

Episode 56TG April 24, 2024. Scotland's Air in Real Life (IRL) is currently defeated by wood stove pollution.

In Episode 56TG, Scotland's Air in Real Life (IRL) is currently defeated by wood stove pollution. 1) Scotland Made Big Climate Pledges. Now They're 'Out of Reach.' RAWSEP View: Banning wood burning, not just in new construction, but everywhere in Scotland could go a big way to meeting Scotland's Climate Goals, to start with. Despite significant progress, Scotland was falling short on cutting vehicle emissions, switching to heat pumps and even restoring peatland, the government said. In 2021, Scotland's first minister, Nicola Sturgeon, called the country's climate targets "amongst the toughest" in the world. April 19, 2024. 2) A song called MacPherson's Lament is subtitled (A Scottish Air). "Macpherson's Lament" is a well known Scottish tune thought to have been composed by legendary fiddler, Jamie MacPherson, on the night before his execution in 1700. Orchestral Youtube video <https://www.youtube.com/watch?v=Vz1ihu0-by8> 3) What does air mean in music? Air (music). 4) California. RAWSEP View: Wood (renamed biomass) can be composted into usable soil, rather than burning wood chips for no good reason and creating air pollution when clean alternatives to wood burning for energy, wind and solar, are cheaper and don't cause air pollution. 5) Minnesota, Saint Cloud and Sauk Rapids Fire Department. Man dies from fire caused by outdoor wood burning stove. 6) Montana, Helena, Priest Pass. Human caused fire. 7) New York, New York City. Pizzerias' wood burning rule will cut smoke pollutants by 75%. 8) Oklahoma, Fitzhugh County. Allowable wood burning (waste burning) policy is reviewed after Transfer station fire. 9) Canada, Alberta, Athabasca. (wood) Fire ban. Evacuation alerts. 10) Canada, British Columbia, Okanagan. Open (wood) burning permits end 4/30/2024. 11) Australia. Canberra. Wood heat industry and ill health. 12) Scotland. RAWSEP View: RAWSEP agrees with the sentiment that we need actions, banning wood burning, to tackle climate change. The source of the wood, (artistic "sourcing") that is burned is immaterial, all wood burning pollutes the air. Erica Munro, in real life (I R L) wood smoke itself from wood burning is the smokescreen. The solution of stopping wood burning to stop pollution is the opposite of a smokescreen. Ironic, isn't it? and hopefully your ironic and foolish words will not be heeded. Wood burning in real life, I R L, causes unnecessary air pollution in Scotland. If there is fuel poverty that forces poor people to burn wood and cost their near neighbors adverse health problems and early deaths, that poverty can be alleviated by the government, if such poverty exists in real life (I R L) that forces air pollution on the world. 13) United Kingdom. Unnecessary and polluting Wood Burning PM2.5 at, of all places, an electric car dealership. Can the car dealer claim fuel poverty? 14) United Kingdom. Calls to ban wood-burning stoves in UK by 2027. 15) Uzbekistan. Expert attributes air pollution in Uzbekistan to anthropogenic factors. 16) India. 17) Laos. 18) PM2.5 and colorectal cancer. 19) PM2.5 and Covid 19. 20) PM2.5 and Earth Day. 21) PM2.5 and invisible killer. 22) PM2.5 and males. 23) PM2.5 and public health. 24) PM2.5 and two stage air pollution. 25) April 23, 2024. RAWSEP's 3 minute Comment to NEJAC at the Public Hearing. 1) Scotland Made Big Climate Pledges. Now They're 'Out of Reach.' RAWSEP View: Banning wood burning, not just in new construction, but everywhere in Scotland could go a big way to meeting Scotland's Climate Goals, to start with. From the article: The problem is, that's not fast enough to be on track with the government's targets. The committee said that while the electricity sector had reduced emissions (Scotland has a lot of wind power), Scotland [wasn't on track](#) on reducing emissions from other sectors. It had failed to make sufficient progress on installing heat pumps to replace natural gas in heating. Despite significant progress, Scotland was falling short on cutting vehicle emissions, switching to heat pumps and even restoring peatland, the government said. In 2021, Scotland's first minister, Nicola Sturgeon, called the country's climate targets "amongst the toughest" in the world. April 19, 2024. Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. https://www.nytimes.com/2024/04/19/climate/scotland-climate-target-scrapped.html?campaign_id= Climate promises are hard to keep. Scotland is the latest, perhaps most surprising example. Scotland, an early industrial power and coal-burning behemoth, was also an early adopter of an ambitious and legally binding government target to slow down climate change. It had promised to pare back its emissions of greenhouse gases by 75 percent by 2030, compared to 1990 levels. This week, its Net Zero minister, Màiri McAllan, said that goal was now "out of reach." She said Scotland would scrap yearly targets for cutting emissions and review targets every five years. In 2021 the Scottish government's First Minister Nicola Sturgeon called Scotland's climate targets "not just amongst the most ambitious anywhere in the world — they are also amongst the toughest." The reversal shows how difficult it can be for governments to slash emissions. So what happened? Scotland had repeatedly delayed its climate plans and hadn't reduced emissions fast enough on most sectors of the economy. Scotland's 2030 goals, the committee said in mid-March, ["are no longer credible."](#) 2) A song called MacPherson's Lament is subtitled (A Scottish Air). "Macpherson's Lament" is a well known Scottish tune thought to have been composed by legendary

fiddler, Jamie MacPherson, on the night before his execution in 1700. There are several versions of the woeful tale, but one of the most intriguing portrays him throwing the pieces of his fiddle into what was soon to be his grave. Orchestral Youtube video <https://www.youtube.com/watch?v=Vz1ihu0-by8> Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. From Wikipedia, the free encyclopedia. 25 year old Jamie Macpherson (1675–1700) also known as James Macpherson was a Scottish outlaw, famed for his poetic work commonly called "Macpherson's Lament" said to have been composed by him on the eve of his execution. "Macpherson's Lament" is known also as "Macpherson's Rant" or "Macpherson's Farewell". It is alleged a pardon was en route carried by a lone rider to the site of execution. Local magistrates were said to have changed the [village's clock](#) to be 15 minutes early to cause the death sentence to be carried out sooner, before the rider with the pardon arrived. The magistrates allegedly were punished for this and the town clock was kept 15 minutes before the correct time for many years. 3)What does air mean in music? Air (music). Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. From Wikipedia, the free encyclopedia. For Bach see [Air on the G String](#). For the French musical duo, see [Air \(French band\)](#). An air ([Italian](#): aria; also ayr, ayre in [French](#)) is a song-like vocal or instrumental composition, or folk songs and ballads. It is a variant of the musical [song](#) form often referred to as [aria](#). English lute ayres. [Lute](#) airs from around 1597 were enjoyed until the 1620s. Based on the French [air de cour](#), they were solo songs, sometimes with three parts, accompanied on a [lute](#). 34 year old John Dowland's First Booke of Ayres was published in 1597. His most famous airs include "[Come again](#)", "[Flow, my tears](#)", "[I saw my Lady weepe](#)", and "[In darkness let me dwell](#)". Airs were further developed by 34 year old [Thomas Campion](#) whose Books of Airs (published in 1601) (co-written with Philip Rosseter) contains over 100 lute songs and was reprinted four times in the 1610s. After the 1620s, ayres were often incorporated into court [masques](#). Baroque and classical airs. By the 1700s, composers wrote airs for [instrumental ensembles](#) without a voice. These were song-like, lyrical pieces, often [movements](#) in a larger composition. [Johann Sebastian Bach](#) composed two of the best-known airs: 1)the second movement of his [Suite No. 3 in D major](#), which [August Wilhelmj arranged](#) for violin and piano as [Air on the G String](#); and 2)the [theme](#) of his [Goldberg Variations](#), the Air present also in Partitas [BWV 825–830 harpsichord](#). The fifth movement of [George Frideric Handel's](#) Suite in F Major, [HWV 348](#), part of Handel's [Water Music](#) collection, is another frequently performed air. 4)California. RAWSEP View: Wood (renamed biomass) can be composted into usable soil, rather than burning wood chips for no good reason and creating air pollution when clean alternatives to wood burning for energy, wind and solar, are cheaper and don't cause air pollution. [Transforming Waste Wood from Wildfire Hazard to Energy - California Local](#) This 6,000 square foot structure, a two-boiler system, will help dispose of dangerous biomass by burning wood chips to boil water, providing heat to. 5)Minnesota, Saint Cloud and Sauk Rapids Fire Department. Man dies from fire caused by outdoor wood burning stove. Alphabetical by Article Title. [1 dead after building fire in Sauk Rapids - KSTP.com 5 Eyewitness News](#) The Sauk Rapids Fire Department extinguished the building fire and other uncontrolled fires that reached two outdoor wood burning stoves. [911 caller tries in vain to douse flames that engulfed man on rural property near St. Cloud](#) Star Tribune. Firefighters