



HOW YOU CAN ACCELERATE THE NET ZERO TRANSITION

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Statkraft – in brief



Climate-friendly power generation

58,5 TWh

97%

Renewable energy

More than

3 million

energy related contracts traded per year

5 700

employees in 21 countries

437

power plants around the world



100%

Norwegian state-owned

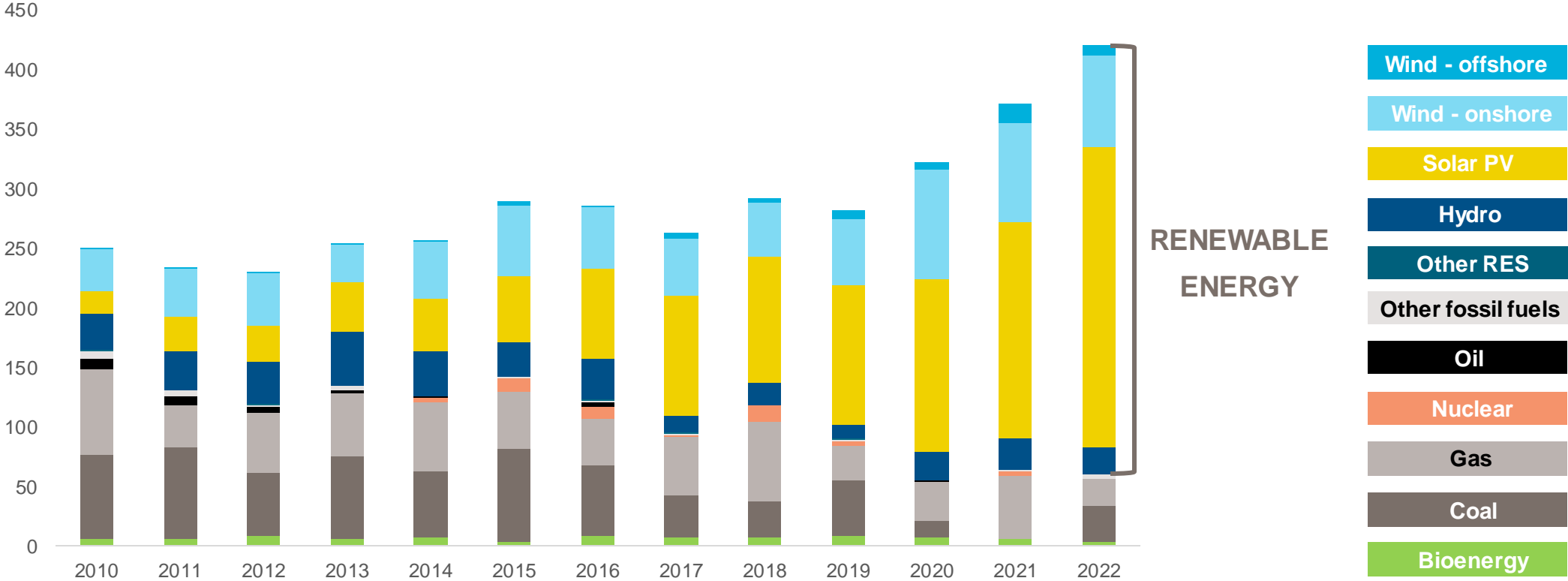
What is Net Zero?

- “net zero means cutting greenhouse gas emissions to as close to zero as possible, with any remaining emissions re-absorbed from the atmosphere, by oceans and forests for instance.”
- To keep global warming to no more than 1.5°C – as called for in the Paris Agreement – emissions need to be reduced by 45% by 2030 and reach net zero by 2050.
- More than 140 countries, including...China, the US, India and the EU have set a net-zero target, covering about 88% of global emissions. More than 9,000 companies, over 1000 cities, more than 1000 educational institutions, and over 600 financial institutions have joined the Race to Zero, pledging to take rigorous, immediate action to halve global emissions by 2030.

