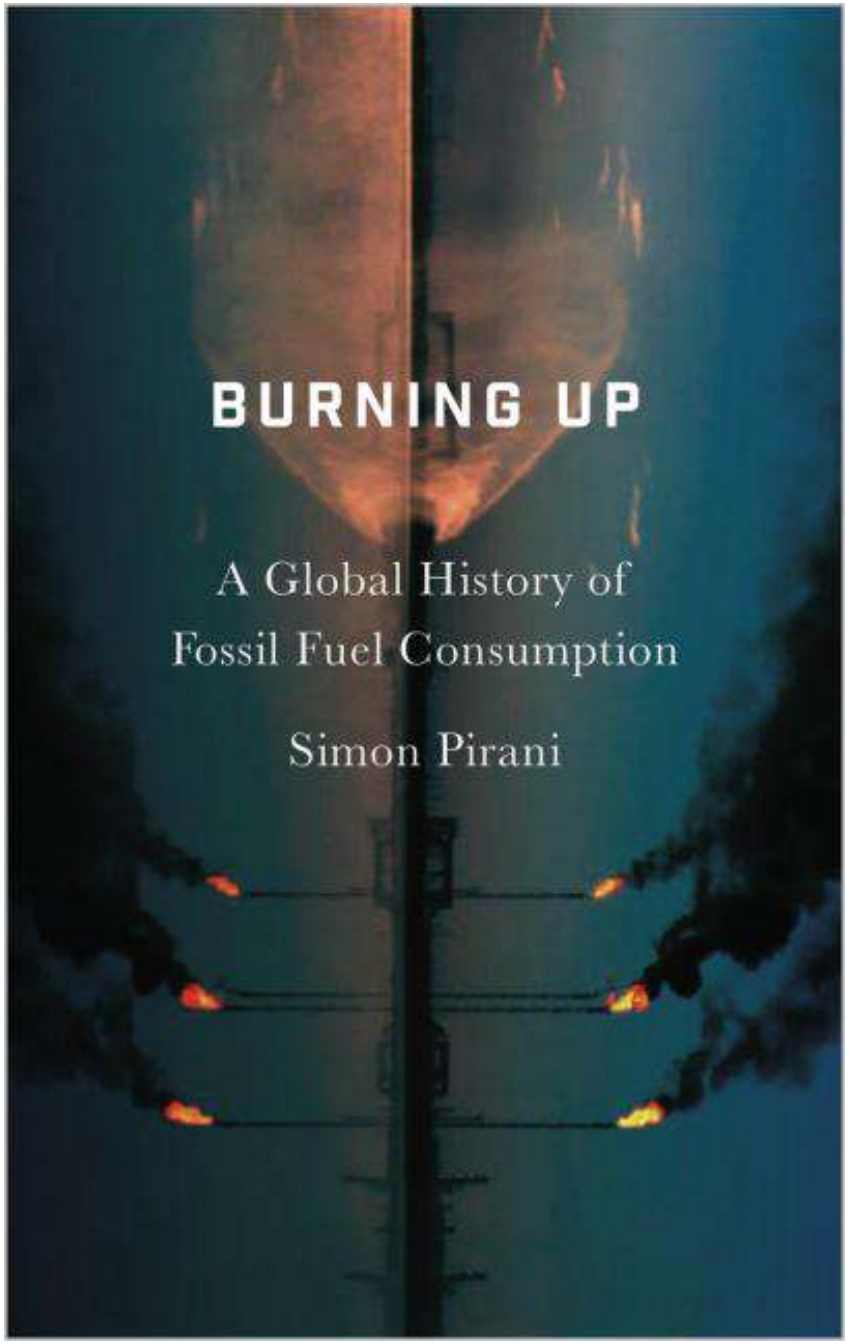
Campaign Against Climate Change
No non-radical solutions conference