from nearby Sauk Rapids extinguished flames in an outbuilding and two outdoor wood-burning stoves, the sheriff's office said. [House fire on rural property north of St. Cloud claims man, 76 - Star Tribune](#) Firefighters from nearby Sauk Rapids extinguished flames in an outbuilding and two outdoor wood-burning stoves, the Sheriff's Office said. There [Man dies after being found on fire beside burning outbuilding near Sauk Rapids](#) Bring Me The News. The Sauk Rapids Fire Department extinguished the fire in the outbuilding and uncontrolled fires engulfing two outdoor wood burning stoves. [Man Killed in Fire at a Home in Watab Township Sunday Afternoon | KNSI](#) The Sauk Rapids Fire Department knocked down the flames in the outbuilding and also put out uncontrolled fires engulfing two outdoor wood burning. [Man killed in rural Sauk Rapids outbuilding fire - Yahoo](#) The Sauk Rapids Fire Department extinguished the fire in the outbuilding and uncontrolled fires in two outdoor wood-burning stoves. 6)Montana, Helena, Priest Pass. Human caused fire. [Firefighters contain human-caused fire near Priest Pass - KTVH](#) burning dangerous material, such as aerosol cans or pressurized containers. When able, allow all wood to burn to ash, drown all embers in water. 7)New York, New York City. Pizzerias' wood burning rule will cut smoke pollutants by 75%. [New York City approves rule requiring pizzerias to cut smoke pollutants by 75% - MSN](#) smoke pollutants. The new rule will take effect on April 27, and will affect about 130 businesses. It requires pizzerias and bakeries using wood. 8)Oklahoma, Fitzhugh County. Allowable wood burning (waste burning) policy is reviewed after Transfer station fire. [Transfer station fire prompting waste burn review - Jasper Fitzhugh](#) The wildfire started after Parks started burning clean wood debris before the weekend. After the weekend, winds whipped embers off into the 9)Canada,

Alberta, Athabasca. (wood) Fire ban. Evacuation alerts. [Fire ban in effect for Athabasca County, Town, and Boyle burning barrels](#), and all portable wood burning fire pits. Fireworks and explosive targets are also banned until further notice. Under the new. Canada, Alberta. [2 Alberta hamlets on evacuation alert due to wildfire threat | CBC News](#) A wildfire burning west of the neighbourhood is spreading east, according to the critical alert. The hamlet of Saprae Creek Estates, about 30. Canada, Alberta. [Fort McMurray Forest Area Wildfire Update - April 21, 2024](#) The Alberta Wildfire Blog - Government of Alberta. Safe wood campfires are not affected by this advisory. Smoke may not be present from these burn piles Smoke columns are visible from many parts of. Canada, Alberta. [Wildfire puts hamlet near Fort McMurray on evacuation alert | CBC News](#) Smoke billows from a line of trees along a woods road. A wildfire near the community of Saprae Creek Estates has put residents of the hamlet under. 10)Canada, British Columbia, Okanagan. Open (wood) burning permits end 4/30/2024. [Open burning permits end April 30 for the Central Okanagan - AM 1150](#) wood debris outdoors. After obtaining an open burning permit meeting all local government bylaw requirements and all requirements of the. Canada, British Columbia. [RDCO open burning season set to wrap up April 30 - Kelowna News - Castanet](#) For agricultural producers, there are other options to dispose of wood trimmings and other debris. The RDCO offers a free chipping program to. 11)Australia. Canberra. Wood heat industry and ill health. [Wood-heat industry feels heat of health impacts | Canberra CityNews](#) "We are more informed and better educated today about the harmful health impacts of smoke from wood heaters, despite what the wood-heating. Australia, Melbourne, Pakenham. [EPA warns of careless burning off - Pakenham Gazette - Star Community](#) "Burning household, garden or farm waste like packaging, treated wood or particle board, old tyres or chemical containers sends smoke and other. Australia. New South Wales. [Assessing school children's exposure to air pollution in Solomon Islands - UNSW Sydney](#) PM2.5 are very small particles usually found in smoke. They have a diameter of 2.5 micrometres (0.0025 mm) or smaller. PM2.5 particles are a common. Australia, Tasmania. [Fuel Reduction Smoke Alert - New Ecclestone Road, Riverside - Avoid smoke - ABC Emergency](#) ABC. wood-heaters-woodfires-and-bushfires/. Incident Name, Fuel Reduction Smoke Alert - New Ecclestone Road, Riverside - Avoid smoke. Status, Investigating. 