

# URANIUM

A KEY ELEMENT TO ACHIEVE A NET-ZERO CARBON FUTURE

The world is moving towards net-zero carbon energy. As populations and energy needs rise, energy sources of the future need to be both clean and sustainable.

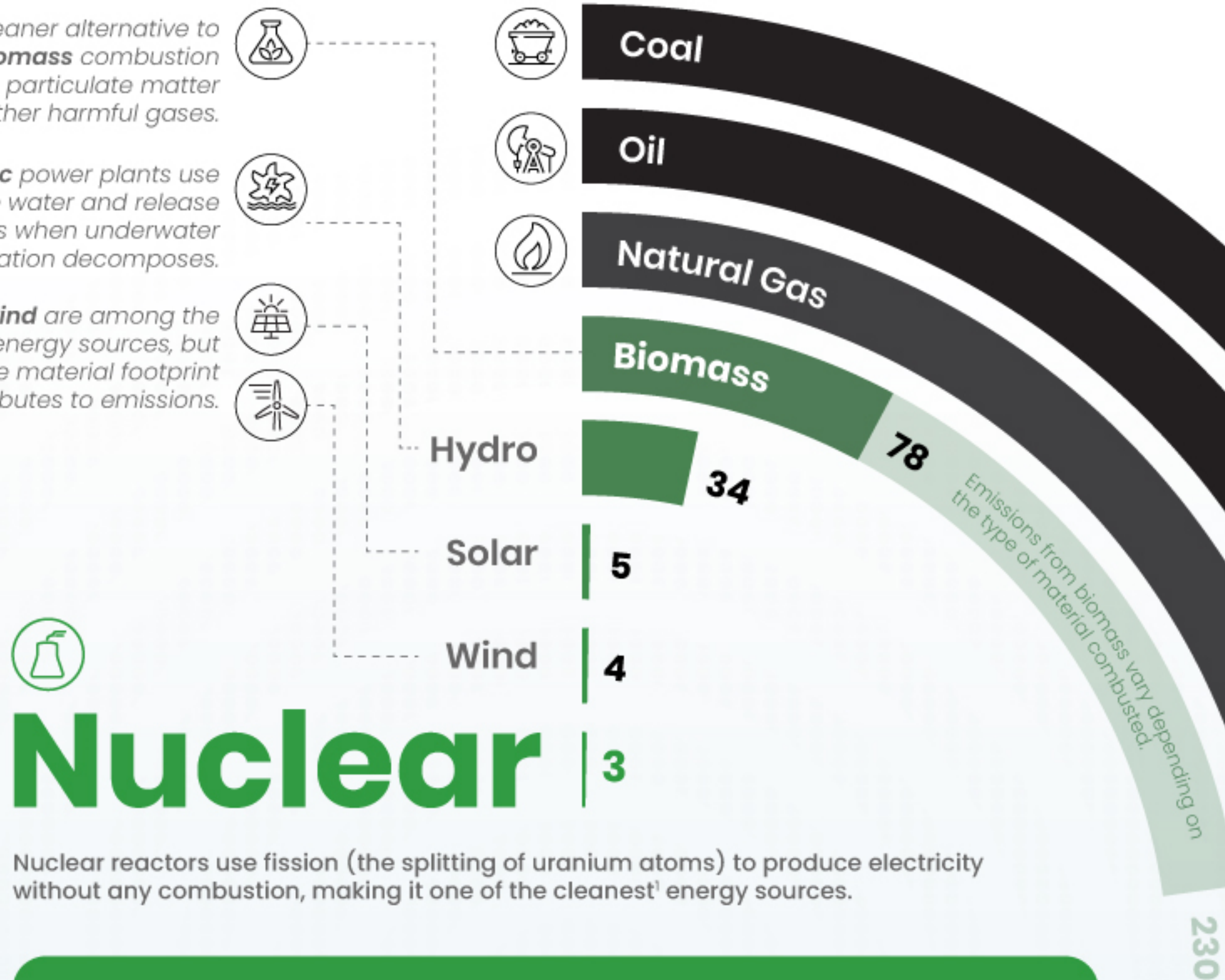
## Which energy source is the cleanest?

CO<sub>2</sub>-Equivalent Emissions Per Gigawatt-Hour of Electricity  
Over the Lifetime of a Power Plant *Tonnes*

While it's a cleaner alternative to fossil fuels, **biomass** combustion releases CO<sub>2</sub>, particulate matter and other harmful gases.

**Hydroelectric** power plants use reservoirs to store water and release greenhouse gases when underwater vegetation decomposes.

**Solar and wind** are among the cleanest energy sources, but their large material footprint contributes to emissions.

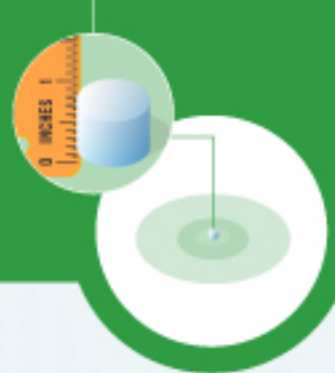


## Nuclear

Nuclear reactors use fission (the splitting of uranium atoms) to produce electricity without any combustion, making it one of the cleanest<sup>1</sup> energy sources.

### The Power of Uranium and Nuclear Fuel

- Uranium's high energy density allows nuclear power plants to generate large amounts of electricity efficiently.



1 Uranium Pellet  
(~0.5" wide by 0.75" tall/  
size of a gummy bear)

has energy  
equivalent to:



120 gallons  
of oil



1 ton  
of coal



17,000 cubic ft  
of natural gas

Source: Our World in Data, U.S. Department of Energy. <sup>1</sup>Based on CO<sub>2</sub>-equivalent emissions per gigawatt-hour of electricity produced

As one of the cleanest and most powerful sources of energy, nuclear power could play a key role in helping countries achieve decarbonization goals in the fight against climate change.

# Sprott

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\*Based on Morningstar's universe of listed commodity funds. Data as of 6/30/2021.

Important information about the Trust, including the investment objectives and strategies, applicable management fees, and expenses, is contained in the Management Information Circular.

View the Management Information Circular: [sprott.com/media/4122/uranium-management-information-circular.pdf](https://sprott.com/media/4122/uranium-management-information-circular.pdf)

Please read the document carefully before investing. Investment funds are not guaranteed, their values change frequently and past performance may not be repeated.