

DAILY TRACKER**NUCLEAR ISSUES**

1. Saudi Arabia spent a lot of effort trying to get the word "environmentally safe and sound" in front of references to "energy sources" and "energy supplies" during the discussions leading up to the Rio Earth Summit in 1992. This seems strange, given that the oil Saudi Arabia sells in greater amounts than any other country is now known to be anything but ecologically friendly. The goal was clear to those interested at the time: the term was a strategy to keep nuclear power off the Rio agenda.

Source: <https://www.economist.com/leaders/2021/11/13/the-discreet-charm-of-nuclear-power>

2. On Thursday, Germany, Luxembourg, Portugal, Denmark, and Austria came out against nuclear energy being classified as a climate-friendly source of energy. On the fringes of the UN climate meeting in Glasgow, COP26, the five nations published a declaration. It comes as the European Commission is developing a "EU taxonomy," which will detail what the group believes to be "environmentally sustainable economic activity." Other EU members, led by France, are working to expand that list to include contemporary nuclear energy.

Source: <https://www.dw.com/en/eu-states-split-on-classifying-nuclear-energy-as-green/a-59792406>

3. Robert Malley, the US special envoy for Iran, is visiting the UAE, Israel, Saudi Arabia, and Bahrain ahead of important nuclear negotiations with Tehran scheduled for the end of the month. The State Department said on Thursday that Malley will have "consultations with partners" from November 11 to 20, citing imminent discussions in Vienna to resurrect the Iran nuclear agreement, formally known as the Joint Comprehensive Plan of Action (JCPOA).

Source: <https://www.aljazeera.com/news/2021/11/11/us-envoy-visiting-middle-east-allies-ahead-of-iran-nuclear-talks>

4. Iran's foreign minister said Wednesday that the nation is ready to establish a "good agreement" on the nuclear issue during talks set to begin later this month in Vienna. Ali Bagheri, Hossein Amir-deputy Abdollahian and top negotiator, was "involved in fruitful negotiations in Europe" this week, according to a tweet from Hossein Amir-Abdollahian. Bagheri is visiting London, Paris, and Berlin. "We are ready to achieve a good deal at the negotiation table in Vienna," the foreign minister wrote.

Source: <http://www.seychellesnewsagency.com/articles/15804/Iran+ready+for+%27good+agreement%27+at+nuclear+talks>

- Iran will adopt an uncompromising stance when it resumes nuclear talks with major powers, betting it has the leverage to win wide sanctions relief in return for curbs on its increasingly advanced atomic technology, officials and analysts say.

Source: <https://www.reuters.com/world/china/wielding-fresh-leverage-iran-play-hardball-nuclear-talks-2021-11-11/>

- Bill Gates' nuclear energy firm TerraPower and power company PacifiCorp — owned by Warren Buffett's holding company Berkshire Hathaway — teamed up in September 2020 to launch the Natrium project. It's about a small modular reactor they say will be commercially viable by 2030. Many countries are weighing smaller, so-called modular, nuclear reactors as a way of backing up low emission energy production during the transition from fossil fuel dependence to one based on renewable energy sources.

Sources: <https://www.dnnext.in/Lifestyle/Technology/2021/11/12032215/1328367/Scientists-dunk-Gates-nuclear-plans-in-water.vpf>

- Rolls-Royce says the AUKUS security agreement between Australia, the United Kingdom and the US paves the way for Australia to embrace small modular nuclear reactors. This week Rolls-Royce announced it had raised nearly £500 million (\$915 million) in government and private equity funding to build its small modular reactor design. Currently, no such reactors exist anywhere in the world, although China began construction of its first plant in July.

Sources: <https://www.smh.com.au/world/europe/go-mini-nuclear-with-aukus-rolls-royce-urges-australia-20211109-p597jl.html>

- In the midst of a heated confrontation with Poland over the issue of immigration, Russia has stepped up its support for Belarus. On Thursday, Russia deployed two nuclear-capable strategic bombers over Belarus on a training flight, demonstrating Moscow's backing for its partner amid a migrant conflict near the Polish border. Two Russian Tu-160 strategic bombers rehearsed bombing flights at the



Ruzhansky shooting range in Belarus, according to the Belarusian Defense Ministry. Belarusian fighter planes simulated an intercept as part of the combined training, according to the Ministry.

Sources: <https://www.thehindu.com/news/international/russia-sends-nuclear-capable-bombers-on-patrol-over-belarus/article37436679.ece>

MISSILES/BIO WEAPONS

1. Three ballistic missiles were fired against a Saudi Arabian military installation in Yemen, according to Yemen's Houthi group. Three ballistic missiles struck the first Regiment in Dhahran Aljanob city, Saudi Arabia's Asir area, killing scores of Saudi soldiers, including the regiment commander, according to sources. "Three ballistic missiles fired from Yemen by the Houthi group were intercepted and destroyed by Saudi forces," Al-Arabiya TV reported earlier on Wednesday. According to a spokesman for the Yemeni Houthi group, four ballistic missile assaults were launched against three Yemeni government military facilities within Yemen.

