

Episode 56VV, July 13, 2024, Jeopardy RAWSEP, Bhutan, Kenya, UK, US unnecessary wood burning.  
1)Bhutan airlifts to solve wood smoke problem, 2)Kenya using LPG gas to replace fish wood smoking,  
3)UK new Labour government to tackle wood burning fad, 4)US unnecessary wood burning fad in  
restaurants, 5)Find the best Heat Pump in the World here. 6)Solutions: individual actions plus Industry  
change.

Jeopardy.

Category 1)Bhutan airlifts to solve wood smoke problem,

Category 2)Kenya using LPG gas to replace fish wood smoking,

Category 3)UK new Labour government to tackle wood burning fad,

Category 4)US unnecessary wood burning fad in restaurants,

Category 5)Find the best Heat Pump in the World here.

Category 6)Solutions: individual actions plus Industry change.

Category 1, \$200 Answer, 1)Bhutan airlifts to solve wood smoke problem,

Bhutan is a country located between Tibet and India.

Category 1, \$200 Question, 1)Bhutan airlifts to solve wood smoke problem,

Where is the landlocked, mountainous country of Bhutan located?

Category 1, \$400 Answer, 1)Bhutan airlifts to solve wood smoke problem,

Bhutan fuel wood collection is done by women and children. Bhutan now has some horses, so men and  
younger women also ride horses to bring logs.

Category 1, \$400 Question, 1)Bhutan airlifts to solve wood smoke problem,

In Bhutan, who spends hours or days walking many miles to collect wood for burning?

Category 1, \$600 Answer, 1)Bhutan airlifts to solve wood smoke problem,

Bhutan airlifts are scheduled to bring in electrical grid and solar panel equipment.

Category 1, \$600 Question, 1)Bhutan airlifts to solve wood smoke problem,

What are the scheduled Bhutan airlifts bringing into the country?

Category 1, \$800 Answer, 1)Bhutan airlifts to solve wood smoke problem,

Bhutan airlifts will improve air quality, because electrical cooking appliances will replace wood burning.

Category 1, \$800 Question, 1)Bhutan airlifts to solve wood smoke problem,

What is being done in Bhutan to replace indoor residential wood burning with clean energy?

Category 1, \$1,000 Answer, 1)Bhutan airlifts to solve wood smoke problem,

Health concerns for Bhutan women and children from their exposure to firewood smoke is the reason for airlifts of electrical equipment.

Category 1, \$1,000 Question, 1)Bhutan airlifts to solve wood smoke problem,

What is the health concern that the Bhutan airlifts are meant to solve?

Category 2, \$200 Answer, 2)Problem: 2)Kenya using LPG gas to replace fish wood smoking,

Air pollution is caused by the Kenya traditional practice of preserving fish through smoking in wood-fired mud ovens.

Category 2, \$200 Question, 2)Kenya using LPG gas to replace fish wood smoking,

What Kenyan traditional cooking practice causes air pollution?

Category 2, \$400 Answer, 2)Kenya using LPG gas to replace fish wood smoking,

Since fishing is some Kenyan communities' primary source of income, many households have constructed mud ovens within their compounds to preserve the fish they catch.

Category 2, \$400 Question, 2)Kenya using LPG gas to replace fish wood smoking,

Is fish smoking a Kenyan commercial practice as well as a traditional practice?

Category 2, \$600 Answer, 2)Kenya using LPG gas to replace fish wood smoking,

In 2021, Kenya banned smoking and processing fish in residential areas along the Turkana Lake's shores.

Category 2, \$600 Question, 2)Kenya using LPG gas to replace fish wood smoking,

Does Turkana County in Kenya need to find another way to preserve fish, other than by wood smoking?

Category 2, \$800 Answer, 2)Kenya using LPG gas to replace fish wood smoking,

Turkana Lake's locals complained of poor eyesight, burning eyes, and dizziness, which are correlated with fish smoking.

Category 2, \$800 Question, 2)Kenya using LPG gas to replace fish wood smoking,

What are adverse health effects of fish wood smoking experienced at Kenya's Lake Turkana?

