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2021**

REPORT

CBRNE

EVENTS IN

THE WORLD

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OSDIFE

Observatory on
Security and CBRNe Defence



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Monitoring CBRNE risks worldwide

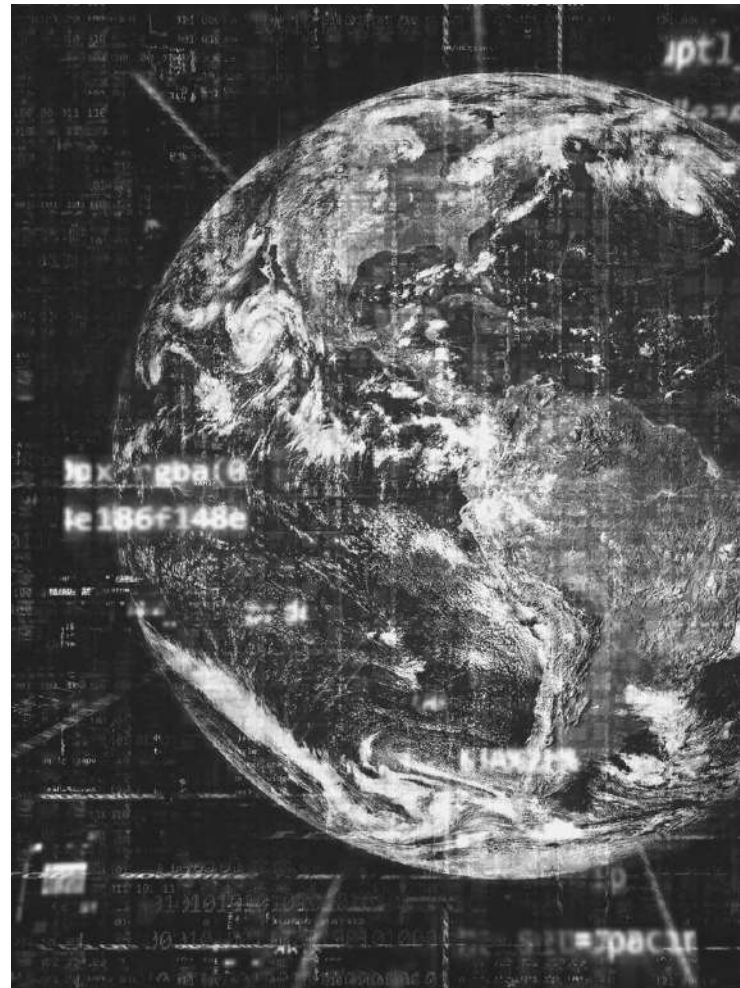
The Observatory on Security and CBRNE Defence - **OSDIFE**, the **University of Rome "Tor Vergata"**, Department of Electronic Engineering - DIE and the State University of Republic of **San Marino, Center for Security Studies** - CUFS are pleased to present the "OSDIFE Report on CBRNe Events in the World".

The Report aims to disseminate information related to a wide range of unconventional events worldwide, selected and systematised by our international editorial team on a weekly basis over the whole month, with relation to Africa, Asia, Europe, Latin America, North America, Oceania.

The Report covers issues related to **CBRNE threats**, and also has special coverage for **COVID-19 pandemic**, **terrorism and counter-terrorism**, security and defence **technological innovations**.

This Report endeavours to build a **network of mutual information exchange**.

To this aim, **we invite you to contribute** to the Report by sending news, events and initiatives of relevance to CBRNE and WMD, by email to **news.report@osdife.org**



The OSDIFE Staff is thankful for your interest and wishes you a pleasant reading.

PROF. ROBERTO MUGAVERO

Scientific committee coordinator

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Last month news

OVERVIEW OF COVID-19 PANDEMIC

As the most significant international biological threat in the past 100 years, this brief introductory section presents the June milestones of the COVID-19 pandemic.

The analysis is based on the consultation of various reliable international open sources (found and available on the International Maritime Organization – IMO, International Labour Organization – ILO, United Nations Educational, Scientific and Cultural Organization – UNESCO, United Nations International Children's Emergency Fund – UNICEF, United Nations Office on Drugs and Crime – UNODC, Joint United Nations Programme on HIV/AIDS – UNAIDS, and United Nations High Commissioner for Human Rights – UNHCHR websites) and the meticulous statistical data processed by the World Health Organization – WHO.

Key international actions and procedures to fight the virus and better deal with the increasing concerns are also presented below.



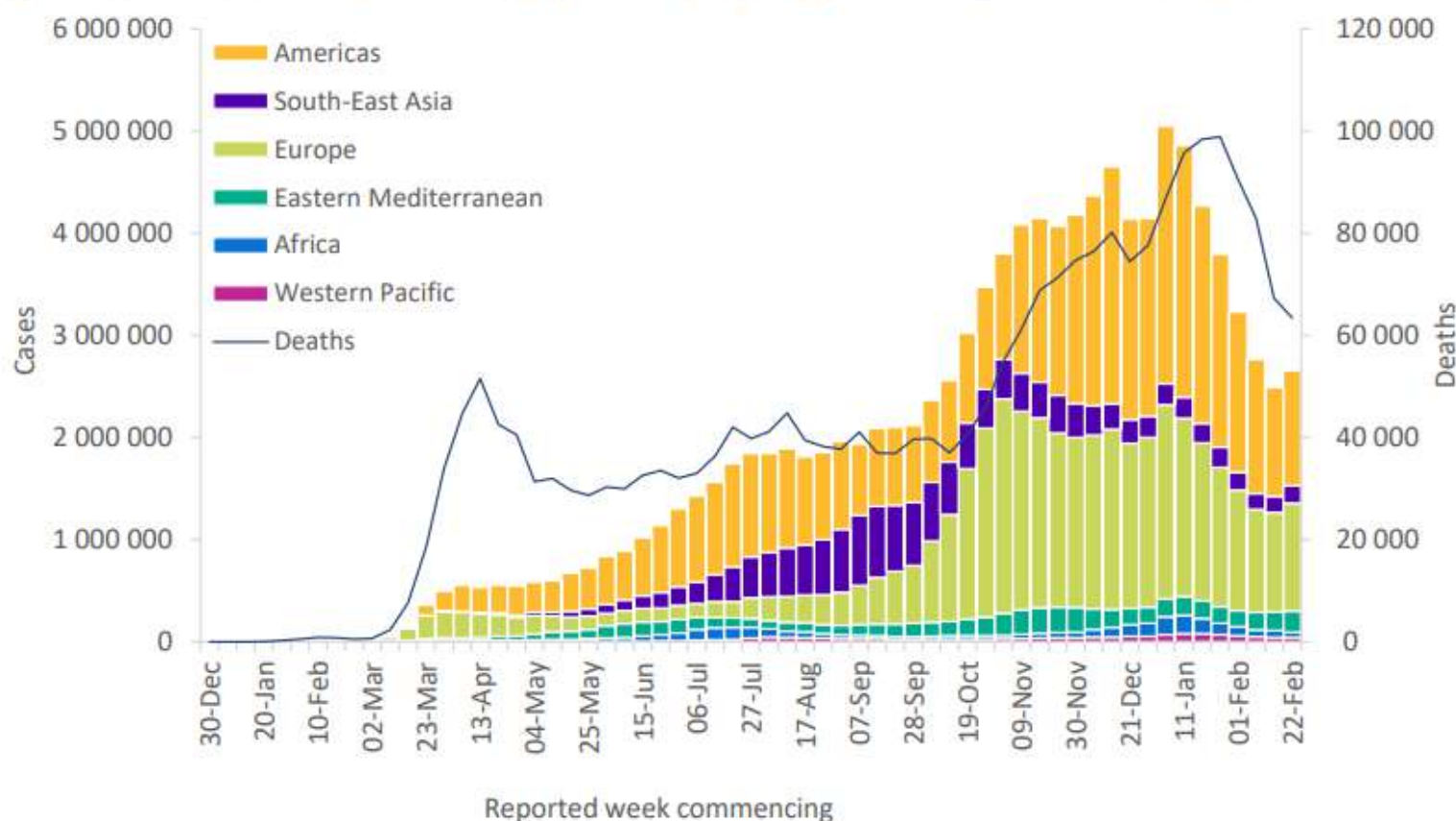
Last month news

OVERVIEW OF COVID-19 PANDEMIC



- Over 2.6 million new cases were reported last week, a 7% increase compared to the previous period, following six consecutive weeks of declining numbers.
- The global case increase was driven by increases in the Eastern Mediterranean (14%), South-East Asia (9%), Europe (9%) and the Americas (6%).
- Possible reasons for this increase include the continued spread of more transmissible variants of concern (VOCs), relaxation of public health and social measures (PHSM) and fatigue around adhering to PSHM measures.
- The number of global new deaths continues to decrease, with over 63 000 new deaths reported last week, a 6% decrease as compared to the previous week. New deaths decreased in four regions, Europe, Africa the Western Pacific, and the Americas (by 15%, 19%, 35% and 1%, respectively), and increased by 47% in the South East Asia Region, partly due to retrospective reporting of deaths from Nepal.

Figure 1. COVID-19 cases reported weekly by WHO Region, and global deaths, as of 28 February 2021**



Source: COVID-19 Weekly Epidemiological Update Data, as of 28 February 2021.