Source: <https://english.newstracklive.com/news/houthis-claim-to-have-launched-ballistic-missiles-at-a-saudi-military-base-sc57-nu318-ta318-1191944-1.html>

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Source: <https://www.thehindu.com/news/international/russia-sends-nuclear-capable-bombers-on-patrol-over-belarus/article37436679.ece>

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Source: <https://scitechdaily.com/underground-tests-dig-into-how-heat-affects-nuclear-waste-containers-in-a-salt-bed-repository/>

4. In July 2021, the United States began its Nuclear Posture Review. The present administration's nuclear policy is dictated by NPR. The world community is concerned that the Biden administration would adopt a nuclear weapons "no first use" policy. In an effort to reduce nuclear power's prominence, this would reduce the role of nuclear weapons in military policy and give other measures more weight. According to the Financial Times, US allies are concerned that this strategy shift could weaken deterrence against China and Russia, leading to increased nuclear weapons fears.

Source: <https://theowp.org/bidens-nuclear-posture-review-and-desire-for-no-first-use/>

5. The AUKUS treaty, signed in September, aims to strengthen defence cooperation, with the most high-profile example being eight nuclear-powered submarines that the US and the UK would assist Australia in developing. Officials have stated that the deal is not targeted at any one nation, but Australia's ambassador to the United States, Arthur Sinodinos, stated this week that it is in reaction to shifts in regional security that are mostly driven by China.

Source: <https://www.businessinsider.in/international/news/australias-new-nuclear-powered-sub-a-re-decades-away-but-its-already-hinting-about-where-it-will-use-them/articleshow/87655983.cms>

NUCLEAR PROLIFERATION

1. Taliban Foreign Minister Amir Khan Muttaqi and Pakistan Army COAS have agreed to cooperate in so-called peaceful nuclear technology! Pakistan is known for its nuclear proliferation in the past now extend its support to Afghanistan's Taliban regime

Source: <https://twitter.com/IFENewsAgency/status/1458521642108215296?s=20>

2. The submarines at the center of the recent Australia-UK-US security pact are still decades from delivery, but Australia already has an idea of where they will be operating. The AUKUS pact announced in September is meant to deepen cooperation on defense technologies, the highest-profile of which are eight nuclear-powered submarines that the US and the UK will help Australia develop. Officials have stressed that the pact is not directed at a specific country, but Australia's ambassador to the US, Arthur Sinodinos, emphasized this week that it is in response to changes in regional security, which are largely been driven by China.

Source: <https://www.businessinsider.in/international/news/australias-new-nuclear-powered-sub-a-re-decades-away-but-its-already-hinting-about-where-it-will-use-them/articleshow/87655983.cms>

3. As a senior U.S. official declared, "Japan has been one of the United States' staunchest allies in the global effort to minimize, and when possible eliminate, the use of sensitive nuclear materials... This strong partnership has helped the international community ensure that these materials never find their way into the hands of criminals, terrorists, or other unauthorized actors."

Sources: <https://english.kyodonews.net/news/2021/11/006a0287253b-opinion-bomb-grade-uranium-for-australian-submarines.html>

4. On November 14, 1994, by Executive Order 12938, the President declared a national emergency with respect to the unusual and extraordinary threat to the national security, foreign policy, and economy of the United States posed by the proliferation of nuclear, biological, and chemical weapons (weapons of mass destruction) and the means of delivering such weapons. On July 28, 1998, by Executive Order 13094, the President amended Executive Order 12938 to respond more effectively to the worldwide threat of weapons of mass destruction proliferation activities.

Sources: <https://www.whitehouse.gov/briefing-room/statements-releases/2021/11/10/notice-on-the-continuation-of-the-national-emergency-with-respect-to-the-proliferation-of-weapons-of-mass-destruction/>

UN REFORMS

1. The UN Food and Agriculture Organisation (FAO) reported that by the end of 2021, the global food import bill should extend beyond \$1.75 trillion, marking a 14 per cent increase from the previous

year. The UN agency pointed out that this would be 12 per cent higher than its previous forecast. In 53 countries households spend more than 60 per cent of their income on necessities such as food, fuel, water and housing, the report added.

Source: <https://www.dawn.com/news/1657608>

2. Ugandan activists channeled the fears of many young people and vulnerable countries at Thursday's U.N. climate talks in Glasgow that world leaders won't take the action needed to prevent potentially lethal levels of global warming.

Source: <https://www.indiatoday.in/world/story/activist-world-leaders-un-climate-talk-glasgow-1875828-2021-11-12>

3. Several aircraft have reached and departed from Glasgow's international airport at Paisley, almost 16 kilometres west of Glasgow city centre, since October 31, 2021. That is when the 26th Conference of Parties (CoP26) to the United Nations Framework Convention on Climate Change began. Delegates are lodged at various places in Glasgow and its suburbs and commute daily to the event venue. Next year, delegates will head to the Egyptian resort of Sharm el-Sheikh on the Red Sea for CoP27. In 2019, they headed to Madrid. There have also been several other venues worldwide, including New Delhi in India. The United Nations (UN) is a sprawling organisation sub-divided into 56 entities. It employed 315,000 personnel at its New York City headquarters, field offices and for operations on the ground in the year 2020. All these activities generate carbon emissions.

