

Episode 57AN November 21|2024. COP29 US announcements on clean air solutions. Drax protest recap.

Episode 57AN 1 World 2 United States 3 California 4 Colorado 5 Nevada 6 North Carolina 7 Wyoming 8 Australia 9E United Kingdom. Protest at Drax wood burning plant. 10 Bangladesh 11 China 12 India 13 South Asia. Main Content. 1A World and United States. At COP29 The Biden Harris Administration Highlights Actions to Cut US Government Emissions that lead on Federal Sustainability. Baku Azerbaijan **RAWSEP View**. At COP29 the Biden Administration announced that large scale rather than regional planning on electrification achieves results more efficiently and saves taxpayers money. Key excerpt from the article below. As the single largest purchaser in the world President Biden has shown how the federal government can lead by example to reduce harmful emissions and catalyze climate action across our thousands of suppliers said the Chair of the White House Council on Environmental Quality CEQ. These partnerships will continue to cut pollution save taxpayer money and boost the resilience of vulnerable supply chains for decades to come. **RAWSEP View**. Utility companies are spending more on the construction and maintenance of local transmission lines and less on building large interstate transmission lines. In the future this should be done more efficiently and with less cost to taxpayers by making large scale rather than regional plans. **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization.** November 21 2024. Today at the 2024 U.N. Climate Change Conference in Baku Azerbaijan also known as COP29 the Biden Harris Administration announced that the Federal Government is on a pathway to reduce the US government's Scope 3 supply chain emissions by 30% by 2030. A new federal supplier climate scorecard that shows which of the top 200 federal suppliers are demonstrating leadership by disclosing emissions setting science based targets assessing climate risk and publishing a climate transition plan. Forty of federal government's largest suppliers or 20% of those tracked on the scorecard have taken all four of these actions bills are poised to increase even more because of other reasons such as the growth of electricity demand from data centers. When bills go up utilities can place some of the blame on data centers but part of the problem is that this new demand is being placed on a system that is inefficient and has too little oversight. 1B World and United States. At the COP29 US Center event the Council on Environmental Quality CEQ Chair announced the launch of a first of its kind alliance to reduce Scope 3 emissions from governments worldwide. By joining the Government Scope 3 Alliance the governments of Canada the United States and the states of California Colorado Massachusetts and Washington have committed to set a Scope 3 emissions reduction target for their government operations and report on their progress. **RAWSEP View**. What are scope 3 emissions? All other indirect emissions. Scope 3: All other indirect emissions resulting from activities not directly controlled by the organization but occurring in its value chain. These include emissions from suppliers transportation employee commuting and product disposal. This Biden Administration announcement was about achievement of zero emissions in many government vehicles and buildings. **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization.** November 21 2024. Reducing federal Scope 3 emissions by 30% will cut the equivalent of 40 million metric tons of CO2 emissions MTCO2e annually the equivalent of taking nearly 10 million gas powered cars off the road for a year. At over 135 million MTCO2e the Federal Government's Scope 3 emissions are more than twice as large as the emissions from operating the 300000 buildings and 600000 vehicles combined. The Scope 3 Data Dashboard details emissions by each federal agency category and



Youtube QR



Spotify QR



Website QR



**Don't let air pollution make itself at home.**

**Communities Against Woodsmoke**  
16h · 🌐

Yesterday was #WorldCOPDDay.

Another terrible illness with strong links to pollution from wood burning stoves. Find out how in the link below

