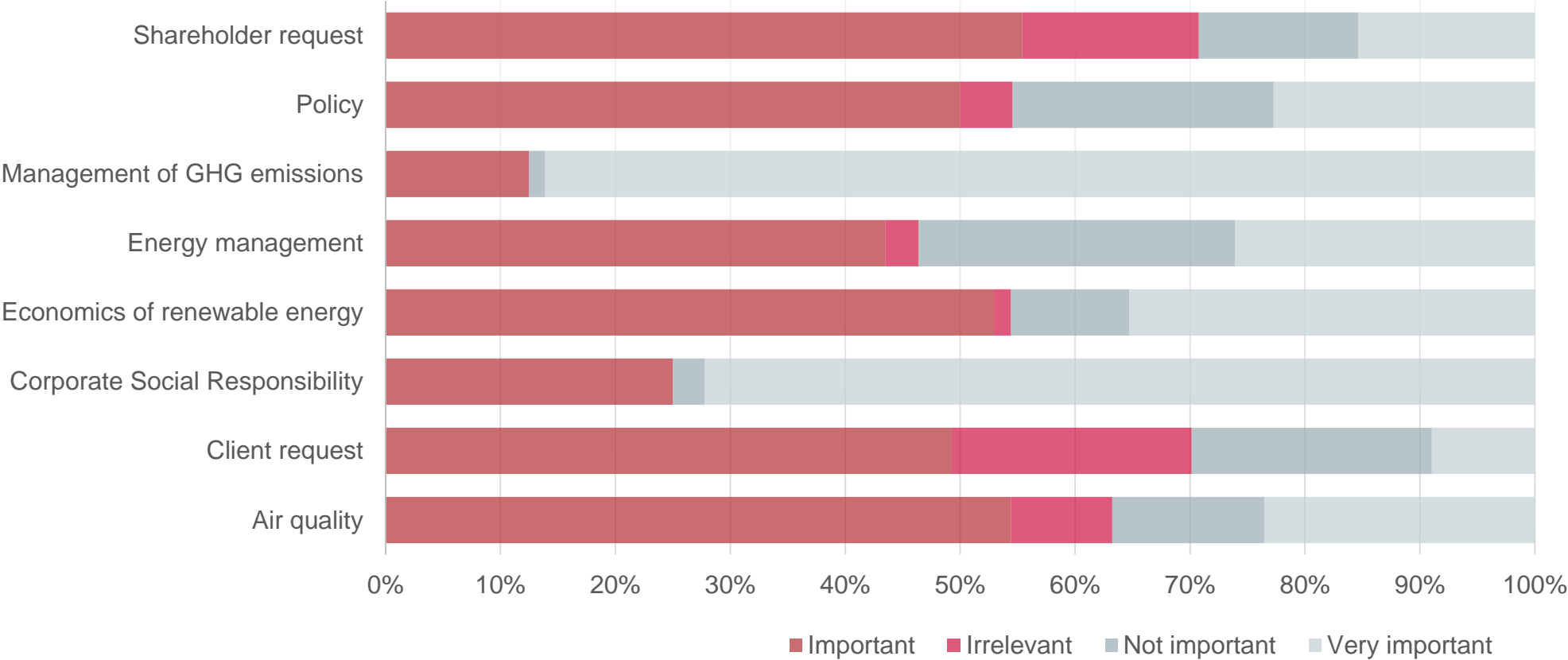
- ▶ **10 TWh** of electricity demand by 65 companies is committed to 100% RE (2018).
- ▶ **53** Companies in UK purchased and consumed **8 TWh (82%)** of RE in 2018.
- ▶ **445 GWh** has been consumed via PPA by 5 companies (4 wind and 2 Solar PV deals)



# Key Drivers

*Drivers for sourcing renewable energy*

MAIN DRIVERS/REASONS TO SOURCE RENEWABLE ELECTRICITY



## Key resources in the space of corporate RE sourcing



# Resources

## Key resources to understand corporate renewable energy sourcing



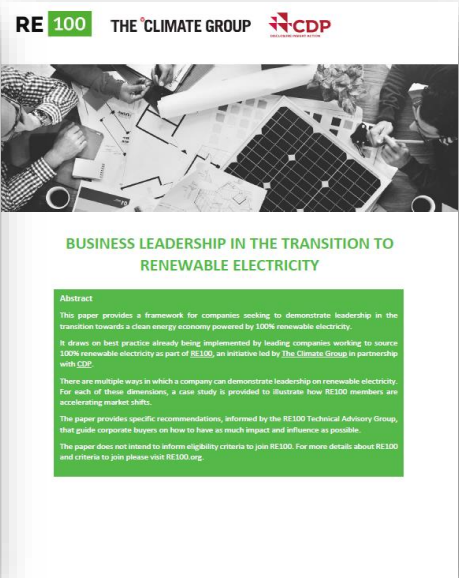
RE100 Technical Criteria



Making credible renewable electricity usage claims



RE100 Progress Report 2018



RE100 leadership paper



Thank You!

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