Category 2, \$1,000 Answer, 2)Kenya using LPG gas to replace fish wood smoking,

Liquified petroleum gas (LPG) does not produce a significant amount of particulate emissions (unlike wood burning).

Category 2, \$1,000 Question, 2)Kenya using LPG gas to replace fish wood smoking,

Why will LPG Gas for cooking replacing Kenya fish wood smoking promote higher levels of sanitation and hygiene in the Lake Turkana area?

Category 3, \$200 Answer, Category 3)UK new Labour government to tackle wood burning fad,

A new UK Labour Government was elected on July 4, 2024, which intends to tackle climate change.

Category 3, \$200 Question, Category 3)UK new Labour government to tackle wood burning fad,

Why is the UK government more likely to tackle the problem of indoor residential wood burning air pollution since July 4, 2024?

Category 3, \$400 Answer, Category 3)UK new Labour government to tackle wood burning fad,

The problem of air pollution from the fad of middleclass indoor residential wood burning is one of the top of the tray problems on the agenda of the new UK Labour government.

Category 3, \$400 Question, Category 3)UK new Labour government to tackle wood burning fad,

Is the average UK wood burner indigent, or a member of the middle class imposing air pollution on near neighbors while following the latest fad?

Category 3, \$600 Answer, Category 3)UK new Labour government to tackle wood burning fad,

There is a need for a decisive move by the new UK Labour government to switch residences to Heat Pumps, replacing boilers.

Category 3, \$600 Question, Category 3)UK new Labour government to tackle wood burning fad,

How can Heat Pumps solve one of the top of the tray climate change challenges to the new UK Labour Government?

Category 3, \$800 Answer, Category 3)UK new Labour government to tackle wood burning fad,

The July 2024 Guardian article headline was “New Labour Government. From water to wood-burning stoves: 11 green challenges Labour must solve.”

Category 3, \$800 Question, Category 3)UK new Labour government to tackle wood burning fad,

What recent headline about wood burning stoves mentioned it was a green challenge that the new UK Labour government must solve?

Category 3, \$1,000 Answer, Category 3)UK new Labour government to tackle wood burning fad,

PM2.5 air pollution percentage from indoor residential wood burning has surpassed PM2.5 percentage from transportation in the United Kingdom for the last few years.

Category 3, \$1,000 Question, Category 3)UK new Labour government to tackle wood burning fad,

Does particulate matter percentage from indoor residential wood burning (in a small percentage of mostly middle class households) surpass PM2.5 from transportation in the United Kingdom?

Category 4, \$200 Answer, Category 4)US unnecessary wood burning fad in restaurants,

In July 2024, an unmourned Portland, Oregon wood fired grill that burned down in March, was rebuilt.

Category 4, \$200 Question, Category 4)US unnecessary wood burning fad in restaurants,

How are wood fired grills in wildfire air-pollution-plagued Portland, Oregon further contributing to Portland’s wood burning air pollution?

Category 4, \$400 Answer, Category 4)US unnecessary wood burning fad in restaurants,

In March 2024, Portland Fire 7 Rescue confirmed that the fire started in a flue over a grill on the first level.

Category 4, \$400 Question, Category 4)US unnecessary wood burning fad in restaurants,

Did wood burning cause the fire that burned down the Portland Oregon wood fired grill in March 2024?

Category 4, \$600 Answer, Category 4)US unnecessary wood burning fad in restaurants,

Since early 2024 in New York City, the allowed PM2.5 from wood burning pizza restaurants in New York City has been regulated.

Category 4, \$600 Question, Category 4)US unnecessary wood burning fad in restaurants,

Did New York City, in 2024, address complaints that the wood smoke from wood fired pizza restaurants adversely affected the health of near neighbors?

Category 4, \$800 Answer, Category 4)US unnecessary wood burning fad in restaurants,

Wood fired grills are not used in the United States, unlike in Kenya, based on claims of indigence of the business owners.

Category 4, \$800 Question, Category 4)US unnecessary wood burning fad in restaurants,

Are wood fired grill owners claiming they are indigent and cannot afford clean energy solutions for cooking?

Category 4, \$1,000 Answer, Category 4)US unnecessary wood burning fad in restaurants,

An electric pizza oven emits no appreciable amount of 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 and early deaths.