Available at: <https://www.who.int/publications/m/item/weekly-epidemiological-update---2-march-2021>



Last month news

OVERVIEW OF COVID-19 PANDEMIC



Update on SARS-CoV-2 variants of concern:

- Variant VOC 202012/01 - 106 countries reported cases of this variant



- Variant 501Y.V2 - 56 countries reported the variant.



- Variant P.1 - This variant is reported in 29 countries.



Source: COVID-19 Weekly Epidemiological Update Data.

Available at: <https://www.who.int/publications/m/item/weekly-epidemiological-update---2-march-2021>



Last month news

OVERVIEW OF COVID-19 PANDEMIC



Data summary and trends (February 2021 variations in cases and deaths)

Table 1. Newly reported and cumulative COVID-19 confirmed cases and deaths, by WHO Region, as of 28 February 2021**

WHO Region	New cases in last 7 days (%)	Change in new cases in last 7 days *	Cumulative cases (%)	New deaths in last 7 days (%)	Change in new deaths in last 7 days *	Cumulative deaths (%)
Americas	1 129 929 (42%)	6%	50 426 060 (44%)	33 951 (53%)	-1%	1 205 245 (48%)
Europe	1 055 781 (40%)	9%	38 679 334 (34%)	21 302 (34%)	-15%	861 906 (34%)
South-East Asia	171 419 (6%)	9%	13 517 009 (12%)	3 217 (5%)	47%	208 013 (8%)
Eastern Mediterranean	207 177 (8%)	14%	6 388 249 (6%)	2 562 (4%)	5%	144 479 (6%)
Africa	50 324 (2%)	-24%	2 840 208 (3%)	1 659 (3%)	-19%	71 991 (3%)
Western Pacific	44 193 (2%)	-2%	1 620 582 (1%)	786 (1%)	-35%	29 006 (1%)
Global	2 658 823 (100%)	7%	113 472 187 (100%)	63 477 (100%)	-6%	2 520 653 (100%)

*Percent change in the number of newly confirmed cases/deaths in past seven days, compared to seven days prior. Regional percentages rounded to the nearest whole number; global totals may not equal 100%.

Table 2: Key characteristics of circulating variants of concern (as of 1 March 2021)*

Nextstrain clade	20I/501Y.V1	20H/501Y.V2 [†]	20J/501Y.V3
PANGO lineage	B.1.1.7	B.1.351	B.1.1.28.1, alias P.1 [†]
GISAI clade	GR	GH	GR
Alternate names	VOC 202012/01 [†]	VOC 202012/02	-
First detected by	United Kingdom	South Africa	Brazil / Japan
Earliest sample date	20 September 2020	Early August 2020	December 2020
Key spike mutations	<ul style="list-style-type: none"> N501Y D614G A570D P681H H69/V70 deletion Y144 deletion 	<ul style="list-style-type: none"> N501Y D614G E484K K417N L242/A243/L244 deletion 	<ul style="list-style-type: none"> N501Y D614G E484K K417N
Key mutation in common	S106/G107/F108 deletion in non-structural protein 6 (nsp6)		
Number of countries reporting cases (newly reported in last week)**	106 (5)	56 (5)	29 [†] (1)

Note: data proposed in the tables below are collected through the Epidemic Intelligence from Open Sources (EIOS), a collaborative effort across public health organisations worldwide to facilitate the early detection of and response using publicly available information. Additional information about EIOS: <https://www.who.int/eios>

*Last month news*

OVERVIEW OF COVID-19 PANDEMIC



Worldwide cases compared trends



Worldwide deaths compared trends





AFRICA NEWS ON CBRNE EVENTS

This section gathers news collected from sources related to the African continent, including sub-saharian and southern regions. The section is organized in four areas:

- chemical
- biological
- radiological and nuclear
- explosives

News are proposed in chronological order.





BIOLOGICAL



Tunisia

Ammonium Nitrate Shortage

Event – SYNAGRI holds gov't responsible for agricultural ammonium nitrates shortage.

Summary – The Tunisian Farmers' Union (SYNAGRI) called for providing the necessary quantity of agricultural ammonium nitrates to save the different agricultural seasons and to import additional quantity from neighbouring countries in a bid to overcome the lack reported at the national level.

Source: <http://tdailynews.net/storyad-z12437900>

Reported: 08/02/2021

Egypt

Petrochemical Production

Event – Expansion of petrochemical complex in Alexandria

Summary – Honeywell Process Solutions (HPS) announced that Sidi Kerir Petrochemicals Company (SIDPEC) has selected Honeywell technology to upgrade the production capabilities of its flagship petrochemical complex in Alexandria, which produce ethylene and polyethylene for Egyptian market.

Source: <https://www.honeywellprocess.com/en-us/news-and-events/Pages/pr-02092021-honeywell-selected-by-sidpec-to-support-expansion-of-its-flagship-petrochemical-complex.aspx>

Reported: 09/02/2021

Tunisia

Ammonium Nitrate

Event – Vessel carrying 8,700 tonnes of ammonium nitrate expected in Tunisia.

Summary – A ship carrying 8,700 tonnes of Ammonium nitrate is expected Friday in Tunisia. A national committee made up of various stakeholders will monitor the distribution of imported fertilizers, says Minister of Trade and Export Development Mohamed Boussaïd.

Source: <https://allafrica.com/stories/202102120120.html>

Reported: 11/02/2021



BIOLOGICAL



Central African Republic

Monkeypox cases

Event – Monkeypox Returns to the Central African Republic.

Summary – The UN Office for the Coordination of Humanitarian Affairs reported today that Monkeypox has resurfaced in the Central African Republic (CAR). Two confirmed and six suspected cases of Monkeypox were detected in the Kembé Satema health district.

Source: https://reliefweb.int/sites/reliefweb.int/files/resources/External%20Weekly_27jan-4feb_ENG.pdf

Reported: 04/02/2021

Ethiopia

Dengue Fever

Event – Dengue outbreak.

Summary – The World Health Organization Ethiopia country office is working with Somali Regional Health Bureau to contain the spread of dengue fever in the region. Close to 160 confirmed cases have been recorded in Warder Woreda of Dolo Zone and 47 suspected cases in Dolo Ado Woreda of Liban Zone. Samples of the suspected cases from Dolo Ado have been sent to the regional laboratory in Hawassa for confirmation.

Source: <https://www.afro.who.int/news/who-supports-ethiopias-response-dengue-fever-outbreak-somali-region?country=30&name=Ethiopia>

Reported: 04/02/2021

Democratic Republic of Congo

Measles

Event – Outbreak update.

Summary – The UN Office for the Coordination of Humanitarian Affairs (OCHA) reports measles has resurfaced in the Democratic Republic of Congo (DRC) provinces of North and South Ubangui with cases rising to 4,500 since the outbreak mid-December 2020, affecting mostly children under five years. Many of the cases are complicated and associated with malnutrition.

Source: https://reliefweb.int/sites/reliefweb.int/files/resources/External%20Weekly_27jan-4feb_ENG.pdf

Reported: 04/02/2021



BIOLOGICAL



Liberia

Polio Virus

Event – Outbreak update.

Summary – The Minister of Health has issued a statement declaring Polio outbreak within the country as a “National Public Health Emergency”. The statement from Minister followed the detection of poliovirus by the National Surveillance System, which has spread throughout the country from two different environmental sites in Monrovia. Under the National Polio Emergency, the Health Minister says immediate measures that include door-to-door Polio vaccination campaign will take place in every community across the Country to monitor the situation within the country to beef up the fight against Polio.

Source: <https://frontpageafricaonline.com/news/liberia-health-minister-declares-polio-virus-outbreak-as-national-public-health-emergency/>

Reported: 05/02/2021

Tanzania

Unidentified Infection

Event – Unidentified infection killed 15 people.

Summary – 15 people died and more than 50 others were hospitalized in southern Tanzania due to an unidentified infection that caused many to experience nausea and vomit blood, health officials said. A team of medical experts have been deployed to clinically assess the patients and investigate the cause of the outbreak. The cause of their illness has not been identified yet, but Tanzania’s Health Ministry has ruled out an outbreak. Tanzania’s Health Minister has deployed a team of experts to assess the situation.

Source: <https://www.aa.com.tr/en/africa/unidentified-disease-kills-15-in-tanzania/2136524>

Reported: 07/02/2021

Democratic Republic of Congo

Ebola Virus Disease

Event – New Ebola outbreak.

Summary – The Minister of Health of the Democratic Republic of the Congo declared a new outbreak of Ebola Virus Disease (EVD) because of a case confirmed in Butembo, North Kivu Province.

Source: <https://www.afro.who.int/news/resurgence-ebola-north-kivu-democratic-republic-congo>

Reported: 07/02/2021



BIOLOGICAL



Ruanda

COVID-19

Event – Robots to disinfect COVID-19 treatment centers.

Summary – Rwanda's Health Ministry announced it had acquired three robots to clean and disinfect COVID-19 treatment centers and hospitals as part of more comprehensive efforts to stem the spread of the virus.

According to the ministry, they are expected to improve infection prevention control in treatment centers and other areas due to their speed and efficiency.

Source: <https://www.aa.com.tr/en/africa/rwanda-robots-to-disinfect-covid-19-treatment-centers/2139445>

Reported: 09/02/2021

Algeria

Bird Flu

Event – Algeria declares state of emergency over bird flu.

Summary – Algerian Minister of Agriculture Abdelhamid Hamdani declared a state of emergency after World Organization for Animal Health (OIE)'s announcement of H5N8 bird flu outbreak in the country's east. According to the World Health Organization, the risk of humans potentially contracting the highly pathogenic H5N8 bird flu virus cannot be excluded, although the likelihood is low.