<https://iptmedical.com/.../the-dangers-of-wood-burning...>

#StopBurningStuff #AirPollutionKills

industry for example professional services transportation equipment manufacturing. The Administration has also launched a webpage featuring Federal tools resources and information on Inflation Reduction Act incentives. In 2021 President Biden issued Executive Order 14057 on Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability and an accompanying Federal Sustainability Plan which directed the Federal Government to lead by example by achieving net zero emissions by 2050 including a 65 percent emissions reduction by 2030. At the start of the Biden Harris Administration the federal vehicle fleet included fewer than 2000 Zero Emission Vehicles ZEVs and the federal buildings portfolio had few net zero emissions buildings. Since then the federal government has Ordered nearly 82000 zero emission vehicles and installed more than 10500 charging ports with an additional 52535 charging ports in progress. Signed agreements with utilities to provide all federal facilities in 19 US states with 100% carbon pollution free energy CFE by 2030 and put more than 2000 federal buildings on the path to achieve net zero emissions by 2030 using funding from the Inflation Reduction Act which is the largest climate investment in history. 2 United States. Automakers to Trump Please Require Us to Sell Electric Vehicles. Donald J. Trump promised to erase Biden tailpipe rules that are designed to get carmakers to produce E.V.s. But Detroit wants to keep them. A sign saying President Joe Biden Accelerating America is seen. Behind it a person posing for a photo next to an S.U.V. is seen on a stage with a large American flag backdrop. Hybrid and electric vehicles were on display at an E.P.A. event in March to unveil new vehicle emissions rules in Washington DC Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization. Nov. 21 2024. Three of the nation's largest automakers Ford General Motors and Stellantis are strategizing with other car manufacturers on how to make a delicate request of President elect Donald J. Trump Don't scrap the federal regulations that compel the industry to sell electric vehicles. The conversation would require diplomatic finesse. Mr. Trump has railed against the E.V. rules which strictly limit the amount of tailpipe pollution while also ramping up fuel economy standards. They are designed to get carmakers to produce more E.V.s and have been a cornerstone of President Biden's fight against climate change. Mr. Trump sees them differently. He has falsely said the rules amount to a Democratic mandate that would prevent Americans from buying the gasoline powered cars of their choice a concern of his campaign donors from the oil industry. And Mr. Trump still holds grievances against some of the automakers whom he views as having betrayed him because during his first term they supported Obama era auto emissions rules. In fact most automakers don't love the more stringent rules Mr. Biden put in place. But they have already invested billions in a transition to electric vehicles and fear that if Mr. Trump made an abrupt change as he has promised they could be undercut by automakers who sell cheaper gas powered cars. They argue it would harm an industry that is a backbone of American manufacturing and employs 1.1 million people. It is possible that the efforts by the carmakers could yield results said a Republican strategist and chief executive of the EV Policy Project an effort to end the partisan divide over electric vehicles. If the message is 'mend it don't end it' that might get through the Republican strategist said of the E.V. rules. Trump world is a weird mix of grievance instinct and transactional outlook. Despite what he says on the campaign trail everything Trump says is written in pencil. 3A California. California Governor Gavin Newsom to Visit California's Trump Country 'Message Received'. Governor Gavin Newsom acknowledged that residents were frustrated by economic problems and said that Democrats needed to address their concerns. The New York Times. Governor Gavin Newsom wearing a blue suit and blue tie gestures with both hands at a podium that has a sign that reads Safer Streets For All. Governor



Youtube QR



Spotify QR



Website QR



London Wood Burning Project  
13h · 🌐

The Royal College of Paediatrics and Child Health is calling for the phasing out of domestic wood burning in urban areas in the UK. <https://www.rcpch.ac.uk/.../air-pollution-uk-position...>