Category 4, \$1,000 Question, Category 4)US unnecessary wood burning fad in restaurants,

Is cooking a pizza in an electric oven less of a human health danger than cooking a pizza in a wood fired oven?

Category 5, \$200 Answer, 5)Find the best Heat Pump in the World here.

HeatPumpMonitor.org provides data on live heat pump performance.

Category 5, \$200 Question, 5)Find the best Heat Pump in the World here.

Where can you find data on live heat pump performance, in a contest to name the best Heat Pump in the World?

Category 5, \$400 Answer, 5)Find the best Heat Pump in the World here.

You can list your own Heat Pump on HeatPumpMonitor.org to see if it can win best Heat Pump in the World.

Category 5, \$400 Question, 5)Find the best Heat Pump in the World here.

Can list your own Heat Pump on HeatPumpMonitor.org to see if it can win best Heat Pump in the World?

Category 5, \$600 Answer, 5)Find the best Heat Pump in the World here.

A typical Heat Pump monitoring setup could cost between £500 and £700, all on top of the price of the heat pump system itself.

Category 5, \$600 Question, 5)Find the best Heat Pump in the World here.

Does a Heat Pump monitoring system that can be viewed on HeatPumpMonitor.org cost much?

Category 5, \$800 Answer, 5)Find the best Heat Pump in the World here.

There is no prize for winning Best Heat Pump in the World, except a boost to your self-esteem.

Category 5, \$800 Question, 5)Find the best Heat Pump in the World here.

Is there a monetary prize for winning Best Heat Pump in the World?

Category 5, \$1,000 Answer, 5)Find the best Heat Pump in the World here.

If you want to add your own heat pump to the online leaderboard, you need to attach a small array of temperature and electricity meters to your heating system. These record electrical input and heat output data in real time, with measurements transmitted automatically to Open Energy Monitor (O E M) every 10 seconds.

Category 5, \$1,000 Question, 5)Find the best Heat Pump in the World here.

Is it possible to track your Heat Pump's coefficient of performance (C O P) over months or even years?

Category 6 \$200 Answer, 6)Solutions: individual actions plus Industry change.

One person can do two things at the same time: 1)stop burning wood at home and 2)ask industries to stop burning wood, and instead use the cleaner energy sources of wind, solar and geothermal.

Category 6 \$200 Question, 6)Solutions: individual actions plus Industry change.

If one person stops burning wood at home, is that enough to help slow Climate Change?

Category 6, \$400 Answer, 6)Solutions: individual actions plus Industry change.

Stopping wood burning residentially does not just stop sickening the family within the home, but also stops sickening the near neighbors of indoor residential wood burners.

Category 6, \$400 Question, 6)Solutions: individual actions plus Industry change.

Does stopping wood burning residentially lessen the risk of sickening your own family?

Category 6, \$600 Answer, 6)Solutions: individual actions plus Industry change.

Stopping wood burning residentially also lessen the risk of sickening all the people in your neighborhood.

Category 6, \$600 Question, 6)Solutions: individual actions plus Industry change.

Does stopping wood burning residentially lessen the risk of sickening your neighbors, near and far?

Category 6, \$800 Answer, 6)Solutions: individual actions plus Industry change.

If you stop burning wood, you can serve as an example for other people to stop burning wood.

Category 6, \$800 Question, 6)Solutions: individual actions plus Industry change.

Can you be a role model by stopping burning wood?

Category 6, \$1,000 Answer, 6)Solutions: individual actions plus Industry change.

Tell other people that in addition to asking industries to stopping burning fossil fuels and stopping burning wood (biomass), individuals can contribute to clean air, increase Public Health and slow Climate Change by stopping burning wood indoors residentially.

Category 6, \$1,000 Question, 6)Solutions: individual actions plus Industry change.

What can you tell other people to do, now that you know that wood burning emits 2.8 times the PM2.5 as the fossil fuel coal burning, and that wood burning emits 450 times the PM2.5 as the fossil fuel natural gas burning? Wood burning emits 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 and early deaths.

Double Jeopardy if no action is taken.