London, Saturday 31 October

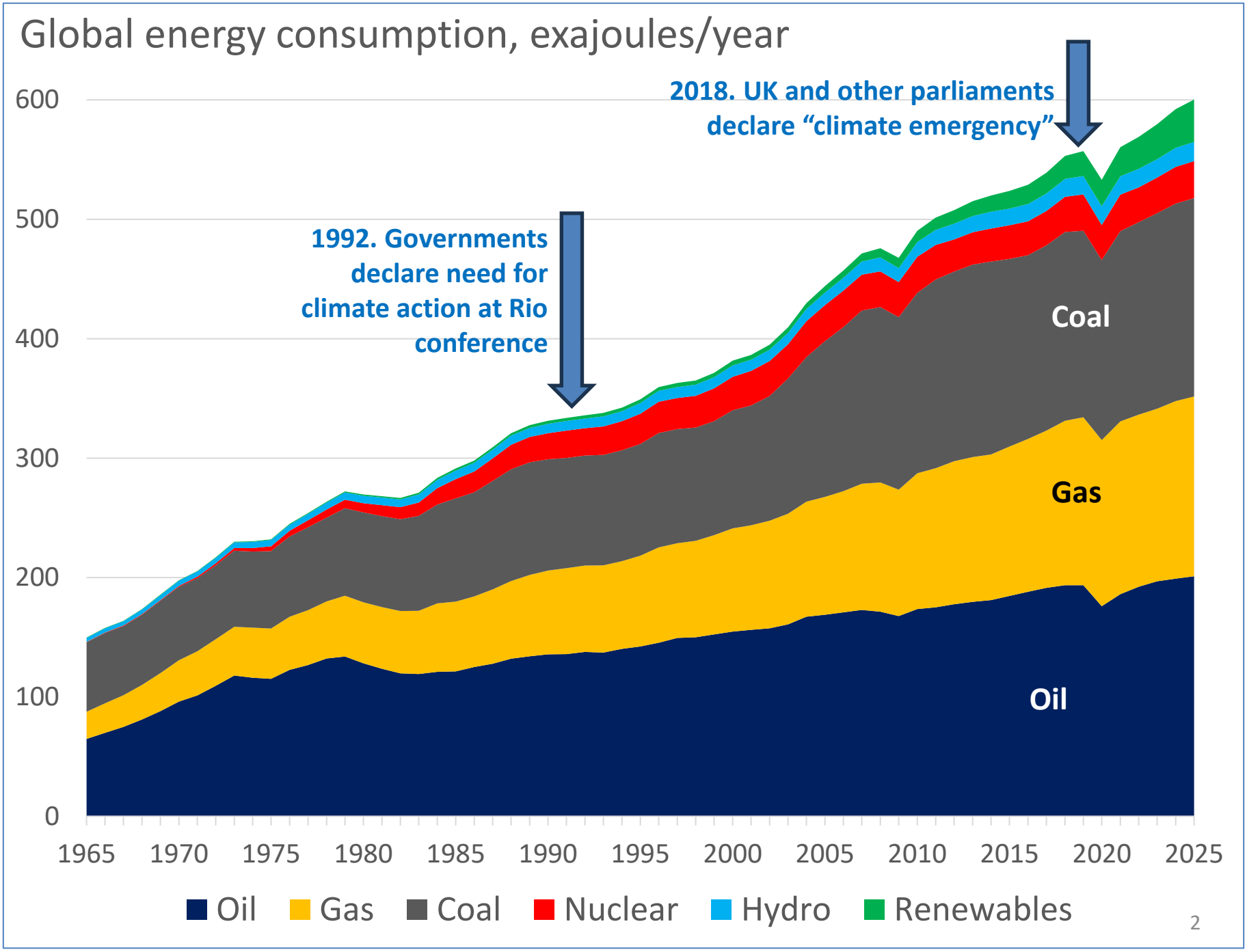


Simon Pirani

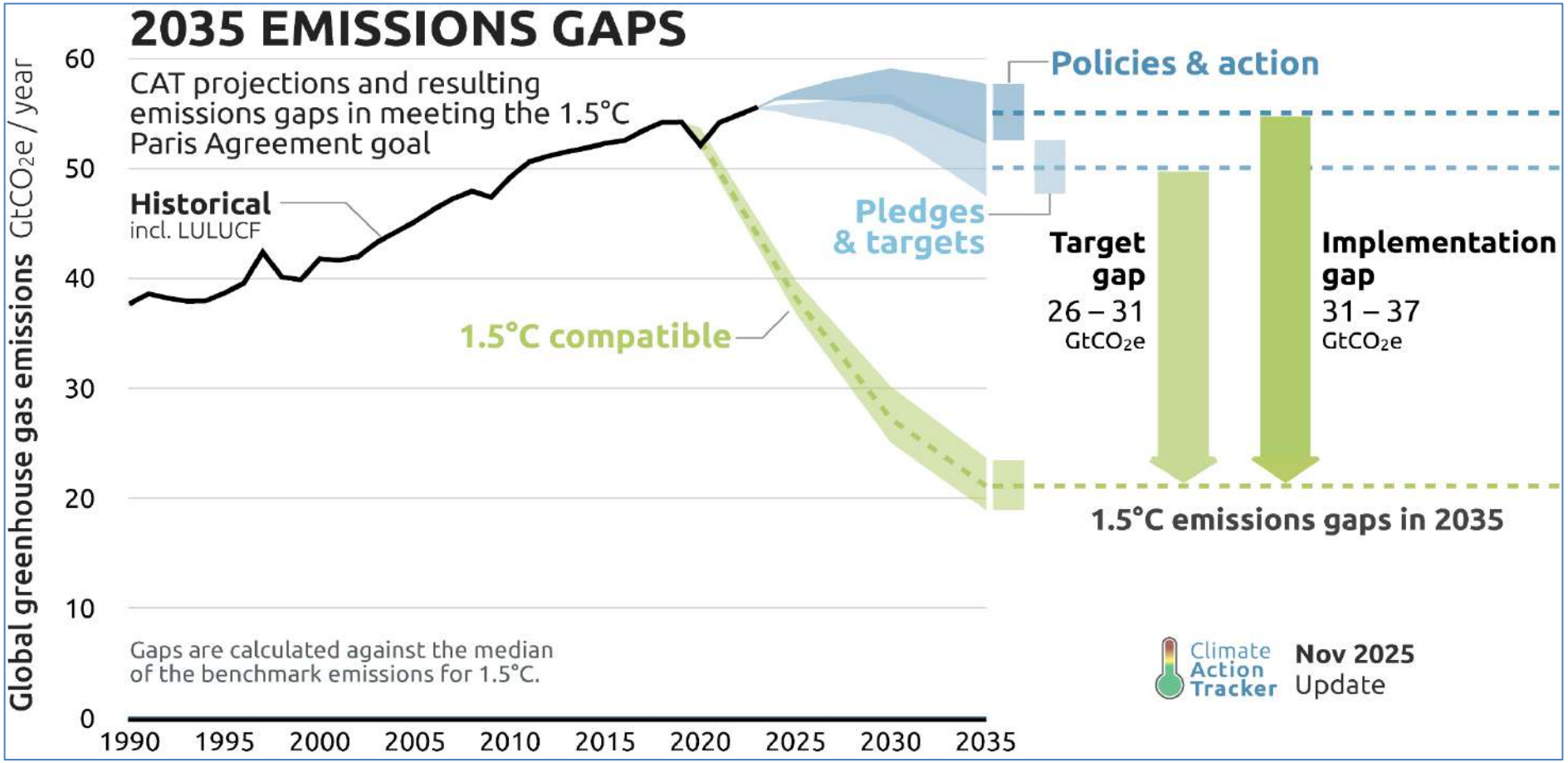
Author, Burning Up: a global history of fossil fuel consumption

peoplenature.org

@SimonPirani on BlueSky


Global energy consumption, exajoules/year
2018. UK and other parliaments declare "climate emergency"
1992. Governments declare need for climate action at Rio conference
Coal
Gas
Oil
600
500
400
300
200
100
0
1965
1970
1975
1980
1985
1990
1995
2000
2005
2010
2015
2020
2025
Oil
Gas
Coal
Nuclear
Hydro
Renewables

