

Webisode 57DHYAFZZFLHN March 19 2026 Integrated carbon capture system portably used on ships

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1 United Kingdom Britain What to Know about the Meningitis Outbreak in Britain [RAWSEP View](#) Vaccines take 2 weeks to take effect [Back to the article headline](#) At least 20 young adults are believed to be infected and two have died in an outbreak of meningococcal disease in the county of Kent in southeast England Dozens of people stand in line some wearing face masks on a path next to grass and some buildings Students and faculty members wait in line for antibiotics at the University of Kent in Canterbury England on Monday [Excerpts edited by Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization](#) The New York Times March 18 2026 young people have died and at least 20 young adults are believed to have been infected in an outbreak of meningococcal disease in southeast England Wes Streeting the British health secretary has called the outbreak unprecedented Prime Minister Keir Starmer speaking in Parliament on Wednesday expressed his sympathy to the families of the two young people who died and the others who are seriously ill saying that it was a deeply difficult time Here is what we know Where is the outbreak and who has been impacted? The outbreak is centered in Kent a county in southeastern England that includes the city of Canterbury By Wednesday some 20 cases had been identified according to a statement from the UK Health Security Agency One student at the University of Kent has died and an 18 year old student at a high school outside Canterbury died on Saturday [At least 10 cases have been traced back to Club Chemistry a nightclub in Canterbury frequented by students from the nearby University of Kent](#) Doctors across the country have been advised to prescribe antibiotics to anyone who visited the club between March 5 and 7 Cases of meningitis are not uncommon there are about 300 reported each year in Britain but [a large fast moving outbreak like this is unusual experts said](#) What is meningitis B? Six of the 20 cases of meningitis in Kent were confirmed to be group B meningococcal disease Meningococcal disease is caused by bacteria that come in several strains B and C are the strains that most commonly cause disease in Britain The disease can present as meningitis which is an inflammation of the brain and spinal membranes and as septicemia an infection in the bloodstream Both are serious and potentially life threatening [Around one in 20 people who develop meningococcal disease will die and death rates are higher for teenagers and young adults](#) What are the signs and symptoms? Symptoms of meningococcal meningitis can include a fever headache rapid breathing drowsiness shivering vomiting and cold hands and feet Distinct symptoms include a stiff neck and sensitivity to light Septicemia can cause a characteristic rash that does not fade when pressed with a glass Meningococcal disease can progress rapidly and early symptoms can often be mistaken for other illnesses such as the flu or even a

hangover How is the disease spread? Meningitis B the strain identified in Kent is spread through close or sustained personal contact Streeting said that kissing sharing drinks sharing vapes or living in shared housing put students at higher risk for the disease There are cases of meningitis B every year and they often occur in adolescents and young adults The bacteria is carried in the throat There have been some local media reports of a baby in Kent with a confirmed meningitis B infection The British health security agency said it was investigating the case of the infant but that it is not currently linked to the outbreak Can antibiotics and vaccination help? Close contacts of the people known to have the disease in Kent as well as all students in University of Kent housing have been given precautionary antibiotics to target the meningitis B bacteria Streeting said that people could take reassurance from the fact that contact tracing had been carried out and that antibiotics had been offered proactively adding In 90 percent of cases this is an effective treatment Since 2015 babies and young children in Britain have been offered vaccination against meningitis B as part of the National Health Service routine program But older generations of young people including those in Kent would not have been routinely vaccinated Because of the severity of the outbreak a targeted vaccination program will begin in the coming days for students living on the Canterbury campus at the University of Kent The vaccine protection is not immediate immunity develops in around two weeks A senior research fellow in global health at the University of Southampton said in an emailed statement that the targeted vaccination program is sensible and that the prescribed antibiotics are highly effective as a preventative measure Vaccination has greatly reduced meningitis cases and deaths in Britain in recent years A Meningitis C vaccine introduced in 1999 led to group C cases falling by over 90 percent according to official public health data But Dr Head noted that it is likely that more cases will be identified as part of the Kent outbreak in the coming days as well as unrelated cases elsewhere in Britain

2 United Kingdom with the United States Integrated carbon capture system Portable ICCS on barges used in UK and US Ports on Ship Emissions including PM2 point 5 Excerpts edited by Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization Climate wire April 17 2025 Startups unveil CO2 capture for idling ships in port The new technology from a California firm and a British company captures emissions from vessels that rely on heavy fuel oil for power while loading and unloading Stax Engineering and Seabound demonstrate their integrated emissions capture system at the Port of Long Beach on April 16 2025 The system collected carbon dioxide emissions and filtered out particulate matter and nitrogen oxide from the exhaust of a Wallenius Wilhelmsen vessel A pair of startups have revealed an innovative emissions capture system that could slash climate pollution from thousands of merchant ships idling in ports around the world The integrated barge based system is a collaboration between Stax Engineering a US firm whose chief strategy officer is the actor and entrepreneur Edward Norton and the British carbon capture company Seabound Their technologies were demonstrated Wednesday during an afternoon event at the Port of Long Beach in southern California The shipping industry is collectively responsible for 3 percent of the annual carbon dioxide emissions in the world That is more than Japan the fifth largest national emitter in the world The new collaboration aims to solve a small but significant piece of the climate challenge of the industry Emissions produced by vessels that rely on heavy fuel oil for power while they are loading unloading or awaiting repairs Each idling ship can produce between 15 and 24 metric tons of climate