Source: <https://www.aa.com.tr/en/africa/algeria-declares-state-of-emergency-over-bird-flu/2139509>

Reported:10/02/2021

Guinea

Ebola Virus Disease

Event – New Ebola outbreak.

Summary – The World Health Organization reported that Guinea health officials declared an outbreak of Ebola after four Ebola cases were confirmed by the national laboratory in the rural community of Gouéké in N'Zerekore, marking the first time the disease has been reported in the country since an outbreak ended in 2016.

Source: <https://www.afro.who.int/news/new-ebola-outbreak-declared-guinea>

Reported: 12/02/2021



RADIOLOGICAL AND NUCLEAR



South Africa

Event – Containment refuted reinforcement.

Summary – South African utility Eskom and the National Nuclear Regulator have refuted media reports that the reinforced concrete containment buildings at the Koeberg nuclear power plant have suffered extensive corrosion and would not be able to prevent the release of radiation in the event of a severe accident. They say tests have confirmed the performance of the structures, to which repairs have already been made. The National Nuclear Regulator (NNR) confirmed that the Koeberg Alert Alliance (KAA) plant currently complies with regular tests required by the regulator. With the information at the disposal NNR can confirm that despite the concrete cracking and delamination observed on the outer surface, the containment structures remain currently effective for protecting the environment from radiation during accident conditions.

Source: <https://www.world-nuclear-news.org/Articles/Safety-concerns-over-Koeberg-containment-refuted>

Reported: 16/02/2021

Egypt-Russia

Nuclear Plant

Event – Russia soon inaugurate first nuclear plant in Egypt.

Summary – CEO of Russia's nuclear corporation Rosatom in the Middle East and Africa, Alexander Voronkov, announced on Sunday that the company will start construction of the first nuclear plant in Egypt, asserting that the reactors are environment-friendly.

Source: <https://english.aawsat.com/home/article/2820341/russia-soon-inaugurate-first-nuclear-plant-egypt>

Reported: 22/02/2021

Egypt

Nuclear Disarmament

Event – Egypt reiterates importance of realizing progress towards nuclear disarmament.

Summary – Foreign Minister Sameh Shoukri reiterated Egypt's call on nuclear powers to honor their pledges and obligations under the Nuclear Non-Proliferation Treaty (NPT), stressing the importance of realizing progress towards nuclear disarmament.

Source: <https://www.sis.gov.eg/Story/154362/Egypt-reiterates-importance-of-realizing-progress-towards-nuclear-disarmament/?lang=en-us>

Reported: 24/02/2021



EXPLOSIVES



Cameroon

IED

Event – 2 demining units injured by explosion.

Summary – 2 men of a demining unit of the National Gendarmerie were injured by the blast of an Improvised Explosive Device at quartier Bepanda, place Voirie, in Douala.

Source: <https://www.journalducameroun.com/cameroun-deux-blesses-dans-lexplosion-dune-bombe-artisanale-a-douala/>

Reported: 01/02/2021

Cameroon

IED

Event – 2 injured while manufacturing explosive devices.

Summary – 2 persons were seriously injured at home while manufacturing Improvised Explosive Devices in locality Rose-croix, quartier Bepanda, in the 5th district of Douala.

Source: <http://www.cameroon-info.net/article/cameroun-douala-un-mort-et-un-brule-grave-dans-lexplosion-dune-bombe-artisanale-a-394134.html>

Reported: 01/02/2021

Tunisia

UXO

Event – 4 Tunisian soldiers killed.

Summary – 4 Tunisian soldiers were killed by the blast of a conventional ordnance landmine in Al-Mughilah Mountain, as their military vehicle was passing in the area between the two states of Al-Qasrin and Sidi Bouzid.

Source: <https://www.alittihad.ae/news/>

Reported: 03/02/2021



EXPLOSIVES



Somalia

Roadside IED

Event – 1 civilian killed and 1 wounded in the Capital.

Summary – 1 civilian was killed and another was wounded by the blast of a roadside Improvised Explosive Device near KM4 junction in Mogadishu, as a bulletproof vehicle belonging to an official was targeted.

Source: <https://www.radioshabelle.com/bomb-blast-kills-one-and-wounds-several-in-somali-capital/>

Reported: 06/02/2021

-

Somalia

Roadside IED

Event – Intelligence chief for Dhusamareeb town killed.

Summary – Roadside Improvised Explosive Device went off just outside the central Somalia town of Dhusamareeb, killing the chief and 11 agents working for the National Intelligence and Security Agency.

Source: <https://www.aljazeera.com/news/2021/2/7/at-least-12-killed-in-central-somalia-roadside-bomb-attack>

Reported: 07/02/2021

Nigeria

IEDs

Event – Explosion at Rivers PDP primaries.

Summary – Panic in Port Harcourt, the Rivers State capital, as 2 high-explosive devices went off during the Peoples Democratic Party (PDP) councillorship primaries; the incident happened at the party secretariat.

Source: <https://guardian.ng/news/panic-as-dynamites-explode-at-rivers-pdp-primaries/>

Reported: 12/02/2021



EXPLOSIVES

Somalia

IED

Event – Bakara market hit.

Summary – Improvised Explosive Device's blast hit an office of the local government near Bakara market, the largest one in the capital Mogadishu.

Source: <https://www.aa.com.tr/fr/afrique/somalie-une-bombe-explose-dans-un-bureau-du-gouvernement-local-%C3%A0-mogadiscio/2143143>

Reported: 12/02/2021

Somalia

VBIED

Event – Checkpoint outside presidential palace hit.

Summary – 3 people were killed and 8 were wounded by the blast of a Vehicle-Borne Improvised Explosive Device targeting a checkpoint outside the presidential palace in the Sayidka area of Mogadishu.

Source: <https://alwatannews.net/article/924815/Arab/-عملية-انتحارية-في-الصومال-ومواجهة-مع-الشرطة>

Reported: 13/02/2021

Mali

IED

Event – 2 soldiers killed on highway.

Summary – 2 Malian soldiers were killed as a mission escort vehicle hit an Improvised Explosive Device on the highway in Dioura, Mopti region.

Source: <https://www.urdupoint.com/en/world/two-malian-soldiers-killed-in-highway-blast-1168693.html>

Reported: 15/02/2021

Nigeria

IED

Event – 7 teenage girls killed.

Summary – 7 teenage girls from Magamin Diddi village in Maradun Local Government Area of Zamfara State were killed when an object believed to be an Improvised Explosive Device went off.

Source: <https://punchng.com/explosion-kills-seven-teenage-girls-in-zamfara/>

Reported: 16/02/2021



EXPLOSIVES



Uganda

UXO

Event – 6 children killed and 5 others injured.

Summary – 6 children were killed and 5 others sustained serious injuries after an explosive device went off at Maji II Refugee Settlement; 3 of the children died on spot while 3 others died at the hospital.

Source: <https://allafrica.com/stories/202102180617.html>

Reported: 18/02/2021

Somalia

IED

Event – Killed and wounded as local government official was hit.

Summary – 2 people were killed and several others, including civilians, were wounded as an Improvised Explosive Device targeted a vehicle carrying a local government official near Bal'ad checkpoint in Mogadishu.

Source: <https://nation.com.pk/21-Feb-2021/bomb-blast-kills-at-least-2-in-somali-capital>

Reported: 21/02/2021

Nigeria

IED

Event – 7 members of the National Electoral Commission killed.

Summary – 7 members of the National Electoral Commission of Niger were killed and 3 others were seriously wounded as an Improvised Explosive Device went off in their car while going to their polling stations.

Source: <https://www.shorouknews.com/news/view.aspx?cdate=21022021&id=d18eba5e-5346-4b07-aa8f-218066572d73>

Reported: 21/02/2021

Somalia

PBIED

Event – Mall targeted by suicide bomber.

Summary – Suicide bomber has blown himself up between the Mogadishu Mall and the Hamar Weyne District Police Station in Mogadishu; there was no immediate confirmation of casualties in the aftermath of the blast.

Source: <https://www.trtworld.com/africa/suicide-bomber-targets-mall-in-somalia-s-mogadishu-44433>

Reported: 23/02/2021



EXPLOSIVES



Nigeria

IED

Event – 10 killed and 60 others injured.

Summary – 60 persons were injured and 10 were killed by the blast of a motorcycle Improvised Explosive Device in Maiduguri, capital of Borno; the blast caused panic among residents as they scampered for safety.

Source: <https://www.sunnewsonline.com/maiduguri-explosions-zulum-confirms-10-killed-50-injured/>

Reported: 24/02/2021

Burkina Faso

IED

Event – 2 women killed by explosion.

Summary – 2 women were killed by the blast of an Improvised Explosive Device as their vehicle was targeted on the road in Mansila, Yaga province in the north of the Country.

Source: <https://www.dostor.org/3370020>

Reported: 24/02/2021

Libya

UXO

Event – Person killed and 5 others injured.

Summary – Unexploded ordnance went off in front of the gate of the vital facilities camp in Ben Gascir, killing one person and injuring 5 others.