Gavin Newsom is visiting regions that Donald J. Trump won in this month's presidential election. **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization.** November 21 2024. On Thursday Governor Gavin Newsom will make the first of three post election visits to California counties that Donald J. Trump won in the presidential race reaching out to working class voters in the Central Valley who remain frustrated by economic woes. The appearance in Fresno to unveil a new economic development system comes as interviews and polls have shown that economic and class divisions were key to Mr. Trump's return to power. With Democrats still mulling over their presidential and congressional losses Mr. Newsom said in an interview on Wednesday that his party needed to learn from the recent election and to address the struggles of American workers. A lot of people feel like they're losing their identity or losing their future Mr. Newsom said. Message received. A leading Democrat who has been viewed as a potential 2028 presidential contender California's governor has long been a pointed critic of Mr. Trump. Over the past two and a half weeks he has indicated that he expects his state and the Trump administration to repeat the pitched battle they waged during Mr. Trump's first term when California sued the federal government more than 120 times. 3B California Modesto. Oakdale Riverbank Fire Calls. November 20 2024. Riverbank News. fire. Engine 28 arrived on scene and confirmed that the fire stayed within the wood burning stove and there was negative extension. The responding. Oakdale Riverbank Fire Calls 11 20 24. Oakdale Leader. smoke coming from the roof of a house. 4 Colorado. Prescribed burns scheduled for this winter on Boulder County open space lands. Boulder County. Smoke from prescribed fires may affect health. The Colorado Department of Public Health & Environment Wood Smoke and Health webpage and the. 5 Nevada Washoe County. Northern Nevada Public Health Seeks Comment on Exceptional Events Demonstration. Washoe Life Washoe County. PM2.5 data from regulatory consideration. PM2.5 is defined as particulate matter that is sized 2.5 microns in diameter or less. 6A North Carolina. Public Invited to Comment on DAQ Exceptional Events Demonstration Analyzing 2023. NC DEQ. NC.gov Fine particulate matter or PM2.5 is any extremely small particle emitted by manmade cars industry fires or natural wildfire smoke dust. Public Comment Period Pre hearing Draft of the Exceptional Events Demonstration to. NC DEQ. NC.gov DAQ reviewed the monitoring data and determined that Canadian wildfire smoke laden air masses significantly increased PM2.5 concentrations measured by. 6B North Carolina Town of Liberty. The Clean Energy Boom in Republican Districts. **RAWSEP View.** An electric vehicle battery manufacturing in North Carolina in a Republican district is aided by the Biden Administration Inflation Reduction Act IRA. **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization.** November 21 2024. Randolph County a rural square of green woods and farm fields in the middle of North Carolina is the unlikely home of one of the biggest electric vehicle battery projects in the world. Over the past two years Toyota has announced a series of expansions that could invest more than \$12 billion in the area where it owns a manufacturing plant. It's part of the biggest announced investment a total of \$17.6 billion that any congressional district has received since the passage of the Inflation Reduction Act in 2022 according to E2 a nonprofit group that collects data on clean energy projects tied to the IRA bill. Over the last two years Biden's landmark climate bill has ushered in more than \$120 billion in announced investment across the country per E2 supercharging spending in a burgeoning clean energy industry think batteries electric vehicles and solar largely through tax credits. In Randolph most of that money has pooled into the tiny 2650 person town of Liberty. Once dominated by the textile industry



Youtube QR



Spotify QR



Website QR

**“** Polluted air is an invisible killer, infiltrating every breath we take and quietly wreaking havoc on our health. From triggering asthma attacks in children to fuelling heart disease, lung cancer, and cognitive decline, the impact of emissions transcends generations, leaving vulnerable communities to bear the brunt. 8.1 million premature deaths are attributable to air pollution.

**says Dr. Arvind Kumar**  
Chest Surgeon & Founder, Lung Care Foundation and Doctors for Clean Air & Climate Action, India