pollution per day according to Stax CEO Michael Walker News related to STAX Media has covered STAX for a total of 16 events in the last 1 year 6 of them have been about company updates and 5 about partnerships STAX Engineering to invest 38 million pounds in UK port emissions reduction expansion Port News September 22 2025 STAX Engineering Invests 50 Million Dollars to Expand UK Port Operations Offshore Energy September 22 2025 Associated British Ports STAX Seabound wins 1 point 48 million dollar grant for carbon emissions capture at Port of Southampton with STAX and ABP marine link dot com August 20 2025 Seabound Associated British Ports STAX Engineering boards UK consortium zero emission ports initiative Offshore Energy August 18 2025 STAX Lomar Shipping Seabound Associated British Ports STAX Engineering Secures CARB Executive Order for Tanker Vessel Service in California Benznga August 04 2025 STAX Engineering Named First Official Provider for At Berth Emissions Control Services at the Port of Los Angeles Benznga July 01 2025 Los Angeles Port Pilots Assn STAX 4 Million Dollars Boosts Port of Hueneme Shore Power Project Offshore Energy April 23 2025 The Port of Hueneme STAX Engineering & Seabound Demonstrate Integrated Emissions and Carbon Capture Solution Globe Newswire April 17 2025 STAX Seabound UK US Collaboration for Zero Emissions at Port with First Ever Integrated Solution Globe Newswire April 17 2025 Seabound STAX Engineering gets funding boost launches carbon capture trials with Seabound Offshore Energy February 27 2025 STAX First time Deutsche Bank

3 Russia An Abandoned Russian Tanker Is Drifting at Sea Will Anyone Stop It? An attack forced its crew to abandon ship in early March No country has intervened despite fears of environmental disaster A large green ship in dark water seen from above Its stern and superstructure are extensively fire damaged blackened and rusted The Arctic Metagaz a Russian fuel tanker adrift between Malta and Lampedusa Italy Excerpts edited by Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization The New York time March 18 2026 For weeks a huge unmanned Russian fuel tanker has been drifting aimlessly in the Mediterranean Sea after its crew abandoned ship following a drone attack according to the Russian government The 900 foot ship has a gaping hole in its green hull aerial footage shows and in the words of a senior Italian official Alfredo Mantovano it is an environmental time bomb that threatens to cause serious damage throughout the surrounding area of the Mediterranean Sea On Wednesday that the ship was approaching Libya but Italy could not monitor it closely because it was not in the national waters of Italy Libyan authorities warned on Wednesday that ships and oil platforms off the Libyan coast should look out for the listing ship but announced no concrete response Russia has blamed the attack on Ukraine and called on Mediterranean countries to deal with the fallout Ukraine which has sometimes attacked Russian tankers to harm the war economy of Russia has not commented on the ship The tanker called the Arctic Metagaz has been adrift since the attack on March 3 according to the Russian foreign ministry It was carrying at least 700 tons of fuel and some liquid natural gas the ministry later added The name of the ship was changed last year according to online ship records Before the change several Western countries including the United States had placed restrictions on the vessel because it was considered part of the so called shadow fleet of Russia a group of aging tankers used by Russia to circumvent Western sanctions The ship left Egypt in late January according to Vessel Finder a maritime tracking service and was attacked southeast of Malta

according to the Russian foreign ministry The Civil Protection Department of Italy said on Wednesday that the vessel had drifted south in recent days toward Libya In a statement **the Italian branch of the World Wildlife Fund an environmental campaign group said that a potential spill of the liquid natural gas could cause fires cryogenic clouds that are lethal to marine life and widespread long lasting pollution of the water and the atmosphere**

4 Iran Everyone but Trump Understands What He has Done Allied leaders know that any positive gesture they make will count for nothing **Excerpts edited by Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization** The Atlantic March 17 2026 Donald Trump does not think strategically Nor does he think historically geographically or even rationally He does not connect actions he takes on one day to events that occur weeks later He does not think about how his behavior in one place will change the behavior of other people in other places He does not consider the wider implications of his decisions He does not take responsibility when these decisions go wrong Instead he acts on whim and impulse and when he changes his mind when he feels new whims and new impulses he simply lies about whatever he said or did before For the past 14 months few foreign leaders have been able to acknowledge that someone without any strategy can actually be president of the United States Surely the foreign policy analysts murmured Trump thinks beyond the current moment Surely foreign statesmen whispered he adheres to some ideology some pattern some plan Words were thrown around isolationism imperialism in an attempt to place The Trump actions into a historical context Solemn articles were written about the supposed significance of Greenland for example as if The Trump interest in the Arctic island were not entirely derived from the fact that it looks very large on a Mercator projection