Source: <https://akhbarlibya24.net/2021/02/24/مقتل-شخص-وإصابة-آخرين-في-انفجار-أمام-بو>

Reported: 24/02/2021



ASIA NEWS ON CBRNE EVENTS

This section gathers news collected from sources related to the Asian continent, including the Middle East region, proposed in chronological order. The section is organized in four sections, according to news availability:

- chemical
- biological
- radiological and nuclear
- explosives





CHEMICALS



China

Paraxylene Production

Event – China's self-sufficiency in Paraxylene to impact chemical shipping market in 2021.

Summary – Paraxylene is the second-largest organic chemical carried by chemical tankers. In 2020, Paraxylene comprised 17.1% in the total organics seaborne trade. However, trade volumes have been declining since 2018 due to the expansion of Chinese domestic capacity. China is the world's largest importer of Paraxylene but in 2021 imports are expected to fall by 10% as the country's domestic production capacity will grow by 9.8 million tonnes.

Source: <https://www.hellenicshippingnews.com/chinas-self-sufficiency-in-paraxylene-to-impact-chemical-shipping-market-in-2021/>

Reported: 16/02/2021

Japan

Chemical Technology

Event – Mitsubishi Chemical to consolidate water treatment membrane operations.

Summary – Mitsubishi Chemical Corp. (MCC; Tokyo) announced that it will transfer to its own operations and consolidate its membrane-related technology development and sales currently undertaken by its subsidiary Mitsubishi Chemical Aqua Solutions.

Source: <https://www.chemengonline.com/mitsubishi-chemical-to-consolidate-water-treatment-membrane-operations/>

Reported: 16/02/2021

China-Mexico

Fertilizer Export

Event – New sea route for fertilizer export to link north China, Mexico.

Summary – Huangye Port in north China's Hebei Province will open a new sea route to Mexico to facilitate the export of fertilizers.

Source: <https://www.bignewsnetwork.com/news/267871122/new-sea-route-for-fertilizer-export-to-link-north-china-mexico>

Reported: 19/02/2021



CHEMICALS



China

Methanol Plant

Event – First commercial Co₂-to-Methanol plant underway in China.

Summary – Located in Anyang, China, the new CO₂-to-Methanol plant will recycle 160,000 tons of CO₂ per year. Foundation work for the project is currently ongoing and Methanol production will commence this year.

Source: <https://www.process-worldwide.com/first-commercial-co2-to-methanol-plant-underway-in-china-a-1001705/>

Reported: 19/02/2021

China

Chemical Accident

Event – 5 died after accident in northeast China chemical fiber plant.

Summary – 5 people were killed due to inhaling toxic gases after an accident occurred at a chemical fiber plant in the city of Jilin, northeast China's Jilin Province.

Source:

https://azertag.az/en/xeber/5_died_after_accident_in_northeast_China_chemical_fiber_plant-1723507

Reported: 28/02/2021



BIOLOGICAL



UAE

Biotechnology

Event – United Arab Emirates ranks first in MEA region for FDI in biotechnology sector.

Summary – The UAE has been ranked first in the Middle East and Africa region in terms of the number of new foreign direct investment (FDI) projects in the country's biotechnology sector. The UAE was also ranked third in the region in terms of the volume of capital invested in these projects during the period from 2003 to 2020, according to a Wam report.

Source: http://www.tradearabia.com/news/IND_378905.html

Reported: 17/02/2021

Israel

CBN

Event – Israel's updated export control list of Chemical, Biological and Nuclear related items.

Summary – The Israeli Ministry of Economy and Industry (MOE) recently announced its updated export control list of chemical, biological and nuclear-related items.

Source: <https://www.lexology.com/library/detail.aspx?g=6917ea7d-37e5-4c18-a672-99439c7bcb84>



RADIOLOGICAL AND NUCLEAR



Iran

Nuclear Agreement

Event – Iran will reverse nuclear steps if US lifts all sanctions.

Summary – “Iran will return to its JCOPA obligations once the US fully lifts its sanctions in action and not in words or on paper, and once the sanction relief is verified by Iran,” Ayatollah Khamenei said during a meeting with commanders, pilots, and staff members of the Islamic Republic of Iran Air Force (IRIAF).

Source: <https://www.tehrantimes.com/news/457868/Leader-Iran-will-reverse-nuclear-steps-if-U-S-lifts-all-sanctions>

Reported: 07/02/2021

Iran-North Korea

Missiles Cooperation

Event – Iran, N. Korea resumed missile collaboration in 2020: UN report.

Summary – North Korea and Iran resumed cooperation on the development of long-range missiles in 2020, according to a UN report that also confirmed Pyongyang continues to violate various nuclear resolutions.

Source:

https://www.spacewar.com/reports/Iran_N_Korea_resumed_missile_collaboration_in_2020_UN_report_999.html

Reported: 09/02/2021

China

Nuclear Development

Event – China's self-developed third-gen nuclear reactor put into commercial operation.

Summary – China's first nuclear power unit using Hualong One, a domestically designed third-generation nuclear reactor, has entered commercial operation.

Source: <http://en.people.cn/n3/2021/0210/c90000-9818054.html>

Reported: 10/02/2021



RADIOLOGICAL AND NUCLEAR



Iran

Nuclear Development

Event – Iran produces uranium metal, IAEA says.

Summary – Iran has carried out its plan to produce uranium metal, the UN atomic watchdog confirmed on Wednesday, despite Western powers having warned Iran that would breach their 2015 nuclear deal as uranium metal can be used to make the core of an atom bomb.

Source: <https://www.reuters.com/article/us-iran-nuclear-iaea/iran-produces-uranium-metal-iaea-says-in-latest-breach-of-deal-idUSKBN2AA2P6>

Reported: 10/02/2021

Iran-Israel

Nuclear Scientist Killed

Event – Iranian nuclear scientist killed by one-ton automated gun in Israeli.

Summary – The Iranian nuclear scientist assassinated near Tehran in November was killed by a one-ton gun smuggled into Iran in pieces by the Israeli intelligence agency Mossad, according to a report by The Jewish Chronicle.

Source: <https://www.reuters.com/article/us-iran-nuclear-scientist/iranian-nuclear-scientist-killed-by-one-ton-automated-gun-in-israeli-hit-jewish-chronicle-idUSKBN2AA2RC>

Reported: 10/02/2021

Iran

IAEA Inspections

Event – Iran set to restrict IAEA access to nuclear sites.

Summary – Iran has informed the International Atomic Energy Agency that it will stop implementing 'voluntary transparency measures' under the 2015 nuclear deal. Specifically, Tehran says it will halt snap nuclear inspections outside of its declared sites as of 23 February.

Source: <https://www.world-nuclear-news.org/Articles/Iran-set-to-restrict-IAEA-access-to-nuclear-sites>

Reported: 17/02/2021



RADIOLOGICAL AND NUCLEAR



Israel-USA

Ballistic Missile Development

Event – Israel, US to develop ballistic missile shield.

Summary – 3 members of the Iran-backed Popular Mobilization Forces (PMF) were killed yesterday and five others were wounded during clashes with Islamic State fighters in the north-eastern governorate of Diyala, the PMF has said.

Source: <https://www.middleeastmonitor.com/20210218-israel-us-to-develop-ballistic-missile-shield/>

Reported: 18/02/2021

Iran

Uranium Traces

Event – IAEA found uranium traces at 2 sites Iran barred it from, sources say.

Summary – The UN nuclear watchdog found uranium particles at 2 Iranian sites it inspected after months of stonewalling, diplomats say, and it is preparing to rebuke Tehran for failing to explain, possibly complicating US efforts to revive nuclear diplomacy.

Source: <https://www.reuters.com/article/us-iran-nuclear-iaea/exclusive-iaea-found-uranium-traces-at-two-sites-iran-barred-it-from-sources-say-idUSKBN2AJ269> Reported: 19/02/2021

Iran

Missile Test

Event – Iran's Army test fires short-range 'smart' missile.

Summary – The report by the official IRNA news agency quoted the chief of the Army's ground forces, Gen. Kioumars Heidari, as saying that the missile's range was 300 kilometers, or 186 miles.

Source: <https://abcnews.go.com/International/wireStory/irans-army-test-fires-short-range-smart-missile-75892245>

Reported: 19/02/2021



RADIOLOGICAL AND NUCLEAR



Iran

Nuclear Programme

Event – Iran suspends implementation of Additional Protocol, limits inspections of its nuclear programme.

Summary – On 23 February Iran suspended the implementation of the Additional Protocol (AP) and all supplementary inspection provisions granted to the International Atomic Energy Agency (IAEA) beyond the Comprehensive Safeguards Agreement (CSA), as mandated by the Iranian Parliament through a law passed in December 2020. The suspension restricts the scope of IAEA inspections at Tehran's nuclear facilities in violation of the Joint Comprehensive Plan of Action (JCPOA).

Source: <https://www.janes.com/defence-news/news-detail/iran-suspends-implementation-of-additional-protocol-limits-inspections-of-its-nuclear-programme>
Reported: 23/02/2021

Iran

Enriched Uranium Production

Event – Iran producing highly enriched uranium faster than law requires.

Summary – Iran is producing highly-enriched uranium faster than called for by the law under which it started the process of enriching to 20% fissile purity last month, diplomats and a report by the UN nuclear watchdog said.

Source: <https://www.middleeastmonitor.com/20210223-iran-producing-highly-enriched-uranium-faster-than-law-requires/>
Reported: 23/02/2021

Israel

Nuclear Plant

Event – Secret Israeli nuclear facility undergoes major work.

Summary – An Israeli secret nuclear facility at the centre of the nation's undeclared atomic weapons programme is undergoing what appears to be its biggest construction project in decades, satellite photos analysed by The Associated Press show.