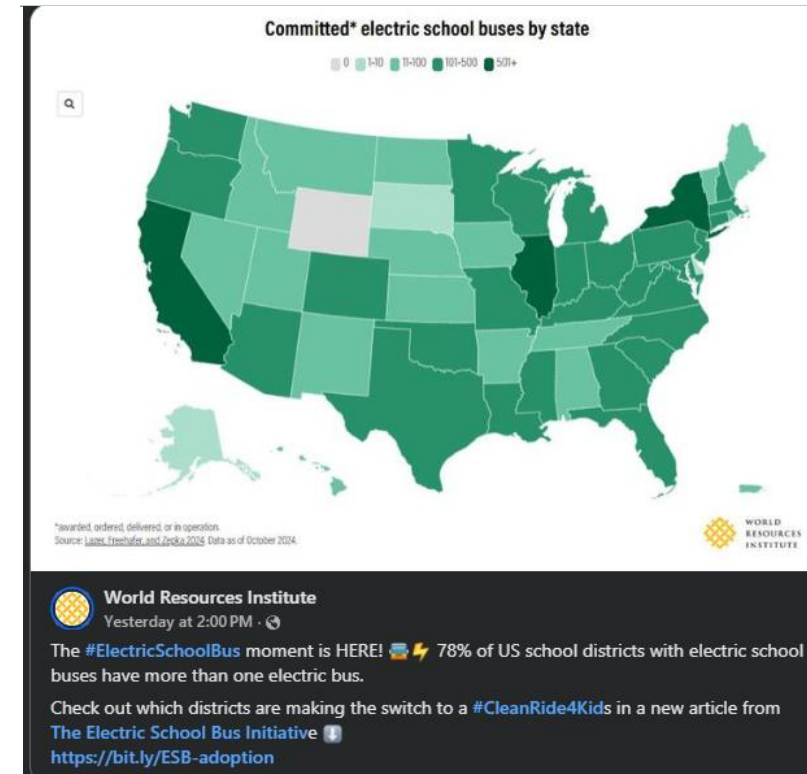
Liberty had seen minimal industry until Toyota came to town in 2021. Liberty is now sandwiched between the Toyota plant and a \$5 billion semiconductor manufacturer in a neighboring county. President elect Donald Trump has promised to repeal the IRA and despite the more than 330000 jobs that could result from the law swing states that got billions from the plan like North Carolina still moved toward the G.O.P. in 2024. In Randolph County 78 percent of voters cast their ballot for Donald Trump. The area's congressional district is led by a Representative a Republican who won his re election bid in November after closely aligning himself with the MAGA movement. 6C North Carolina has not heard much about the Inflation Reduction Act which is expected to pour as much as \$1.2 trillion into the US economy over the next decade. **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization.** A Democrat who is the executive director of Evergreen Action a climate nonprofit said we didn't lose the election because of the IRA but we also didn't win because of it and we should have explained the IRA to voters. But rolling back IRA clean energy investments could be a challenge for red states. About 85 percent of the announced investments from the bill have come in Republican districts according to E2 data from August. If it gets rolled back or reduced it's not liberals that'll be hurt but working people in rural places. More than half of 900 clean energy companies surveyed by E2 in October said they would lose business or revenue if the IRA was repealed. Businesses in rural America would suffer the most according to the survey. The politics of the IRA In 2022 the Republican Representative voted against the IRA. In an emailed statement on Wednesday Republican Representative called the law a highly partisan scam that cost too much. The Republican Representative did not respond to questions about whether he would support a repeal of the law. In Liberty residents are pretty vocal about politics as Trump supporters. But the consensus in Liberty about the Toyota plant is positive. People's kids have a reason to stay in town and have jobs locally that could benefit them instead of leaving for better jobs. Randolph County is planning for upgrades to its water and sewer system to support the growth brought by Toyota but those could be threatened by an IRA repeal. All these future plans we've worked on for two or three years could just kind of come to a halt Kidd. A spokeswoman for Toyota North America said its investments are not dependent on politics but respond to market needs and are for long term benefit. Smaller IRA related projects especially those dependent on grants or loans could face more risk than tax incentives which require changing the law itself said an environmental studies professor at Wellesley College. In August 2024 18 House Republicans sent a letter to Speaker Mike Johnson that called a full repeal of the law. A worst case scenario. If a handful of Republicans are unwilling to play ball that could make it hard to undo the IRA In Liberty the first Toyota plant already employs 1000 people. The majority of employees are from North Carolina. Under subsequent expansions the work force could eventually grow to more than 3000. The factory is expected to start producing and supplying electric vehicle batteries early next year. 7 Wyoming. Living with wildfire smoke News buffalobulletin.com Particulate matter or PM 2.5 is air pollution with particles measuring just 2.5 micrometers or less in diameter. Exposure to excessive PM 2.5, 8 Australia. New South Wales. Act Now Why NSW Must Change Laws to Support Cultural Burning Wood Central. Andrew Hurford Chair of the North East NSW Forestry Hub on the importance of traditional owner led fire management in Australia's native forests. 9A United Kingdom Derby. Heanor house fire Firefighters tackle blaze sending plumes of smoke into sky. Derby Telegraph. New rules for wood burning stoves in the UK that could leave you with a fine or criminal record - Environment - There are a number of regulations that. 9B United Kingdom Derby. Skegness man recalled to prison after stealing more than £350 worth of alcohol. Derby



