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1A United States Switching from gas to electric stoves cuts indoor air pollution ScienceDaily No significant changes were seen with CO and PM2.5 During focus group discussions participants using the new stoves unanimously reported being

1B United States RAWSEP View Is this article for or against wood smoke pollution? In the last fifth of the article the writer begins to face the reality of the PM2.5 pollution from wood burning From the article Why The Future Of Wood Burning Stoves In Homes Is Uncertain MSN There is certainly something nostalgic earthy and fascinating about using a wood-burning stove in your home The sound of the crackling wood Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. Are wood-burning stoves a problem? According to the American Lung Association, they are a significant contributing factor to particle pollution in the air.

2 Arizona The Arizona Department of Environmental Quality has issued an Ozone High Pollution Arizona Emergency Information Network az gov Wood burning in residential fireplaces chimeneas outdoor fire pits and similar outdoor fires is prohibited in Maricopa County This includes

3 Michigan Wildfire smoke returns to West Michigan WOODTV com Wildfire smoke will be visible in West Michigan skies through at least Wednesday The source of the smoke is wildfires blazing in Canada

4 New York Wildfire smoke arrives in Rochester Wildfire map and air quality in your area AOL com According to Yale Medicine the PM2.5 particles are so small they can Wildfires in Canada s Alberta British Columbia prompt evacuation orders

5A Oregon Air quality alert for much of southern Oregon KQEN News Radio smoke from the Diamond Complex Fire Wildfire smoke combined Avoid using wood-burning stoves and other sources of indoor smoke if possible

5B Oregon Wood River and Knot Fires in Klamath County spark evacuations smolder underground Herald and News burn The Knot Fire was first reported Sunday afternoon burning roughly 50 acres of Oregon Department of Forestry lands just 3 miles north of

5C Oregon Jefferson County increases fire danger from high to very high Peninsula Daily News Fire Marshal Phil Cecere escalated the county fire The only burning devices allowed are propane fire barbecues and wood pellet fire smokers

6A Canada Alberta Wood Buffalo Wildfires close Highways 63 and 881 in both directions | Fort McMurray Today There are three major clusters of wildfires burning across Fort McMurray Wood Buffalo Smoke from a wildfire southwest of Fort McMurray

6B Canada Saskatchewan Saskatoon Staying safe staying healthy when wildfire smoke descends | Country 600 CJWW wood burning fireplace close the dampers If you have an air conditioner keep the fresh air intake closed You can also buy an air cleaner for

6C Canada Pollution watchdogs late this year again Environmentalists Yahoo News Canada The SAFAR recorded AQI of 218 under PM 10 and 103 under PM2.5 today Tomorrow s forecast predicts a similar range of AQI varying between moderate

7A United Kingdom Log burners do they save money on central heating? Sheffield Star smoke due to the rising popularity of solid fuel appliances Wood burning is a major source of fine particulate matter and domestic wood burning The Environment Act 2021 gave local authorities more power to issue fines for excessive smoke emissions from wood burners and other solid fuel Log burners do they save money on central heating? WarwickshireWorld pollutants inefficient burning can lead to higher emissions Wood burning is a major source of fine particulate matter and domestic wood burning

7B United Kingdom RAWSEP View: A wood burning stove ban is a common sense very reasonable and humane regulation of air pollution and a ban can serve as an education for those who are out of touch with reality about the adverse health effects of wood burning on near neighbors For those who are indigent wood burners there are government subsidies of completely clean energy source of Heat Pumps that work down to 40 degrees below zero From the article Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. Poll of the Day Do you think a wood burning stove ban is climate-change madness? Great Britain GB News Vote Now Council slaps household with £175 fine for using wood burning stove which emits unreasonable The measures allow environmental health officers to issue fixed penalty notices to penalize emissions Current rules restrict the type of wood burners

7C United Kingdom Scotland Ban on gas boilers and wood-burning stoves sparks heated debate YouTube burning issue Changes in legislation at the start of April mean oil and gas boilers are now banned in new-build homes as are wood burning stoves as a sole source Ban on gas boilers and wood-burning stoves sparks heated debate STV News

8A India Delhi Air you're breathing is 3rd worst in country Times of India Faridabad recorded 103 micrograms per cubic meter on average in that period PM2.5 in city According to the analysis 140 cities were featured in

8B India Why Meghalaya's Bynihat is most polluted city in country Explained News9live PM2.5 levels alarmingly high According to the data the average PM2.5 levels in Delhi's air is 102 micrograms per cubic meter The most polluted

8C India Air quality improvements in India partially due to weather University of Reading We found about 30% of the reduction in PM2.5 pollution can be attributed to meteorology This is concerning because these favorable weather patterns

8D India Delhi country's third most polluted city in first half of 2024 CREA data Hindustan Times PM2.5 standards of 40µg/m³ and all 256 cities exceeded the World Health Organization WHO PM2.5 annual standards of 5micrograms per cubic meter

9A PM2.5 and COPD Don't Believe These 7 Common Myths About COPD Everyday Health smoke exposure from coal or wood burning stoves secondhand smoke a history of asthma and underdeveloped lungs according to the American Lung

