

Clean Wood

Burning Sustainable Heating

Eco-Friendly Choices for Clean Wood Burning & Sustainable Heating

Eco Friendly Firewood

Sustainable Logs

With sustainable living on the rise, discover the advantages of sustainable wood for heating, including: outcomes of clean wood burning, different types of sustainable clean burning wood, essential qualities and characteristics, and recognised accreditations.

The "Sustainability & According to the UK Government's 2022 report on **Consumer Behaviour 2022"** "UK Energy in Brief" 1): report by Deloitte indicates (2): 1) The use of renewable 1) A sharp increase in

Sustainable living is on

the rise in the UK

has been steadily increasing, reaching **55.2%** of total electricity generation in 2022 2 Greenhouse gas



emissions have decreased by 3.6%

energy sources in the UK

between 2021 and 2022, and by **48.8%** since 1990

Clearly, we're taking sustainable



sustainable lifestyle Compared with 2021, consumers have significantly increased their focus on





points

the number of people

adopting a more



points reducing opting for meat



low carbon emission consumption modes of transport







repairing items, with one in two

through responsible practices that

prioritise the long-term health and

viability of forests. This includes

sustainable forest management

techniques, such as reforestation,

environmental impact mitigation,

biodiversity conservation,



buying second-hand or refurbished goods **(40%)**, with **38%** paying extra for



more durable or longer-lasting products



and fostering the socio-economic welfare of local communities.



produce fewer emissions.

Advantages of using sustainable wood for heating

Low waste - by utilising the entire tree, from timber to wood chips, sawdust, etc.,

Accredited - (such as FSC),

Cost-effective - competitive

prices compared to other

environmental and social

indicates rigorous

standards

fuel options

Recyclable and

naturally

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Use of local resources - supports local economies, reduces transport

biodegradable - can be

recycled or left to biodegrade

Responsibly managed forests

continuous supply of trees is

harvested and replaced

ensures environmental

conservation

Carbon-neutral - has a

Cosy and comfortable

Non-toxic - there are no

pesticides, preservatives, etc.,)

harmful chemicals (e.g.,

charm

neutral or low carbon footprint

as trees absorb carbon dioxide

ambience - adds warmth and



Reduced non-renewables use

- contributes to sustainable

Responsibly harvested obtained by ethical and

environmentally responsible

and resilient energy

practices

costs and imports

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Outcomes of clean wood burning

Lowered carbon emissions -

less carbon dioxide (CO2) and

pollutants such as particulate

other greenhouse gases,

Reduced air pollution -

minimised emission of

matter, volatile organic

harmful gases

health risks

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compounds (VOCs), and

Reduced health risks - this

protects human health from

respiratory issues and other

Reduced use of fossil fuels -

fuel-based heating systems

utilisation - promotes the

sustainable use of wood as a

renewable energy resource

Sustainable resource

provides an alternative to fossil

mitigating climate change



Cost savings - through

leads to cost savings

Energy efficiency - clean

output from wood fuel

burning wood efficiently and

effectively, clean wood burning

wood burning appliances and

practices maximise the energy

Environmental conservation -

contributes to the conservation

of natural resources and ecosystems Improved indoor air quality indoor settings, such as stoves and fireplaces, help maintain healthier indoor air quality

combustion

aromas

minimal smoke

clean-burning option



Compressed logs - made from recycled wood waste or biomass. They are a clean-burning alternative to traditional firewood Recognised sustainable wood



Timber Trade Federation

growing the use of wood

Timber Trade Federation

(TTF) Responsible

Purchasing Policy (RPP)

In the UK, the maximum

amount of moisture content

allowed in firewood is **20%** :

Hardwoods – such as oak, maple, birch, and ash are dense

and have a low moisture content, with clean & efficient

Fruitwoods – such as apple, cherry, and citrus woods are

Bamboo – a fast-growing option that burns cleanly & emits

Pellets and briquettes - made from compressed sawdust

and other biomass. They are an environmentally friendly and

known for producing clean-burning fires with pleasant

accreditations The following accreditations and regulations guarantee that wood products in the UK and EU originate from sustainable forests and comply with legal