Youtube QR

Spotify QR

Website QR



Telegraph. New rules for wood burning stoves in the UK that could leave you with a Heanor house fire  
Firefighters tackle blaze sending plumes of smoke into. 9C United Kingdom Reading. Reading becomes a  
borough wide Smoke Control Area from 1 December. Reading Borough Council News. Burning wood and  
coal releases tiny harmful particles into the air which can be breathed in and affect every organ in the  
body increasing the odds. 9D United Kingdom. WEB PhD Studentship Investigating and mitigating the  
environmental impacts and health effects. Jobs.ac.uk woodburning during winter but also households  
who regards wood burner as a middle class purchase. This project aims to understand wood burning. 9E  
United Kingdom. Should forests be fuel? New Internationalist Magazine. RAWSEP View. United Kingdom.  
Protest at Drax wood burning plant. Many governments count wood burning as essentially zero carbon as  
each tree absorbs the same amount of CO2 over its lifetime as it emits when burnt. Should forests be  
fuel? RAWSEP key excerpts. Activists accuse the police of acting not in the public interest but as private  
security for Drax power station shutting down the camp to reduce the risk of reputation damage to the  
company. Setting up camp in a field near Drax power station. Climate campaigners have targeted Drax for  
many years but one thing has changed since 2021 it no longer burns coal. Instead it's now the world's  
largest wood-burning power station Despite being the UK's largest single carbon emitter pumping out 12  
million tons of carbon dioxide equivalent CO2e annually Drax receives over \$700 million in public  
subsidies per year. Many governments count wood-burning as essentially zero-carbon as each tree  
absorbs the same amount of CO2 over its lifetime as it emits when burnt. However this ignores the fact  
that burning trees puts CO2 into the atmosphere today that will take decades at best to be reabsorbed by  
the trees that replace them. This carbon accounting loophole has resulted in huge public subsidies for  
power stations that in many cases have a bigger short-term climate impact than fossil fuels. Excerpts  
edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission  
Particulates a 501c3 nonprofit organization. November 21 2024. The pre-emptive arrest of 25 climate  
campaigners in the UK highlights a dirty secret. It's 3.00am on Thursday 8 August 2024. A small group of  
vans are driving quietly through the dark countryside of northern England. Then suddenly police cars  
surround the vehicles. A search of the vans reveals camping equipment. All is confiscated and the  
occupants of the vans arrested. This was the first police action in a day of vehicle stops and house raids  
that saw around 25 people arrested on conspiracy charges. The 'crime' they were planning?. The planned  
protest camp organized by action network Reclaim The Power had hoped to highlight the growing  
concerns about this practice and call for government action. The police made their arrests under  
controversial new anti-protest powers introduced by the previous Conservative government claiming that  
the activists were on their way to 'interfere with key national infrastructure'. But while a day of action at  
the power station itself had been announced for the following Monday the camp to which the vans were  
heading had been advertised as a short-term family-friendly event in a local field. To make things worse  
Drax imports most of its wood pellet fuel from the southern US where campaigners have gathered  
significant evidence of deforestation linked to pellet production. Pelletizing plants which produce harmful  
air pollution are disproportionately placed in marginalized communities leading to accusations of  
environmental racism. One such factory is sited near the home of a 83-year-old woman in Gloster  
Mississippi. She told Dogwood Alliance: 'I've started coughing inside and outside. I have to sleep with  
my ventilator to try to stay alive.' Millions of tons of trees are already being fed into power stations to  
produce just 2.5 per cent of global electricity generation and companies like Drax are pushing for further  
growth claiming that unproven carbon capture technology can even make their stations 'carbon negative'