Source: http://www.jamaicaobserver.com/international/secret-israeli-nuclear-facility-undergoes-major-work_215744?profile=1457
Reported: 26/02/2021



EXPLOSIVES



Afghanistan

VBIED

Event – Minister of State for Peace Affairs targeted.

Summary – Car bomb exploded at Kabul PD10, near the office of Afghanistan's Minister of State for Peace Affairs; the blast targeted an armoured vehicle belonging to the head of Minister's office in Kabul.

Source: <https://timesofindia.indiatimes.com/world/south-asia/afghanistan-car-bomb-explosion-targets-peace-affairs-ministry-official-in-kabul/articleshow/80623725.cms>
Reported: 01/02/2021

Syria

IED

Event – Person killed and 3 others injured.

Summary – 1 person was killed and 3 others were injured by the blast of an Improvised Explosive Device placed within a car in the industrial zone on the outskirts of Al-Bab city, eastern countryside of Halab.

Source: <https://www.dostor.org/3346720>
Reported: 02/02/2021

Iraq

IED

Event – Liquor store damaged.

Summary – Improvised Explosive Device targeted a liquor store within Yarmouk region in Baghdad, causing material damages without human injuries.

Source: <https://www.alsharqiya.com/ar/news/two-separate-explosions-target-an-alcoholic-beverage-store-in-baghdad>
Reported: 02/02/2021

Afghanistan

Sticky IEDs

Event – Head of the Central Council of Jamiat-e-Eslah killed.

Summary – 2 people including head of the Central Council of Jamiat-e-Eslah religious organization were killed and eight others wounded in four sticky Improvised Explosive Device blasts in Kabul.

Source: <http://www.afghanistantimes.af/two-killed-eight-injured-in-four-explosions-in-kabul/>
Reported: 02/02/2021



EXPLOSIVES



Afghanistan

Magnetic IED

Event – Policeman killed and 3 others injured.

Summary – Policeman was killed and 3 others were injured by the blast of a magnetic Improvised Explosive Device as the explosion targeted a police car in Tangi Tarakhil area in PD15 in Kabul.

Source: <https://www.shorouknews.com/news/view.aspx?cdate=03022021&id=429c5e86-a8de-44d3-985b-45e9cfa05174>

Reported: 03/02/2021

Iraq

IED

Event – Vehicle hit during military operations.

Summary – Improvised Explosive Device targeted a vehicle's wheel during its participation in the military operations to pursue terrorists of Islamic State in the Khana oil region east of Baquba.

Source: <https://hathalyoum.net/articles/2613491--انفجار-عبوة-ناسفة-على-عجلة-تابعة-للحشد-الشعبي-في-ديالى>

Reported: 03/02/2021

Afghanistan

VBIED

Event – 4 security force members killed and 3 wounded.

Summary – 4 security force members were killed and 3 others were wounded by the blast of a car bomb attack on a security check-point in the city of Tarin Kot, Oruzgan province.

Source: <https://tolonews.com/afghanistan-169729>

Reported: 03/02/2021

Syria

IED

Event – Shop at city center targeted.

Summary – Improvised Explosive Device went off inside a shop of a city center in the northern Ras al-Ayn province; no casualties were reported.

Source: <https://en.haberler.com/twin-blasts-hit-northern-syrian-district-of-ras-al-1560269/>

Reported: 03/02/2021



EXPLOSIVES



India

IEDs

Event – Primary school damaged by twin blasts.

Summary – Muliwala Lower Primary School on the Assam side of the inter-state border in Assam's Hailakandi district located near the Mizoram border was damaged by the blast of 2 Improvised Explosive Devices.

Source: <https://www.hindustantimes.com/india-news/bomb-blasts-damage-school-in-assam-s-hailakandi-district-near-mizoram-border-101612358228678.html>

Reported: 03/02/2021

Syria

Motorcycle IED

Event – Several injured at headquarters of local factions.

Summary – Motorcycle improvised explosive device went off in the headquarters of local factions working for the 4th Division in Al-Muzayreb town, western Dara'a, injuring several members.

Source: <https://www.syriahr.com/en/203443/>

Reported: 03/02/2021

Iraq

Roadside IED

Event – US-led military coalition's vehicle hit.

Summary – Any casualties as an explosion occurred in the al-Lahis district of Basra province when a roadside Improvised Explosive Device went off near a vehicle belonging to the US-led military coalition.

Source: <https://www.presstv.com/Detail/2021/02/04/644551/Roadside-bombs-hit-US-led-coalition-convoys-in-central-southern-Iraq-Reports>

Reported: 04/02/2021

Syria

IED

Event – Engineering division Police officer killed.

Summary – Turkish officer from the engineering division of the Police station was killed in Al-Bab city by the blast of an Improvised Explosive Device during its dismantling in the area of the new market of Al-Hal.

Source: <https://www.enabbaladi.net/archives/455601>

Reported: 04/02/2021



EXPLOSIVES



Iraq

Roadside IED

Event – Logistic support convoy targeted.

Summary – Roadside Improvised Explosive Device targeted a logistic support group belonging to the international alliance on Babylon highway, south of Baghdad, without injuries or damages.

Source: <https://www.alsharqiya.com/ar/news/targeting-a-convoy-contracted-with-the-international-coalition-in-babylon>

Reported: 04/02/2021

Yemen

UXO

Event – 3 children injured while playing.

Summary – 3 Yemeni children were injured while playing by the blast of a remnant cluster bomb in Mizz department of Sa'da governorate.

Source: <http://www.sana.sy/?p=1310163>

Reported: 05/02/2021

Pakistan

IED

Event – Killed and wounded near deputy commissioner's office.

Summary – Improvised Explosive Device went off near the office of the deputy commissioner of the government in the southwestern Pakistani city of Quetta, killing at two people and wounding five.

Source: <https://www.taiwannews.com.tw/en/news/4121183>

Reported: 05/02/2021

Pakistan

IED

Event – 2 killed and 2 wounded during pro-Kashmir rally.

Summary – 2 people were killed and 2 were wounded by the blast of an Improvised Explosive Device during a pro-Kashmir rally in Pakistan's southwest; the demonstration was held to mark Kashmir Solidarity Day.

Source: <https://www.dhakatribune.com/world/south-asia/2021/02/05/two-killed-in-bombing-at-pro-kashmir-rally-in-pakistan>

Reported: 05/02/2021



EXPLOSIVES



Pakistan

Grenade

Event – 16 persons injured including 2 children.

Summary – 16 persons were injured by a grenade blast on a road in Sibe city, Balochistan region; injured victims were taken to the hospital, including 2 children and four others in a critical health state.

Source: <https://www.dostor.org/3349412>

Reported: 05/02/2021

Iraq

Roadside IED

Event – 2 citizens wounded as vehicle hit.

Summary – Roadside Improvised Explosive Device targeted a vehicle carrying a vegetables seller, in the old city on the right coast of Mosul, wounding two citizens.

Source: <https://mangish.net/إصابة-شخصين-بانفجار-عبوة-من-مخلفات-داع>

Reported: 06/02/2021

India

HME

Event – Female wild boar killed by avuttukkai.

Summary – Female wild boar died at Narasipuram with injuries to its mouth, after an avuttukkai home-made explosive device went off as suspected by forest department officials.

Source: <https://timesofindia.indiatimes.com/city/coimbatore/injured-wild-boar-dies-at-narasipuram/articleshow/80714474.cms>

Reported: 06/02/2021

Afghanistan

IED

Event – 2 members of Sikh community killed.

Summary – Improvised Explosive Device's blast targeted a store in Bagh-e-Qazi area of Kabul, causing its collapse and killing 2 members of the minority Sikh community, while others were wounded.

Source: <https://www.sfgate.com/news/article/Afghan-officials-Separate-blasts-in-Kabul-kill-15929771.php>

Reported: 06/02/2021



EXPLOSIVES



Afghanistan

Sticky IED

Event – Police officer killed.

Summary – Sticky Improvised Explosive Device, attached to a Police car, went off in northern Kabul killing a police officer and injuring others.

Source: <https://www.sfgate.com/news/article/Afghan-officials-Separate-blasts-in-Kabul-kill-15929771.php>

Reported: 06/02/2021

India

IED

Event – Thachanallur Police station hit.

Summary – 3 home-made explosive devices were hurled in Thachanallur Police station in Tirunelveli city, while a community leader visited the station to register his signature; two of them went off causing damages.

Source: <https://timesofindia.indiatimes.com/city/madurai/tamil-nadu-unidentified-persons-hurl-country-made-bombs-at-police-station-in-tirunelveli-city/articleshow/80735938.cms>

Reported: 07/02/2021

Iraq

Roadside IED

Event – US convoy targeted on its path.

Summary – US convoy carrying military logistics equipment in Musayib town of Babylon Province, central Iraq, was targeted on its path by a roadside Improvised Explosive Device.

Source: <https://en.mehrnews.com/news/169624/US-convoy-targeted-in-Iraq-s-Babylon-Province>

Reported: 07/02/2021

Afghanistan

Roadside IED

Event – 2 policemen and 3 civilians wounded.

Summary – Roadside Improvised Explosive Device's blast targeted a Police vehicle in the city of Jalalabad in which 2 policemen and 3 civilians were wounded.

Source: <https://tolonews.com/afghanistan-169816>

Reported: 07/02/2021



EXPLOSIVES



Iraq

IED

Event – Liquor store targeted.