9B India Delhi Third Most Polluted City In India In First Half of 2024 Says Report Times Now PM2.5 levels averaging 102 micrograms per cubic meter Among 256 cities analyzed 163 exceeded the annual PM2.5 standard and all surpassed WHO's PM2.5 annual

10 Climate Forward Newsletter July 23 2024 Can Harris finish Biden's climate agenda? **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization.** Harris has for years made the environment a top concern and earlier in her career took positions far to the left of Biden on climate change She prosecuted polluters during her time as California's attorney general was an original co-sponsor of the Green New Deal as a senator and cast the tiebreaker that led to the passage in 2022 of the Inflation Reduction Act the largest climate investment in U.S. history This is partly why Harris is widely expected to continue the work Biden started if she is elected Harris's climate adviser told Friedman that the vice president would focus on implementation of the I.R.A. if elected That may sound underwhelming but experts told me it's actually a pretty big challenge and key to hitting the U.S. climate goals Ensuring that the hundreds of billions of dollars for clean energy in the I.R.A. and the bipartisan infrastructure law signed in 2021 actually translate into lower emissions is easier said than done wind and solar developers hoping to take advantage of the law's lucrative tax credits are still facing enormous logistical obstacles such as difficulties in obtaining permits and connecting to the grid The next administration will need to figure out how to help ease those bottlenecks if implementation goes really well the U.S. would get emissions down to 40 to 45 percent by 2030 If implementation does not go well emissions would go down a little over 30 percent compared with 2005 levels The federal government is also still sitting on tens of billions of dollars of grants and loans for the development of hydrogen nuclear power and other projects For instance the Department of Energy has yet to give out roughly \$9 billion for retrofitting homes and almost \$200 billion in loan authority for advanced clean energy projects At the same time the Department of Energy and other federal agencies have been trying to speed up the build-out of transmission lines and issue permits for offshore wind projects but those efforts are still ongoing More regulation You may have noticed that none of the above get the U.S. all the way to fulfilling its 2030 goals let alone its aims to reach net zero emissions by 2050 That big gap is explained in part by sectors that are harder to transform such as industrial plants buildings and agriculture Experts say that it's very likely that the industrial sector will be the largest source of pollution in the country by 2035 All regulations issued by the

Environmental Protection Agency including planned ones are more legally vulnerable after the Supreme Court limited the authority of all federal agencies in a major ruling last month There is the possibility of a second climate investment bill that would issue grants loans and tax credits for the industrial sector to use greener technologies Someone who oversees the Sierra Club's lobbying efforts said an ambitious administration could end billions in fossil fuel subsidies But no president could enact all of that alone Most of those ideas would require approval by Congress A helicopter flies over a burning forest Canada Evacuates Jasper National Park as Wildfires Burn in Alberta Large blazes in the province have led to the evacuation of thousands People standing and sitting under a misting tent on a city sidewalk The Oregonian via Associated Press The Northwest Bakes Again but Relief May Be Coming for Some Areas After a blistering weekend particularly in inland areas farther from the coast cooler temperatures are expected beginning early this week July 21 was the warmest day on record according to the European Union's Copernicus Climate Change Service Daily global average temperatures hit 62 Fahrenheit or 17 Celsius slightly exceeding a record set last July The U.S. added roughly 700 new public fast-charging stations for electric cars in the second quarter according to Bloomberg bringing the total to nearly 9,000 The Washington Post explains what we know about Republican plans to privatize federal weather data services Ethiopia became the first country in the world to ban the import of gas and diesel cars But the country only has around 50 E.V. charging stations Rest of World reports

11 United Kingdom Global Action Plan Newsletter RAWSEP View UK newly elected government and pollution abatement The King's speech Why does it matter for people and planet? Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. July 27 2024 we have just elected a new government and it is attempting to hit the ground with the engine already fully revved up Keir Starmer the new Prime Minister promised to take the brakes off Britain with more than 35 new laws Unfortunate vehicle-related metaphors aside whatever you do; wherever you live; whoever you work for something on today's list will affect you And there is quite a lot for those of us that are here for the health of people and planet That sounds like bad news We hate to disappoint but there's some good news Though some of the items on the list could be much more ambitious and there are some big things missing Go on then talk me through your list What do you want? After years of delay more than anything we want this government to move forward really fast on the climate and nature emergencies Because we run Clean Air Day and work with hundreds of councils and doctors and charities across the country to raise awareness of how pollution harms our health we want this to include action to cut air pollution dramatically most of which is caused by burning fossil fuels We also want to see a radical change in the school curriculum in England so that young people are ready for planet-saving action we call this Generation Action On climate the new government is aiming for 100% clean power by 2030 which is very welcome as we need to power our homes and transport in the future using electricity Gas is on borrowed time plus Putin wants us to keep using it so we need lots of new renewables fast The plan announced by the King to set up a new public company called GB Energy to own and invest in clean power generation which will be based in Scotland is really welcome though we need to see the detail On education not only are we expecting a review of the English curriculum which is welcome though needs to be radical and not just tinkering but the King announced a new Children's Wellbeing Bill to help with young people's mental health this must address the effects of social media as well as empowering kids to have agency on issues of high anxiety like climate change There's also a move towards preventative health including really welcome new laws banning junk food advertising smoking and vaping and energy drinks for young people We cannot help but think that if you're banning junk food advertising you should also just ban all the online ads that are pushed at children when they're on social media On Clean Air I'm afraid the news is not so good Before the election Labour promised a Clean Air Act to accelerate progress towards the limits recommended by the World Health Organization But this was not in their manifesto and it was not in the King's speech This means we need to step up our efforts to campaign for clean air Some of the items in the speech will help plans to allow councils to take bus services back under local public control and the re-nationalization of rail should mean better more frequent and hopefully cheaper public transport The King also announced new devolution and planning laws and these might create opportunities to get wood burning phased out in urban areas and to give local authorities new powers and resources to cut air pollution faster We would want to see measures on preventative health include clean air and more