Source: Net Zero Coalition | United Nations

The electricity sector is already transforming

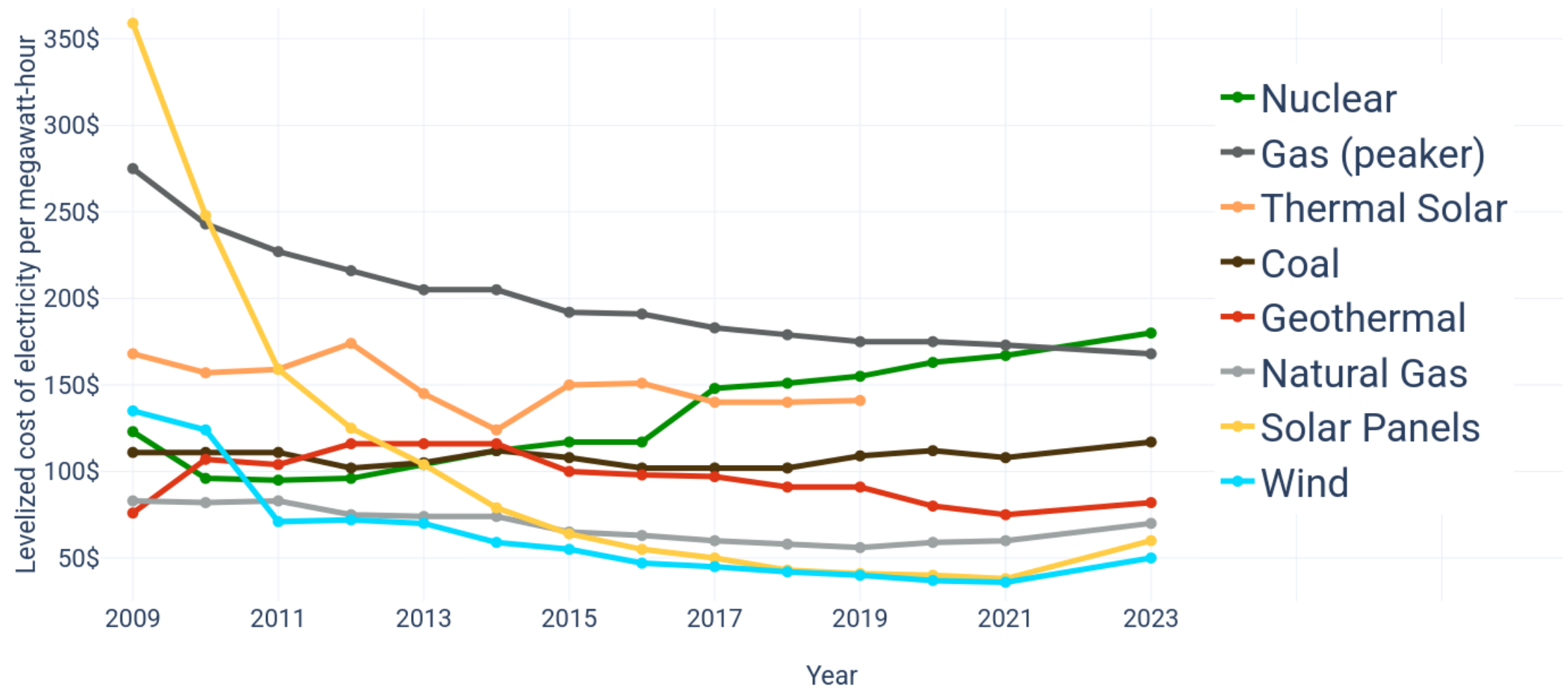
Global capacity additions (GW/year)