Summary – Improvised Explosive Device placed near a liquor store detonated within Al-Wahda district in the capital Baghdad; the accident did not report any casualties.

Source: <https://hathalyoum.net/articles/2616674-&039;ناسفة&039;--تستهدف محلاً لبيع المشروبات>

Reported: 07/02/2021

Afghanistan

VBIED

Event – Police officer killed at checkpoint.

Summary – Vehicle borne Improvised Explosive Device went off next to a police checkpoint in the Shamala district of Khujjani, Nangarhar province east of the Country, killing a Police officer.

Source: <https://www.almanar.com.lb/7827635>

Reported: 07/02/2021

Afghanistan

Magnetic IED

Event – Driver of head of TAPI project wounded.

Summary – Magnetic Improvised Explosive Device hit the vehicle of the head of the TAPI project at the Ministry of Mines and Petroleum in Macrorayan-e-Char area in Kabul's PD9, wounding the driver and a civilian.

Source: <https://thefrontierpost.com/three-blasts-hit-kabul-2-bodies-found-in-deh-sabz/>

Reported: 07/02/2021

Yemen

UXO

Event – Child killed and 2 others injured.

Summary – Yemeni child was killed and 2 others were injured in the town of Henna, Na'an district in Sanaa governorate, due to the blast of an unexploded ordnance device.

Source: <https://www.alalamtv.net/news/5429148/>

Reported: 08/02/2021



EXPLOSIVES



Afghanistan

Roadside IED

Event – Car of Deputy Minister of Agriculture for Administrative and Financial Affairs hit.

Summary – Roadside Improvised Explosive Device targeted the car of Deputy Minister of Agriculture for Administrative and Financial Affairs in a town west of the capital Kabul; the explosion did not result in injuries.

Source: <https://www.dostor.org/3352518>

Reported: 08/02/2021

Iraq

IED

Event – Liquor store targeted by explosive device.

Summary – Improvised Explosive Device targeted a liquor store near the corniche in Al-Aazamiya, north of Baghdad; the accident did not result in any injuries.

Source: <https://hathalyoum.net/articles/2618112--عبوة-ناسفة-تتسهدف-محلاً-لبيع-المشروبات-الكحولية-شمالي>

Reported: 08/02/2021

Afghanistan

Roadside IED

Event – Service members of the intelligence agency killed and injured.

Summary – Service member of the intelligence agency was killed and 5 of his colleagues were wounded as a roadside Improvised Explosive Device hit their vehicle in Parwan province, north of Kabul.

Source: <http://www.afghanistantimes.af/one-killed-five-wounded-in-parwan-bomb-blast/>

Reported: 08/02/2021

Iraq

Roadside IED

Event – Alliance convoy hit on highway.

Summary – Roadside Improvised Explosive Device went off while crossing a logistic support group convoy belonging to the alliance, on Al-Diwaniya highway, without injuries or damages.

Source: <https://www.alsumaria.tv/news/>

Reported: 08/02/2021



EXPLOSIVES

Yemen

IED

Event – Aden's Camp Badr area hit.

Summary – Strong explosion occurred outside Camp Badr near Aden International Airport; details remain unclear, however, armed clashes have regularly erupted in Aden and the surrounding areas in recent days.

Source: <https://www.garda.com/crisis24/news-alerts/440801/yemen-strong-explosion-reported-near-aden-international-airport-late-feb-9>

Reported: 09/02/2021

Afghanistan

Roadside IED

Event – 4 Afghan special force members killed.

Summary – 4 members of the Afghan General Protection Force were killed and another was wounded by the blast of a roadside Improvised Explosive Device on the Herat-Islam Qal highway.

Source: <https://www.alittihad.ae/news/4163385/>

Reported: 09/02/2021

Afghanistan

IED

Event – 2 wounded on a targeted vehicle.

Summary – Explosion has been reported in the Kabul Camp area of Police District 9 in Jalalabad; the blast caused by an Improvised Explosive Device targeted a vehicle and wounded 2 people.

Source: <https://www.garda.com/crisis24/news-alerts/440991/afghanistan-at-least-two-people-wounded-in-explosion-in-police-district-9-area-of-jalalabad-afternoon-of-feb-10>

Reported: 10/02/2021

Afghanistan

IED

Event – Explosion near Kabul's Serena Hotel.

Summary – Explosion occurred near the Serena Hotel in the Police District 2 area of Kabul; the blast was reportedly caused by an Improvised Explosive Device and no casualties have been reported.

Source: <https://www.garda.com/crisis24/news-alerts/441056/afghanistan-explosion-near-the-serena-hotel-in-police-district-2-area-of-kabul-afternoon-of-feb-10>

Reported: 10/02/2021



EXPLOSIVES



Syria

Roadside IED

Event – Several FDS members injured.

Summary – Several armed members of the Syrian Democratic Forces (SDF) were injured by the blast of a roadside Improvised Explosive Device targeting their vehicle in the east of the province of Al-Hasakah.

Source: <http://www.sana.sy/es/?p=169007>

Reported: 10/02/2021

Afghanistan

Roadside IED

Event – Police chief and 2 bodyguards killed.

Summary – Police chief of Kabul's Police District 5 was killed by the blast of a roadside Improvised Explosive Device that targeted his vehicle in Kabul's Baraki area; 2 of his bodyguards were also killed by the explosion.

Source: <https://thefrontierpost.com/police-chief-killed-in-kabul-blast/>

Reported: 10/02/2021

Syria

Grenade

Event – Material damage only at Asaish center.

Summary – Unknown assailants on a motorcycle threw a grenade inside the fence of the Asaish center near the entrance to the town of Al-Rmilan (Karki Laki) in Al-Hasakah countryside, causing material damage only.

Source: <https://www.syriahr.com/en/204623/>

Reported: 11/02/2021

Iraq

Roadside IED

Event – Convoy carrying equipment hit.

Summary – Roadside Improvised Explosive Device hit a convoy carrying equipment of the US-led military coalition south of Baghdad, on the highway in the town of Latifiya; the blast did not cause any casualties.

Source: <https://www.globalsecurity.org/wmd/library/news/iraq/2021/iraq-210211-presstv02.htm>

Reported: 11/02/2021



EXPLOSIVES



Syria

IED

Event – Explosion in the countryside.

Summary – Improvised Explosive Device went off in the surroundings of Khan Arnba town in the countryside of Quneitra, southwest of the country; the explosion did not result in injuries or damages.

Source: <https://www.shorouknews.com/news/view.aspx?cdate=12022021&id=6597a66c-1b07-4036-94cb-2aad33a00770>

Reported: 12/02/2021

Iraq

IED

Event – Officer and 4 soldiers injured.

Summary – Officer and 4 soldiers were injured by the blast of an Improvised Explosive Device in the area of Tall al-Bag in Ash Sharqat.

Source: <https://hathalyoum.net/articles/2620706--عاجلة-إصابة-ضابط-و4-جنود-بانفجار-عبوة-ناسفة-في-منطقة>

Reported: 12/02/2021

Iraq

IED + Pyrotechnics

Event – Dozens killed and wounded.

Summary – Dozens of people were killed and wounded in an Improvised Explosive Device attack on a special fireworks factory in Ferodonajar region in Tamil Nadu State, southern India.

Source: <https://samanews.ps/ar/post/456224/>

Reported: 12/02/2021

Syria

UXO

Event – Child killed in rural area.

Summary – 6-year-old boy was killed by the blast of an old landmine in Aayid, western Al-Raqqah.

Source: <https://www.syriahr.com/en/204660/>

Reported: 12/02/2021



EXPLOSIVES

Syria

IED

Event – Civilian killed and 12 injured at the market.

Summary – Civilian was killed and 12 others were injured by the blast of a car Improvised Explosive Device in a crowded market in Kobane town, Aleppo province; shops in the area were heavily damaged by the blast.

Source: <https://en.haberler.com/1-dead-12-hurt-in-northern-syria-terror-attack-1564371/>
Reported: 13/02/2021

Afghanistan

IED

Event – 30 Taliban militants killed while training.

Summary – 30 Taliban militants, busy with receiving training in Qalta village, were killed as their own Improvised Explosive Device went off inside a mosque in Dawlatabad district of the northern Balkh province.

Source: <http://english.sina.com/world/as/2021-02-13/detail-ikftssap5660361.shtml>
Reported: 13/02/2021

Afghanistan

VBIED

Event – 7 injured at security checkpoint.

Summary – Vehicle-Borne Improvised Explosive Device's blast targeted an afghan security checkpoint in Kandahar region, south of Afghanistan, injuring seven persons.

Source: <https://mangish.net/في-انفجار-سيارة-مفخخة-استهدف-موق7إصابة>
Reported: 13/02/2021

Afghanistan

IED

Event – 5 policemen killed.

Summary – 5 afghan policemen were killed by the blast of an Improvised Explosive Device that targeted their car in Chaba Dara province, Konar state.

Source: <https://www.addustour.com/articles/1199111-عناصر-شرطة-في-تفجير5أفغانستان-مقتل>
Reported: 13/02/2021



Reported: 13/02/2021

Reported: 13/02/2021

Reported: 13/02/2021

Reported: 14/02/2021



EXPLOSIVES



Syria

IED

Event – 6 civilians injured.

Summary – 6 civilians were injured and great material damage in the area was caused by the explosion of a car improvised device in the town of Ginderes, Afrin region in the north-western countryside of Halab.