access to green space for everyone but there is not legislation as such in this area so we will need to press for policy changes On the face of it you would not think workers' rights has anything to do with people and planet but at Global Action Plan we are strong believers that everyone in the economy should be treated with fairness and compassion we think this links to people treating the planet better so it's welcome

12 United States New Federal Grants Could Slash U S Climate Emissions by Nearly 1 Billion Metric Tons Through 2050 Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents

Against Wood Smoke Emission Particulates, a 501c3 nonprofit organization. Recipients in 30 states will share from a pot of \$4.3 billion to tackle clean energy and emissions reduction projects July 22

2024 The Biden administration on Monday announced that it is awarding \$4.3 billion in federal grants to projects in 30 states aimed at boosting clean energy development and other efforts to reduce the nation's greenhouse gas emissions. The grants are among the largest cash subsidies under the Inflation Reduction Act, the 2022 law that dedicated nearly \$400 billion toward climate action and the clean energy transition. The timing of the grants ensures that this part of President Joe Biden's environmental legacy will remain intact even if Democrats fail to retain control of the White House or Senate after November's election. The grants will fund 25 projects, including efforts to electrify farming equipment in Minnesota, expand public transit in Texas and deploy new electric vehicle charging stations along the Interstate-95 corridor in New Jersey, Connecticut, Delaware and Maryland. The EPA estimates that the projects will reduce the nation's climate pollution by nearly 1 billion metric tons through 2050. Projects Vary State to State. City to City. EPA Administrator Michael Regan said the 25 grant recipients represented the cream of the crop, from more than 300 applicants who proposed programs that would not only reduce greenhouse gas emissions but would create jobs and otherwise benefit their communities economically. Pennsylvania, a key battleground state for Democrats in November, received among the highest amounts from the grants. The state will get more than \$396 million to reduce greenhouse gas emissions in manufacturing, electrify and improve energy efficiency in buildings, reduce landfill waste, develop carbon capture technologies and build out more battery storage. Minnesota, too, will receive funding to improve building energy efficiency and accelerate the electrification of various industries and sectors. The state also plans to use the nearly \$200 million it was awarded to restore and protect important carbon sinks using new climate-smart agriculture technologies and restoring degraded peatlands. Similarly, Connecticut, Maine, Massachusetts and Rhode Island will use their combined \$450 million to install energy efficient heat pumps in buildings. Other states, such as Illinois and Michigan, will use their funding predominantly to build new wind and solar farms and install more battery storage. Illinois received more than \$430 million and Michigan received nearly \$130 million for those efforts. North Carolina will oversee a \$420 million grant awarded to a coalition of conservation groups, including the Nature Conservancy, to preserve, enhance or restore more than 200,000 acres of the state's coast, forests and farmland, as well as other conservation efforts in South Carolina, Virginia and Maryland. It was not only states that received grant money. Much of the funding went to county and city governments, as well as community organizations and nonprofits. A regional agency representing several southern California counties received nearly \$500 million, making it the largest recipient of Monday's announced grants. That agency plans to use its funding to help electrify business fleets in the state and reduce pollution in disadvantaged communities. Two Ohio cities, Cleveland and Painesville, plan to use their nearly \$130 million to retire a century-old coal plant and install new solar power and battery storage systems. And in Texas, the city of Austin will use its \$48 million grant to improve public transit, especially in low-income and disadvantaged communities, in an effort to reduce reliance on driving. Austin claims the second-highest per capita greenhouse gas emissions of any major U.S. city, with more than half related to transportation. Funding Will Help Protect Biden's Climate Legacy. The grants were announced amid a tumultuous month in Washington. In a surprise Sunday announcement, Biden said he would no longer run for re-election and endorsed Vice President Kamala Harris to be the Democratic nominee. By announcing the grants now, the Biden administration is at least partially insulating them from being reversed should former President Donald Trump win in November, since the money will already be in the hands of local and state governments. Trump has pledged to undo much of the Biden administration's climate program if he is re-elected.