Data from BloombergNEF and IEA

RENEWABLE ENERGY

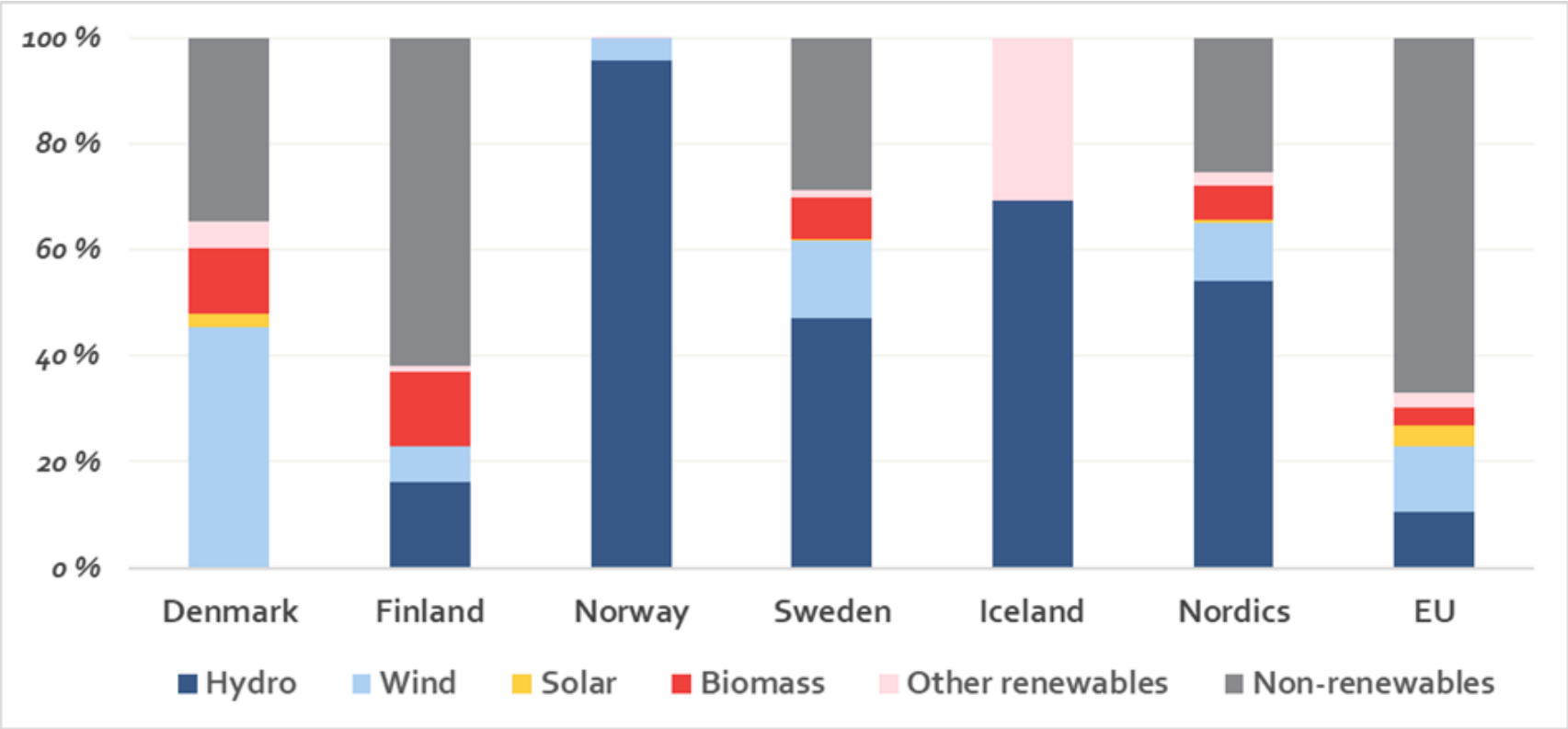
Electricity costs according to data from Lazard



5 Average unsubsidized levelized cost of energy. Data source is Lazard
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Nordics Lead the Way

Percentage of electrical generation from renewable sources in 2019, per Nordic Energy Research

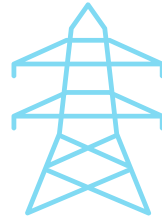


Renewable Energy Adoption Challenges



Storage

- Renewables are intermittent, and storage enables transmission when the fuel source is not available



Transmission

- Many promising sites are far from population centers
- Lack of grid capacity causes chokepoints and curtailment
- Building new transmission requires many governmental and private party approvals



Permitting

- In some US states there is **9** year interconnection que to get new projects grid connected

Renew the way the world is powered

**We act
responsibly**

**We grow
together**

**We make an
impact**