Youtube QR



Spotify QR



Website QR



based again on problematic carbon accounting. But opposition is building with major campaigns against large-scale subsidies in the US and EU while Australia no longer classifies the practice as 'renewable'. Meanwhile here in the UK Reclaim the Power gave New Internationalist a very clear message: 'We aren't going anywhere'.<sup>9F</sup> United Kingdom Scotland. Charities urge action on poverty's toll on lung health. Health and Care Scot. She said she is "very aware of the dangers" winter brings and does what she can do protect herself but that triggers like wood smoke and car. Charities urge action on poverty's toll on lung health. **RAWSEP key excerpt.** A Scottish woman was diagnosed with COPD 20 years ago and now chairs the Breathe Easy Clackmannanshire support group for people with respiratory illnesses. She said she is "very aware of the dangers" winter brings and does what she can do protect herself but she says that triggers like wood smoke and car pollution are worse in winter. **Excerpts edited by RAWSEP for brevity and clarity and relationship to Residents Against Wood Smoke Emission Particulates a 501c3 nonprofit organization.** Wednesday November 20 2024. Two national charities are calling on the Scottish government to improve support for people living with lung conditions in Scotland's most deprived areas as the group most likely to end up in hospital this winter fighting for breath. Data from last winter reveals that people living in the most deprived areas with lung condition chronic obstructive pulmonary disease COPD had almost seven times the hospital admission rate of those in the least deprived areas. <sup>10</sup> Bangladesh. Clearing the Air Addressing Bangladesh's Air Pollution Crisis. World Bank Blogs. Fine particulate matter PM2.5 the most harmful pollutant in our air refers to a group of microscopic substances much smaller than the width of a. <sup>11</sup> China. Coordinating public and government responses to air pollution exposure. PubMed. Our findings reveal that on average a unit increase in PM2.5 levels Particulate Matter; Air Pollutants. <sup>12A</sup> India Mumbai. Sangli has cleanest air quality in state Malegaon most polluted Report. Mumbai News. The Indian Express. According to the report the average PM 2.5 concentration recorded in the polluted cities of Maharashtra ranged between 80 ug/m3 and 105 ug/m3 <sup>12B</sup> India. Smog season's hidden threat How safe is the air inside your home and what can you do about it? Hindustan Times. Pollutants like PM 2.5 carbon monoxide and volatile organic compounds VOCs easily infiltrate homes even when doors and windows are shut. <sup>12C</sup> India. Punjab sees record single day spike in stubble burning. Delhi air pollution. YouTube. Traditional Lavash Bread Baking Bread on a Barrel Over Wood Fire. <sup>12D</sup> India. What are GRAP AQI PM 2.5 PM 10? PressReader.com Particulate matter is a wide variety of airborne material like dust smoke and soot directly emitted into the air. <sup>13</sup> South Asia. CAMS global system tracks exceptional air pollution episode in South Asia. Copernicus Atmosphere Monitoring Service. CAMS global forecasts of fine particulate matter PM2.5 show how high concentrations have been accumulating from northeastern Pakistan and across.



Youtube QR

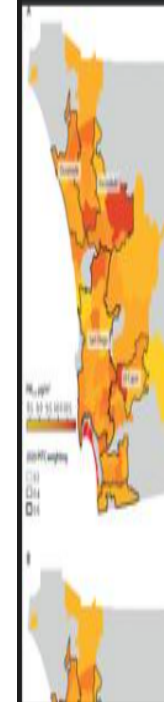


Spotify QR



Website QR

<https://www.thelancet.com/.../PIIS2542-5196%2824.../fulltext>



THELANCET.COM

### Effects of fine particulate matter from wildfire and non-wildfire sources on emergency-department visits in people who were...

People who were unhoused in San Diego County were more likely to visit emergency departments after exposure to increased wildfire-specific PM2.5. As the intensity and frequency of wildfires increase, understanding risk factors for vulnerable populations, such as people who are unhoused, is crucial ...