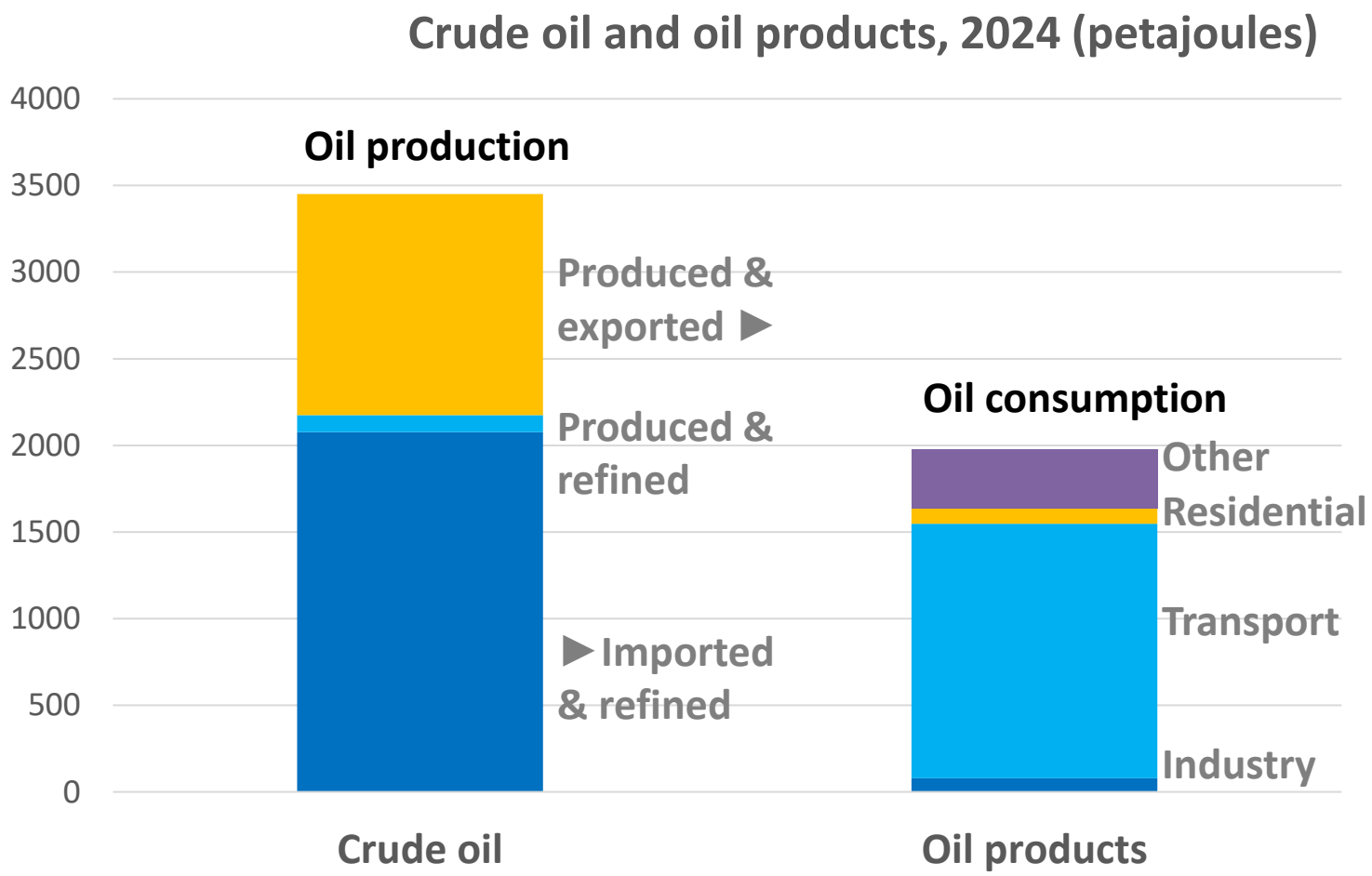
The international climate talks have been a failure by political elites on a grand scale