Source: <https://www.alalamtv.net/news/5440873/>

Reported: 14/02/2021

Syria

IED

Event – Explosion near local Council.

Summary – Improvised Explosive Device hit a place near the local Council in Al-Fa'a town, located in eastern Idlib; the explosion resulted in material damages without information about casualties.

Source: <https://elfagr.news/4137432>

Reported: 14/02/2021

Iraq

IED

Event – Soldier killed and 2 others injured.

Summary – Improvised Explosive Device targeted an army patrol in a village south of Dacq district, south of Kirkuk governorate, killing a soldier of the 11th Brigade of 4th Division and injuring two others.

Source: <https://hathalyoum.net/articles/2623010-استشهاد-جندي-و-إصابة-2-آخرين-بانفجار-عبوة>

Reported: 15/02/2021

Iraq

Roadside IED

Event – Convoy of trucks carrying equipment hit.

Summary – Roadside Improvised Explosive Device went off near a convoy of trucks carrying logistics and military equipment belonging to the military coalition in al-Rasheed district of the southern Baghdad neighborhood of Yusufiya.

Source: <https://www.presstv.com/Detail/2021/02/15/645353/Roadside-bomb-hits-US-led-coalition-trucks-south-of-Iraq-Baghdad-officer-injured>

Reported: 15/02/2021



EXPLOSIVES

Iraq

Roadside IED

Event – Army associate killed and 2 others injured.

Summary – Roadside Improvised Explosive Device went off as a vehicle passed through Wadi Heshisha, south of Kirkuk governorate, killing an Army associate and injuring 2 others.

Source: <https://mangish.net/ناسفة-تودي-بحياة-منسب-بالجيش-وتصيب-اثن>

Reported: 15/02/2021

Palestine

IED

Event – Child wounded by low-explosive device.

Summary – 10-year-old boy was wounded by the blast of an improvised low-explosive device near the grave area of Aqaba Jabr refugee camp in the southern town of Jericho.

Source: <https://www.shasha.ps/news/349460.html>

Reported: 15/02/2021

Syria

IED

Event – Civilian killed and 3 others injured.

Summary – Civilian was killed and 3 others were injured by the blast of a car Improvised Explosive Device in an industrial zone in the city of al-Bab; shops and other vehicles in the area were heavily damaged.

Source: <https://en.haberler.com/1-civilian-dead-3-hurt-in-nw-syria-terror-attack-1565654/>

Reported: 16/02/2021

Afghanistan

Roadside IED

Event – 7 Police personnel killed.

Summary – Roadside Improvised Explosive Device targeting a military convoy killed 7 Police personnel in Almar district of northern Faryab province; the blast was followed with a clash between security and talibans.

Source: <http://www.afghanistantimes.af/faryab-blast-leaves-7-policemen-dead/>

Reported: 16/02/2021



EXPLOSIVES



Afghanistan

IED

Event – 2 people injured by blast.

Summary – 2 people have been injured by the blast of a magnetic Improvised Explosive Device in Kabul.

Source: <https://en.mehrnews.com/news/170049/Bomb-blast-leaves-2-injured-in-Afghanistan>

Reported: 16/02/2021

India

IED

Event – Policeman killed by explosive device.

Summary – Policeman died at Ranchi hospital while he was being treated for injuries sustained when an improvised explosive device Improvised Explosive Device went off during a search operation at Dundru forest in Lohardaga district.

Source: <https://timesofindia.indiatimes.com/city/ranchi/cop-martyred-as-bomb-planted-by-maoists-explodes-in-lohardaga-forest/articleshow/81004513.cms>

Reported: 17/02/2021

Afghanistan

Roadside IED

Event – 2 policemen killed and 3 others injured.

Summary – 2 policemen were killed on the spot and 3 others were injured as a roadside Improvised Explosive Device struck a van on the Herat-Islam Qala highway in the western Herat province.

Source: <http://english.sina.com/world/as/2021-02-17/detail-ikftssap6179779.shtml>

Reported: 17/02/2021

Syria

IED

Event – 2 SDF militants killed.

Summary – Improvised Explosive Device went off as a military car belonging to the Syrian Democratic Forces militia was passing on the road leading to Abu Wheil village, north of Al-Raqqa, killing 2 militants.

Source: <http://www.sana.sy/?p=1317851>

Reported: 17/02/2021



EXPLOSIVES



Iraq

Roadside IED

Event – International coalition convoy targeted.

Summary – Roadside Improvised Explosive Device targeted an international coalition logistics support convoy on the Al Nasiriyah Highway with no casualties.

Source: <https://hathalyoum.net/articles/2625103--استهداف-رتل-لدعم-التحالف-الدولي-بعبوة-ناسفة-على-طريق>

Reported: 17/02/2021

India

IED

Event – West Bengal Minister injured.

Summary – West Bengal Minister of State for Labour Jakir Hossain was injured by the blast of an Improvised Explosive Device in Murshidabad district, when he was boarding a train to Kolkata at Nimtita Railway station.

Source: <https://www.thehindu.com/news/national/other-states/west-bengal-minister-injured-in-bomb-attack-in-murshidabad/article33865584.ece>

Reported: 17/02/2021

Afghanistan

IED

Event – Professor at Kabul University killed.

Summary – Professor at Kabul University was killed with another person by the blast of an Improvised Explosive Device that targeted his car in Kabul.

Source: <https://www.shasha.ps/news/349609.html>

Reported: 18/02/2021

Lebanon

Port Explosion

Event – Lebanese court removes lead investigator into port explosion.

Summary – Lebanon's highest court decided to remove the Chief Prosecutor investigating last year's massive Beirut port explosion, following legal challenges by senior officials he had accused of negligence that led to the blast, a judicial official and the country's official news agency said.

Source: <https://apnews.com/article/middle-east-lebanon-courts-beirut-explosions-bc6ff5753804136491a4166f8570c16d>

Reported: 18/02/2021



EXPLOSIVES



Iraq

IED

Event – Support member of international coalition convoy wounded.

Summary – Improvised Explosive Device went off as an international coalition logistic support convoy crossed the Diwaniya highway in the north of the country, wounding a support member and damaging a bus.

Source: <http://www.sana.sy/?p=1319411>

Reported: 18/02/2021

Pakistan

Roadside IED

Event – Paramilitary soldier killed and another wounded.

Summary – Roadside Improvised Explosive Device went off near a vehicle carrying Pakistani paramilitary troops on the outskirts of Quetta, southwestern Balochistan province, killing a soldier and wounding another.

Source: <https://www.taiwannews.com.tw/en/news/4130692>

Reported: 18/02/2021

Afghanistan

IED

Event – 14 civilians wounded including children.

Summary – 14 civilians including children were injured as a bike Improvised Explosive Device went off in the bicycle parking next to a gas-selling shop in Police District 7 of Kandahar city, capital of southern Kandahar province.

Source: http://www.xinhuanet.com/english/2021-02/19/c_139752404.htm

Reported: 19/02/2021

Pakistan

RC-IEDs

Event – 5 Frontier Corps soldiers killed and 2 others injured.

Summary – 5 Frontier Corps soldiers were killed and 2 others were injured by the blasts of RC-Improvised Explosive Devices on the outskirts of Quetta and in a remote area of Kohlu district in Balochistan province.

Source: <https://menafn.com/1101633122/5-Pakistani-Soldiers-Killed-By-Terrorists-In-Balochistan&source=19>

Reported: 20/02/2021



EXPLOSIVES



Iraq

IED

Event – Commander of Iraqi Hezbollah Brigades killed.

Summary – Commander of the special forces of the Iraqi Hezbollah Brigades was killed by the blast of an Improvised Explosive Device in Babylon governorate, south of the country.

Source: <https://www.alquds.co.uk/مقتل-قائد-القوات-الخاصة-لكتائب-حزب-الله>

Reported: 20/02/2021

Syria

IED

Event – 3 civilians killed, including a child, and 10 others injured.

Summary – 3 civilians, one of them a child, were killed and 10 more were injured by the blast of a motorcycle Improvised Explosive Device in a market of Al Busaira town in the north of the country.

Source: <https://www.notimerica.com/politica/noticia-siria-tres-civiles-muertos-explosion-moto-bomba-norte-siria-20210220184926.html>

Reported: 20/02/2021

Syria

IED

Event – 12 civilians injured.

Summary – 12 civilians were injured by an Improvised Explosive Device in the village of Sajo, located in the northern countryside of Aleppo province near the town of Azaz.

Source: <http://www.sana.sy/es/?p=170122>

Reported: 20/02/2021

Afghanistan

Sticky IEDs

Event – Multiple sticky IED attacks.

Summary – 3 sticky Improvised Explosive Device attacks took place on Darul Aman Street, in the northwestern neighborhood of Karte Parwan in Kabul, killing at least 5 people and wounded 2 others.

Source: <https://www.trtworld.com/asia/multiple-deadly-explosions-hit-afghanistan-s-kabul-44352>

Reported: 20/02/2021



EXPLOSIVES



Afghanistan

Roadside IED

Event – 2 people killed and 5 others wounded.

Summary – 2 people were killed and 5 others were wounded due to the blast of a roadside Improvised Explosive Device: the blast occurred during a busy time near the Baraki roundabout in downtown Kabul.

Source: <https://tolonews.com/afghanistan-170175>

Reported: 21/02/2021

India

IID

Event – CRPF bunker hit by incendiary device.