Source: <https://www.downtoearth.org.in/news/climate-change/shoe-on-the-other-foot-the-un-generates-its-own-carbon-including-from-cops-80166>

4. United Nations Secretary-General Antonio Guterres says the goal of limiting global warming to 1.5 degrees Celsius (2.7 F) is "on life support" as U.N. climate talks enter their final days, but he added that "until the last moment, hope should be maintained." In an exclusive interview Thursday with The Associated Press, Guterres said the negotiations set to end Friday in Glasgow, Scotland, will "very probably" not yield the carbon-cutting pledges he has said are needed to keep the planet from warming beyond the 1.5-degree threshold.



Source: <https://www.newindianexpress.com/world/2021/nov/12/un-chief-says-global-warming-goal-on-life-support-2382411.html>

5. As the video started, Jin was seen looking at the Korean dishes kept on a coffee table in a room. He tried to figure out which of the dishes he would eat. "What should I eat?" he asked. He also named the Korean dishes – kimchi jjigae, udon, bulgogi rice bowl, jaeyuk rice bowl. As the video continued, Jin looked around and asked again, "What should I eat? Man..." An undecided Jin then squatted and looked more closely at the dishes. He then looked at the cameraperson sitting near him and asked, "Can you please choose for me? What should I eat? Galbitang? Kimchi jjigae?" He then finally chose Galbitang and carried the dishes with him. He wore a blue pyjama set with a hair clip in his hair.

Source: <https://www.hindustantimes.com/entertainment/music/bts-jin-preps-for-his-un-speech-wit-h-korean-breakfast-rehearses-lines-watch-101636649762901.html>

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Source: <https://economictimes.indiatimes.com/news/international/world-news/climate-goal-on-life-support-says-un-chief-antonio-guterres/videoshow/87657276.cms>

7. The escalating standoff over the migrants bivouacked in Belarus and blocked from entering Poland and Lithuania spilled into the United Nations Security Council on Thursday, as the council's Western members accused Belarus of concocting the crisis and Russia dismissed their move as cynical politics.

Source: <https://www.nytimes.com/2021/11/11/world/europe/un-security-council.html>

8. The international community has yet to recognize the militant group as Afghanistan's de facto rulers. Pakistan hosted a meeting in Islamabad on Thursday with representatives from China, Russia and the United States to discuss the situation in Afghanistan — the officials also met with Taliban representatives on the sideline, according to the U.S. State Department.

Source: <https://www.cnbc.com/2021/11/12/afghanistan-is-facing-a-humanitarian-disaster-un-says.html>

9. We turn now to Ethiopia, where civil war has pushed hundreds of thousands of people to the verge of famine in the country's north. That estimation is from the United Nations. And U.N. staff, many of them locally hired, are distributing food and other humanitarian relief. This week, though, brought news that 16 U.N. staffers have been detained, along with dozens of drivers meant to deliver that aid. The U.N. is calling for their release. And here to tell us more, Stephane Dujarric, spokesperson for the U.N. secretary general. He joins us from U.N. headquarters in New York. Welcome.

Source: <https://www.npr.org/2021/11/11/1054884170/why-is-ethiopia-detaining-un-aid-workers>

10. Negotiators at the UN climate summit in Glasgow are expected to lock horns on Friday for what is scheduled to be the final day of bargaining over how to stop global warming from becoming catastrophic. Tata Steel has reported a consolidated net profit of Rs 11,918 crore in the September quarter, up nearly eight-fold or 661 per cent from the same period last year. The **company overtook** Tata Consultancy Services (TCS) to become the most profitable company in the Tata Group. **Covaxin**, a vaccine developed by India's government medical research agency and Bharat Biotech International Ltd., was found to have a 77.8 percent efficacy rate against symptomatic Covid-19 in an analysis published in The Lancet. "Further research is needed to determine the vaccine's long-term safety and effectiveness..." said the journal.

Source: https://www.business-standard.com/article/current-affairs/latest-live-news-12-november-2021-vodafone-idea-makes-revival-plan-adani-bets-on-renewables-121111200137_1.html

11. The UAE will host the 28th UN global climate talks in 2023, after a decision made by the body in Glasgow on Thursday night to accept the Emirates' bid to run the negotiations. A plenary meeting of the UN Framework Convention on Climate Change approved the motion, under the dates and venues of future sessions, for the meeting to open in the UAE on November 6, 2023.

Source: <https://www.thenationalnews.com/world/uk-news/2021/11/11/uae-to-host-cop28-in-2023-after-un-approval-in-glasgow/>

12. Zenenga made his remarks during a meeting with leaders and representatives of the political parties in the country to hear their perspectives on the upcoming elections. "Participants expressed the importance of holding elections to fulfil the aspirations of the Libyan people of a stable Libya," the UN mission said in a statement.

Soure: <https://www.dtnext.in/News/World/2021/11/11160233/1328324/UN-reaffirms-call-to-build-democratic-political-system-.vpf>