12)Scotland. RAWSEP View: RAWSEP agrees with the sentiment that we need actions, banning wood burning, to tackle climate change. The source of the wood, (artistic "sourcing") that is burned is immaterial, all wood burning pollutes the air. Erica Munro, in real life (I R L) wood smoke itself from wood burning is the smokescreen. The solution of stopping wood burning to stop pollution is the opposite of a smokescreen. Ironic, isn't it? and hopefully your ironic and foolish words will not be heeded. Wood burning in real life, I R L, causes unnecessary air pollution in Scotland. If there is fuel poverty that forces poor people to burn wood and cost their near neighbors adverse health problems and early deaths, that poverty can be alleviated by the government, if such poverty exists in real life (I R L) that forces air pollution on the world. [Chris Stark: We need actions not words to tackle climate change - Holyrood](#) When an architecture firm posted earlier this month that "wood-burning stoves have now been banned by the Scottish Government," it ignited a row on. Scotland. [Erica Munro: New wood-burning stove rules are a smokescreen that punishes wrong people](#) Press and Journal. Gravel Grove makes me feel easier about all the wood we burn in our stove and on our log fire, even though we're lucky to source it from fallen and. Scotland. [Jamie Halcro Johnston: Wood stove ban will 'exacerbate cases of fuel poverty' - Inverness Courier](#) Inverness Courier The interior of a cosy, stone cottage with stone walls and a fireplace with logs burning in a wood burner on a fireplace and hearth. Scotland. [MSP calls for reconsideration of wood-burner ban - The Orcadian Online](#) A Highlands and Islands MSP has cited his own experience of Orkney winters as he calls for reconsideration of a ban on wood-burning stoves in new. Scotland. What is the story here? What are people afraid of? Not air pollution. [Woodstove 'ban' sparks row across Argyll and Islands - Oban Times](#) There is no ban on wood burning stoves in new-build properties, the Scottish Government has said after "confusing" new rules stoked fears in. Sourcing doesn't matter. 13)United Kingdom. Unnecessary and polluting Wood Burning PM2.5 at, of all places, an electric car dealership. Can the car dealer claim fuel poverty? [Dealership introduces EV chargers as part of eco drive - Express & Star](#) In addition, the site boasts a 100 per cent renewable wood pellet burning system. The biomass renewable energy system heats the entire site and. 14)United Kingdom. Calls to ban wood-burning stoves in UK by 2027. [Calls to ban wood-burning stoves in UK by 2027 - MSN](#) New wood-burning stoves have had to meet emissions targets since 2022, meaning they burn cleaner and are labelled Ecodesign. The fuel used in these. 15)Uzbekistan. Expert attributes air pollution in Uzbekistan to anthropogenic factors. [Expert attributes air pollution in Uzbekistan to anthropogenic factors - Daryo.uz](#) "The biggest problem with PM 2.5 is the fine particles, which lead to heart problems rather than breathing problems. This is the most powerful effect. 16)India. Alphabetical by Article Title. [On Earth Day, PM Modi Reaffirmed India's Commitment To Environment Protection](#) Banega Swasth India - NDTV .Various research

suggests, they contribute 20-30 per cent of PM 2.5 at breathing level, and 8 per cent of total greenhouse gas emissions in India come. [On earth day, PM Modi reaffirmed India's commitment to environment protection](#) Times of India. Various research suggests, they contribute 20-30% of PM 2.5 at breathing level, and 8% of total greenhouse gas emissions in India come from the [Ai Tech Can Help Combat Air Pollution On Earth: Experts | Lucknow News - Times of India](#) PM 2.5 filter, Viraat mode, and HD filter for a comfortable and eco-friendly cooling experience. Kolkatas planet lovers push for a zero plastic. 17)Laos. [Lao health ministry warns of dangerous air pollution - Xinhua](#) The concentration of fine dust, known as PM 2.5, which is particulate matter with a diameter of less than 2.5 micrometers, surpasses the safety. 18)PM2.5 and colorectal cancer. [Study links air pollution to increased colorectal cancer risk through DNA changes](#) News-Medical. The association between air pollutants, including PM2.5, and and CRC incidence and survival were assessed. 19)PM2.5 and Covid 19. [Odds for COVID-19 increase with long-term air pollution exposure - Healio](#) Key takeaways: As 5-year exposure levels to nitrogen dioxide and PM2.5 increased, so did the likelihood for COVID-19. 