The gap between targets and actions is wide

The gap between what's needed and the targets is even wider

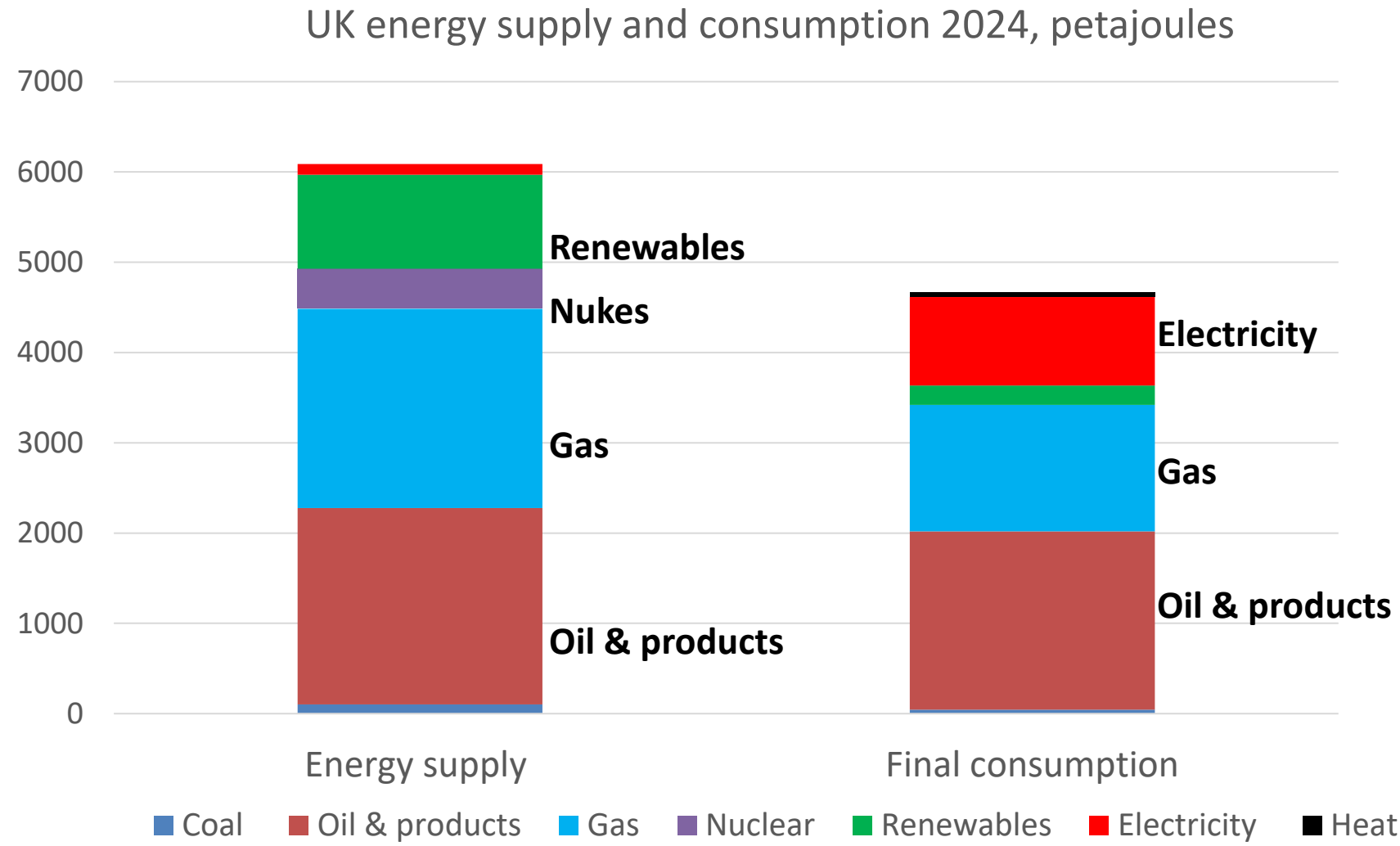
UK oil production and use



To tackle climate change, it is essential to move away from car-centred transport systems, that account for most oil consumption

Gas, wind & nukes ► electricity

(Energy systems are not 100% efficient. So use is less than supply)



Serious decarbonisation policy will focus on reducing throughput

Fossil fuels are mainly used by and through technological and social systems. We need to change those systems, not just individual behaviour



Car-based urban transport systems, produced by:

►Car manufacturers (with lobbying power and sales techniques)

► Road and parking-space construction

► Undermining of alternative modes of transport

► Oil industry need for customers

Plastics in supply chains & waste, produced by:

►The petrochemicals industry

►Industrialisation of food manufacture and supply chains

►Substitution of plastics for other types of packaging

►Expansion of throwaway culture

►Expansion of global waste disposal industry



Tackling climate change makes life better. Our organising needs to communicate that

Examples:

- **Advocating retrofits + installation of heat pumps and solar panels so homes are warmer and energy bills lower**
- **Electricity microgrids vs 'big six' control**
- **Organising for better public transport systems, provided free and funded out of general taxation**



2022 health workers' demo for climate action. Photo by Steve Eason

- **Beware of false solutions, such as swapping petrol-fuelled cars for electric cars**