

NUCLEAR POWER



is **NOT** the answer to



CLIMATE CHANGE

Nuclear power:

- Is not zero carbon
- Is uneconomic
- Takes too long to develop



Many national and local groups oppose new nuclear, including: **Greenpeace, Friends of the Earth, CND, Low Level Radiation Campaign, No2NuclearPower, Parents Concerned About Hinkley, Shepperdine Against Nuclear Energy, Shut Down Sizewell,**



Welsh Anti Nuclear Alliance

Help us stop a new generation of nuclear power stations:

nonewnuclear@activix.org or vd2012-npp@yahoo.co.uk

stopnuclearpower.blogspot.com

(includes links to many local anti-nuclear campaigns)

***Say NO to nuclear white elephants,
YES to sustainable energy policies!***

Not Zero Carbon

Although a nuclear reactor produces very little carbon dioxide (CO₂) in operation, the production and transportation of uranium fuel, the construction and dismantling of nuclear reactors and the processing of nuclear waste are all carbon intensive. An analysis of over 100 studies (reported by 'Energy Policy' in 2008) concluded that the typical figure for CO₂ equivalent from nuclear power is:

66 grams per kilowatt hour

This is more than **ten times** the figures provided by the nuclear industry and worse than all the renewable alternatives.

Uneconomic

In November 2009 the major investment company Citigroup slammed the economics of nuclear power, stating that:

“Three of the risks faced by developers - Construction, Power Price, and Operational - are so large and variable that individually they could each bring even the largest utility company to its knees financially.”

Takes Too Long to Develop

A replacement programme of reactors providing 10 gigawatts of total new nuclear capacity would cut UK CO₂ emissions **by just 4% some time after 2025** (*Sustainable Development Commission*), yet the government has committed to a cut of 34% by 2020.

Some other problems with nuclear power:

- Proposed reactors (EPR and AP1000) have key safety design faults
- The waste remains dangerous for hundreds of thousands of years
- Routine emissions and leaks harm the health of local communities
- Risks of accidents, nuclear weapons proliferation and terrorism

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