5 Belarus and Ukraine ICC opens investigation against Belarus over alleged crimes against humanity **Excerpts edited by Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization** Kiev Independent Belarus News March 19 2026 Hungary pushes to suspend duties on Belarusian Russian fertilizers Belarus promises not to confiscate Lithuanian trucks ahead of US envoy visit Poland launches anti drone system on border with Belarus Austria not to extradite Ukrainian tycoon due to his immunity as Belarusian diplomat

6 Ukraine Amid Iran war Ukrainian drone makers fear Zelensky risks missing window of opportunity **Excerpts edited by Residents Against Wood Smoke Emission Particulates a 501C3 nonprofit organization** The Kiev Independent March 19 2026 **The Ukraine drone industry is abuzz with anticipation of a deal that would allow them to sell interceptor drones abroad** hoping for the first big relaxation of wartime export restrictions that would finally put their technology in the hands of foreign militaries amid the US war with Iran But President Volodymyr **Zelensky is seemingly holding out for a deal over PAC 3 missiles an anti-air munition for Patriot systems that are uniquely good at defending against Russian ballistic attacks** The result is **frustration felt across The Ukraine defense sector** which sees a window of opportunity for sales that is diminishing by the day Foreign firms are profiting from a wartime boom while Ukrainian companies that built their expertise on the battlefield still are not on equal footing in those markets The whole Ukrainian defense tech market we have paid an enormous price paid with lives with territory with five years of full scale war twelve overall Marko Kushnir **director of**

communications for the General Cherry drone company said Drones for missiles Amid the US war with Iran and the escalating threat from Shahed attack drones Zelensky is floating Ukrainian interceptors as a possible means of exchange with both the United States and Middle Eastern countries that hold Patriot stocks saying on March 9 that Ukraine was sending soldiers to protect US bases in the Middle East as part of the Kyiv case that it can offer something in return It is a point US President Donald Trump has been loath to concede Negotiations with Israel began on March 16 with Zelensky seemingly framing them as a possible exchange of Ukrainian interceptor drones for additional air defense missiles potentially including the older Patriot systems of Israel On March 17 Zelensky announced that Ukraine had already sent 201 anti-Shahed drone specialists to the Middle East The moment seems as close as Ukraine has come to selling a major batch of its wartime weapons tech abroad Since the start of the full scale invasion by Russia the Ukrainian government has restricted the export of weaponry The restriction makes sense given the desire to send maximum kit to the frontline But wartime export controls have long been a sticking point for The Ukraine new generation of ambitious young military tech startups which see markets booming abroad while the Ukrainian government confines them at home to the procurement system of the Defense Ministry which caps their profits and cannot always buy all they can produce With foreign interest in Ukrainian interceptors surging they fear the current window may not stay open for long Now we have this window of opportunity to enter the American market and work with America more fruitfully Kushnir said General Cherry is one of the largest drone makers in the country They are one of several Ukrainian drone companies competing in the US Pentagon Drone Dominance program a fast track Pentagon program to buy a new fleet of kamikaze drones in the hopes of earning a seat at the table of future War Department drone purchases One of the most conspicuous winners from the Ukrainian market is Merops an American interceptor project by former Google CEO Eric Schmidt that has gotten extensive testing in Ukraine Merops interceptors are reportedly already on their way to the Middle East Ukrainian drone makers remained stoic about exports remaining blocked off but unanimous in noting a surge of interest in their interceptors Moto G a Ukrainian electric motor manufacturer announced on March 11 that they are launching a new model specifically for interceptor drones Moto G CEO Oleksiy Grebin told the Kyiv Independent that the firm is not yet producing these ultra-fast motors at scale but plans to start proper mass production in April Another project is Wild Hornets which makes the Sting maybe the highest volume of all Ukrainian interceptor drones Oleksandr Yakovenko is the founder of TAF Industries which makes between 60 thousand and 80 thousand drones per month Their biggest seller is an FPV called the Kolibri but they also make the TAF I10 interceptor and are one of multiple licensed producers of the Octopus interceptor to which the Defense Ministry owns the rights These days Yakovenko is focused on building out the future business of the company in Europe and the US knowing that the mass of FPVs that the Ukrainian front demands is not a sustainable post war business model 60 thousand to 80 thousand drones to the front wo not be necessary But 100 thousand drones in a warehouse that you upgrade every half year with new telemetry and software et cetera that is a model Yakovenko said A global surge in weapons purchases and defense stocks outside of Ukraine is currently passing by Ukrainian producers Rheinmetall and KNDS have a ton of orders and their stock prices have grown by a factor of ten but as soon as the active military activities in Ukraine end those stock prices will go down said Yakovenko In case you missed Why Ukraine could start losing Western aid for the first time Battlefield analysis What The Ukraine recent front line gains really mean Iran war risks delaying Ukraine peace talks Zelensky says urges Trump Starmer reconciliation