burn right

We all breathe the same air

www.burnright.co.uk

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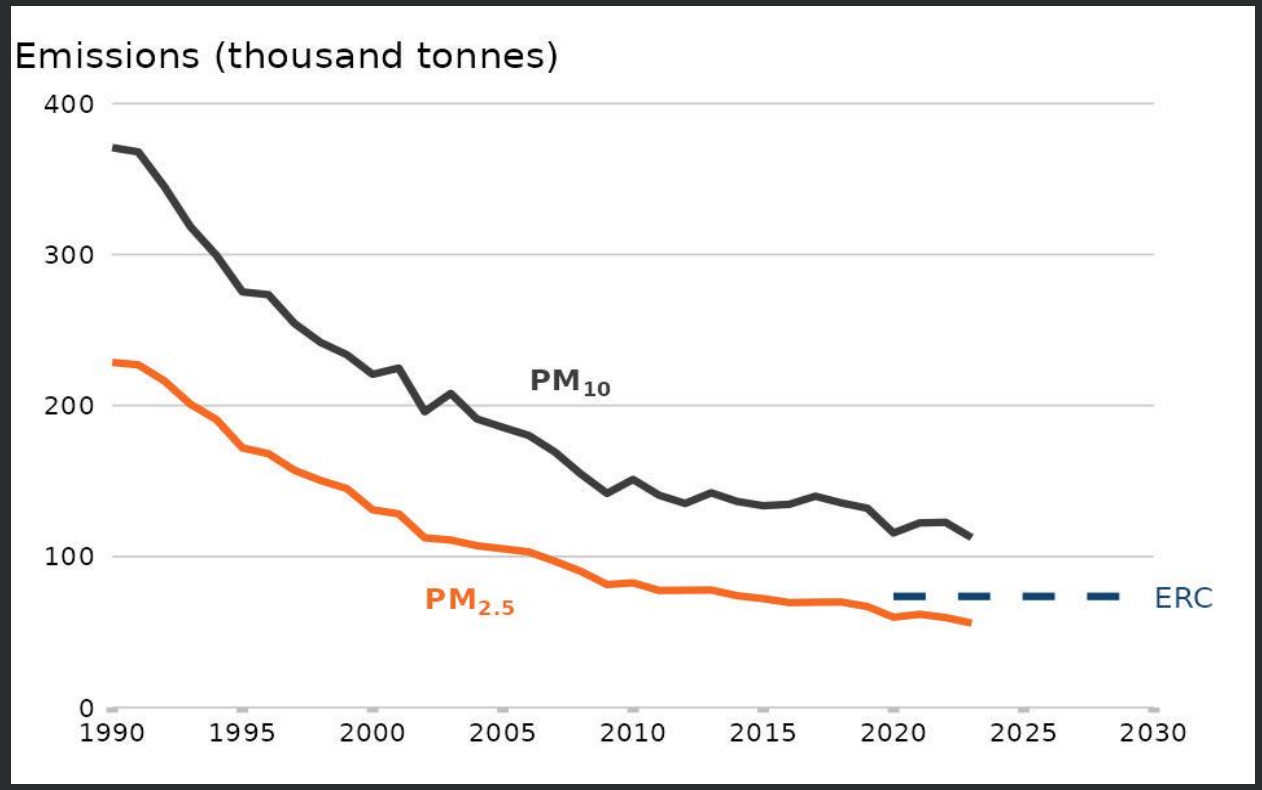
Trends in total annual emissions of PM10 and PM2.5 in the UK, 1990 to 2023



Wood as Fuel

- Often locally sourced, locally processed, locally sold
- Renewable
- Independent
- Cost vs other heating
- Carbon neutral at point of use

Two Fuels in One Package

Hydrocarbons / volatiles – e.g. Tars, Resins, Creosote

Fixed Carbon (charcoal)

Efficient Wood Burning

- Stove design
- Chimney design
- Moisture content of fuel
- User operation
- Size and location of stove

Getting it Wrong

Getting it Wrong

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Getting it Wrong

Getting it Right

All About Burning Temperature

Fuels

Species of wood

Wood Briquettes

Pallet waste wood

Coal and Smokeless Coal

Plastic

Seasoning
Drying & storing

Log Store

Logs around Stove

Ready To Burn

Advanced Woodburning Techniques

- Little things that add up

- Log size
- Refueling intervals
- Top Down Lighting / burning
- Mixing Fuels

Shredded Liner

More things that add up
- Maintenance

Cracked bricks

More things that add up
- Maintenance

Cracked bricks

More things that add up
- Maintenance

Frayed Rope Seal

Stove Fan and Thermometer

Moisture Meter

Open Fires

- Efficiency
- Design
- Heat losses

Upgrading Old Stoves

New stoves are more efficient and significantly less polluting than older ones.

Information and fact checking

burnright.co.uk

gov.uk (search “Defra particulate matter”)

stoveindustryassociation.co.uk

findachimneysweep.co.uk

Thanks for coming. Your questions

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