UK Woodland

Assurance

Standard (UKWAS)

EUTR

EU Timber Regulation (EUTR) superseded by EU

Deforestation-free Products

(EUDR)

assuring them that the wood they

preservation and health of forests

estimated to be **3.25 million** (4):

19% in Scotland, 15% in Wales,

9% in Northern

Ireland

This is an

increase

from **36%**

In the UK, a total of

approximately 12,000

hectares of woodland

restocking, supported by

These offer consumers and

businesses peace of mind,

buy has been responsibly

and ecosystems:

13% of the total

land area in the UK

England, and

harvested, and supports the

Statistics relating to sustainable wood he UK's total woodland area is

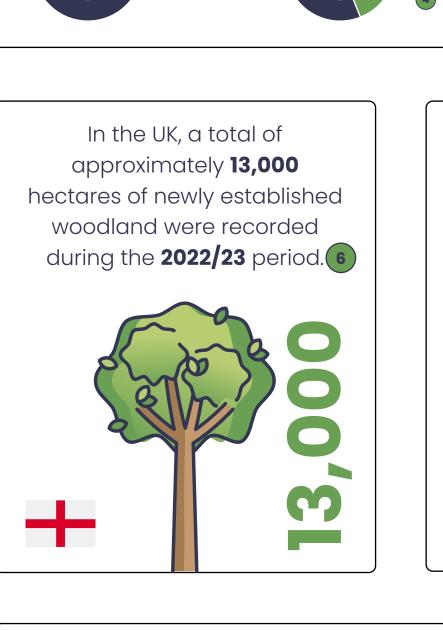
Forests which are certified as sustainable:

UK **44%** (or

1.44 million

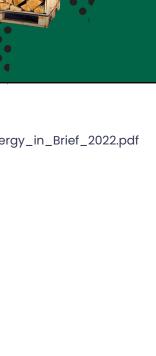
hectares)

(PEFC)



Globally, roughly 10%

of forests



An infographic from Cozilogs We hope you enjoyed our infographic on how to burn wood cleanly from sustainable sources. Why not visit our website. All firewood is available in bags, nets, and crates and comes certified as Woodsure 'ready-to-burn' and Grown in Britain. https://www.cozilogs.co.uk/contact 044 1905 954 736 Sources: 1. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1016838/UK_Energy_in_Brief_2022.pdf 2. https://www2.deloitte.com/uk/en/pages/consumer-business/articles/sustainable-consumer.html 3. https://uk-air.defra.gov.uk/assets/documents/reports/cat09/1903131256_Seasoning_Wood_Web_Feb_2019_V5.pdf 4. https://www.forestresearch.gov.uk/tools-and-resources/statistics/statistics-by-topic/woodland-statistics 5. https://jncc.gov.uk/our-work/ukbi-blb-sustainable-forestry 6. https://www.burnright.co.uk/wp-content/uploads/2022/02/14972_Finalreport-BurninginUKhomesandgardens-1.pdf 7. https://airqualitynews.com/indoor/stove-industry-alliance-responds-to-pollution-concerns **External links** www.fsc.org www.pefc.org www.ukwas.org.uk

public funding, were reported during the 2022/23 period. In a 2019 DEFRA survey 4, 19% of UK adults burned wood indoors and/or outdoors: the proportion burning the proportion burning outdoors was 14% indoors was 8% A contemporary Ecodesign clearSkies clearSkies certified wood burning stove emits significantly lower clearskiesmark.org emissions compared to: up to 80% less an open fire, with up to emissions compared 90% reduction, and to a stove that is over 10 years old 8

www.ttf.co.uk/responsible-purchasing-policy https://www.clearskiesmark.org

High on Heat · Low on Emissions

https://environment.ec.europa.eu/topics/forests/deforestation/regulation-deforestation-free-products_en