20)PM2.5 and Earth Day. [Reflections On Earth Day - Countercurrents](#) pm 2.5 that is like little minuscule fish hooks nicking our lungs and doing the same to tube walls and blood cells in our circulatory systems. PM2.5 and Earth Day. [World Earth Day:there is no Plan - B or Planet - B - dtnext](#) PM 2.5 levels ranging from 69.6 to 149.2 micrograms/cubic metre. The areas showed high levels of coal ash. 21)PM2.5 and invisible killer. [The Invisible Killer Lurking in the Air of Our Cities - Impakter](#) One of the tiniest troublemakers in the air are tiny particles known as "fine particulate matter" (PM2.5). These particles — which are tinier than. 22)PM2.5 and males. [Inter- and trans-generational impacts of real-world PM 2.5 exposure on male-specific](#) Nature. Here, we aim to examine the effect of paternal exposure to real-world PM2.5 on the reproductive health of male offspring. We have observed that. 23)PM2.5 and public health. [Air pollution: A public health problem - OnlineKhabar English News](#) The size of PM 2.5 is just three per cent the diameter of a human hair and it is more dangerous to human health in contrast to PM 10. The combustion. 24)PM2.5 and two stage air pollution. [How does the impact of a two-stage air pollution control policy on air quality different](#) ScienceDirect.com Since then, air pollution represented by fine particulate matter (PM2.5), has gradually become a hot. 25) Episode 56TGa. April 23, 2024. RAWSEP's 3 minute Comment to NEJAC at the Public Hearing. To the United State's National Environmental Justice Advisory Council (NEJAC) of the Environmental Protection Agency (EPA) on 4/23/2024. My name is Linda Karr, from Madison, Wisconsin. I am a member of Residents Against Wood Smoke Emission Particulates (RAWSEP), a 501c3 nonprofit organization. RAWSEP's aims in 2024 are to 1)Hand out PurpleAir PM2.5 monitors to any near neighbor of an indoor residential wood burner whose wood smoke infiltrates the yard of the near neighbor & sickens them. 2)Pass laws (local ordinances, state laws or federal laws) to use the data downloaded from the PurpleAir Map for their monitor as evidence to shut down each polluting indoor residential wood burning appliance. The threshold of pollution could be the Environmental Protection Agency National Ambient Air Quality standards (EPA NAAQS) of "safe" limits of PM2.5, which in 2024 are 9 micrograms per cubic meter annually & 35 micrograms per cubic meter in a 24 hour period orThe World Health Organization (W H O) standard is 5 micrograms per cubic meter annually. 3)RAWSEP is writing a grant to hand out subsidies to any indoor residential wood burner who turns in all his or her wood burning appliances at the residence in return for a Heat Pump that works down to 40 degrees below zero. Wood smoke is 90% PM2.5, particulate matter of 2.5 micrometer size, the perfect size to infiltrate the human lung, setting off a cascade of human health problems & early deaths. Wood burning emits 2.8 times the CO2 & PM2.5 as the fossil fuel coal burning emits. Wood burning emits 450 times the PM2.5 as the fossil fuel natural gas burning emits. Recently, countries around the world have replaced coal burning power plants with wood burning (renamed biomass) plants, in order to meet their climate goals of reducing CO2 emissions on paper. This is false accounting of reduction of emissions, since, to meet Climate Goals, wood burning emissions are not counted at all. Countries worldwide are meeting their Climate Goals by not counting wood burning emissions, so in reality these countries are emitting more CO2 & PM2.5 than they had with coal burning, but their false accounting on paper shows reductions & shows them closer to meeting their Climate Goals. In reality, they are farther from slowing climate change by burning wood (renamed biomass). Carbon Neutrality of Wood Burning has been denounced by hundreds of scientists in letters to the United States Congress & the European Parliament since 2019, asking them to count wood burning emissions in their Climate Goals. PM2.5 is not absorbed by trees. When you exercise outdoors, in the presence of wood smoke, the healthy effects of exercise are negated because exercise drives PM2.5 deeper & faster into your lungs. Wood smoke causes nearby solar panels to work only at 50% efficiency, so near neighbors of indoor residential wood burners suffer ill health effects & live in sealed homes, & buy air purifiers, personal protective equipment at their own cost, & also cannot exercise outdoors safely nor set up solar

panels & expect them to work efficiently in a wood smoke environment. There need to be more PM2.5 monitors & more hyper localized PM2.5 monitors for this reason. See RAWSEP YouTube Videos <https://www.youtube.com/@rawsepresidents4370/videos> and RAWSEP Spotify podcasts <https://open.spotify.com/show/32hfC477jEeeDbQoTsu82l> email rawsepresidents@gmail.com website <https://rawsepresidents.com/> A September 2024 Heat Pump rebate is offered by all or most United Staes and through Wisconsin Focus on Energy (for up to \$8,000 based on a sliding income scale). The RAWSEP subsidy wold be in addition to the Focus on Energy Heat Pump rebate for the State of Wisconsin.



Scotland's Nicola Sturgeon in 2021