Summary – Improvised Incendiary Device was hurled at a Central Reserve Police Force bunker in Mehjoor Nagar at Jammu and Kashmir's Srinagar; no casualties have been reported so far.

Source: <https://www.indiatoday.in/india/story/petrol-bomb-crpf-bunker-jammu-and-kashmir-srinagar-1771592-2021-02-21>

Reported: 21/02/2021

Afghanistan

Magnetic IED

Event – 2 PD 4 officers killed.

Summary – Magnetic Improvised Explosive Device targeted a military vehicle in Police Department 4 of Kabul city killing 2 Police officers.

Source: <http://www.afghanistantimes.af/kabul-blast-leaves-two-dead-amid-escalating-security-incidents/>

Reported: 21/02/2021



EXPLOSIVES



Afghanistan

IED

Event – Investigation Bureau manager's house hit.

Summary – Improvised Explosive Device positioned in front of the Investigation Bureau manager's house in Misan governorate went off in the night causing damage to the house without injuries.

Source: <https://akhbarelyom.com/news/newdetails/3268931/1/>

Reported: 21/02/2021

Afghanistan

IED

Event – One killed and 17 injured.

Summary – One person was killed and 17 were injured as an Improvised Explosive Device planted on a motorcycle went off near a Police vehicle in southern Lashkar Gah, the provincial capital of Helmand province.

Source: <http://www.cna.org.cy/webphoto.aspx?a=77473a4602bf42f8b304be9d629a6246>

Reported: 21/02/2021

Pakistan

RC-IED

Event – Tribal elder killed back from bazaar.

Summary – Tribal elder was killed by a remote-controlled Improvised Explosive Device's blast while he was going home from bazaar in Asbal Targhao area in Barang tehsil in Bajaur tribal district.

Source: <https://menafn.com/1101642574/Pakistan-Tribal-elder-killed-in-Bajaur-blast&source=27>

Reported: 22/02/2021

Iraq

IED

Event – Popular cafe hit by explosion.

Summary – Improvised Explosive Device placed near a popular cafe in Ur district, north of the capital Baghdad, went off causing only several material damages.

Source: <https://mustaqila.com/انفجار-عبوة-صوتية-يستهدف-مقهى-في-بغداد/>

Reported: 22/02/2021



EXPLOSIVES



Philippines

IEDs

Event – Policeman and 3 civilians wounded.

Summary – Policeman and 3 civilians were wounded as 2 Improvised Explosive Devices went off along the national highway in Barangay Putiao, Pilar town in Sorsogon province.

Source: <https://www.pna.gov.ph/articles/1131440>

Reported: 22/02/2021

India

Dynamic Blast

Event – 6 men killed in a dynamite blast.

Summary – 6 men were killed in a dynamite blast in Karnataka's Chikkabalapur district while trying to dispose of illegal explosives belonged to a quarry that was closed down on February 7 for not storing them properly.

Source: <https://www.hindustantimes.com/cities/bengaluru-news/6-die-in-dynamite-blast-in-karnataka-second-such-incident-in-a-month-101614057995147.html>

Reported: 23/02/2021

India

IED

Event – TMC workers killed and injured.

Summary – 3 All India Trinamool Congress party workers were sitting on a culvert in Abhirampur village under Narayangarh Police station area when three men came on a motorcycle and hurled an explosive device towards them.

Source: <https://www.news18.com/news/politics/tmc-worker-killed-two-injured-in-bomb-attack-in-poll-bound-bengal-3467177.html>

Reported: 24/02/2021



EXPLOSIVES



Afghanistan

IED

Event – 3 people wounded in Jalalabad.

Summary – Explosion occurred in the Police District 1 area of Jalalabad; the blast was reportedly caused by an Improvised Explosive Device and targeted a vehicle convoy wounding 3 people.

Source: <https://www.garda.com/crisis24/news-alerts/447026/afghanistan-at-least-three-people-wounded-in-an-explosion-in-jalalabad-the-afternoon-of-feb-24>

Reported: 24/02/2021

Iraq

IEDs

Event – 3 explosions but no injuries were reported.

Summary – 2 Improvised Explosive Devices exploded in Qualum region in central Baghdad targeting a liquor store, while the third one exploded in Al-Karadah region, without causing human or material damages.

Source: <http://www.sana.sy/?p=1323359>

Reported: 24/02/2021

Syria

IED

Event – 3 civilians wounded.

Summary – 3 civilians were injured by the blast of a car Improvised Explosive Device in Afrin district, northwestern Syria.

Source: <https://www.aa.com.tr/en/middle-east/syria-3-civilians-wounded-in-bomb-attack-in-afrin/2155230>

Reported: 24/02/2021

Iran

Grenade

Event – Security officer killed.

Summary – Iranian security man was killed in an attack by small arms and grenades on a Police station in the southeastern Iranian city of Zahedan, which witnessed disorders after the killing of fuel smugglers.

Source: <https://mustaqila.com/ایران-مقتل-رجل-أمن-إثر-هجوم-بالقنابل-عل>

Reported: 25/02/2021



EXPLOSIVES



Syria

IED

Event – Killed and wounded at city market.

Summary – 1 was killed and several others were injured by the blast of a car Improvised Explosive Device in the middle of a market located within the area of Naba Al-Salam in Ras Al-Ain city north of Syria.

Source: <https://mangish.net/المرصد-السوري-قتيل-وجرحى-بانفجار-سيار>
Reported: 25/02/2021

Iraq

Roadside IED

Event – International coalition's convoy of trucks targeted.

Summary – Improvised Explosive Device went off targeting a convoy of trucks carrying international coalition's logistical equipment on the Babel highway in southern Iraq; the explosion did not cause human injuries.

Source: <https://www.iraqicp.com/index.php/sections/news/49614-2021-02-25-16-08-02>
Reported: 25/02/2021

Thailand

IED

Event – 2 Rangers volunteers killed and another wounded.

Summary – 2 ranger volunteers were killed and another was wounded by the blast of an Improvised Explosive Device when their foot patrol was attacked in a mountainous forest area of Ra-ngae district.

Source: <https://www.bangkokpost.com/thailand/general/2074387/two-rangers-killed-another-wounded-in-narathiwat-attack>
Reported: 25/02/2021

Afghanistan

VBIED

Event – 6 Public Force members killed and 4 wounded.

Summary – 6 Public Force members were killed and 4 more were wounded in a car bomb attack on a security checkpoint in Qudus Abad village, Kohsan district of the western province of Herat.

Source: <https://tolonews.com/afghanistan-170276>
Reported: 25/02/2021



EUROPE NEWS ON CBRNE EVENTS

This section gathers news collected from sources related to the European continent, in chronological order. The section is organized in four sections, according to news availability,:

- chemical
- biological
- radiological and nuclear
- explosives





CHEMICAL



Europe

CBRN

Event – Experts call for action on chemical and biological security governance after the pandemic.

Status – A new report by six leading experts warns that the international treaties intended to protect the world against the threats of chemical and biological weapons, are in urgent need of strengthening.

The report, Biological and Chemical Security After COVID-19: Options for Strengthening the Chemical and Biological Disarmament and Non-Proliferation Regimes highlights the wide spectrum of chemical and biological threats we face and proposes concrete recommendations for the UK and other States Parties to strengthen the Chemical Weapons Convention (CWC) and the Biological and Toxin Weapons Convention (BTWC) in the lead up to the 9th Five-Year Review Conference of the BTWC in 2021 and the 5th Five Year Review Conference of the CWC in 2023.

Source: <https://www.londonmet.ac.uk/news/articles/experts-call-for-action-on-chemical-and-biological-security-governance-after-the-pandemic/>

Reported 08/02/2021



CHEMICAL



The Netherlands

International Fertilizer Fraud

Event – There were raids in eight locations in Brabant, Limburg and Utrecht in an investigation into cross-border manure fraud.

Summary – Information from separate criminal investigations in the Netherlands and Belgium has led to the suspicion that a number of facilitating companies in these 2 countries are cooperating in fraud with fertilizers, the Netherlands Food and Consumer Product Safety Authority writes in a press release. When livestock farmers produce more fertilizers than they are allowed to use on their own land, they must transport the surplus to manure processors or to arable farmers who still have room to spread manure.

Livestock farmers have to incur costs for this. The suspected intermediaries, transporters and processors presumably manipulate administration and mandatory fertilizer samples.

Source: <https://www.ad.nl/tilburg/grote-controle-naar-internationale-mestfraude-inval-in-esbeek-en-meer-plekken-in-brabant~ab4143dc/>

Reported: 11/02/2021

Denmark-Germany

Chemical Terrorism Charges

Event – Denmark charges 7 with attempted terrorism.

Summary – Prosecutors detained a total of 13 suspects in Denmark and one in Germany, as police seized chemical substances that could have used to make explosives. Prosecutors have charged the seven with "planning one or more terrorist attacks or being accessory to attempted terrorism," and "having acquired ingredients and components for manufacturing explosives as well as firearms or having aided and abetted in the offense".

Source: <https://www.dw.com/en/denmark-charges-seven-with-attempted-terrorism/a-56542573>

Reported: 11/02/2021

Malta

Chemtech Centre

Event – Malta contributes €10,000 to future OPCW centre for chemistry and technology.

Summary – The Government of Malta has contributed €10,000 to a special Organisation for the Prohibition of Chemical Weapons Trust Fund to support the construction of a new facility, the OPCW Centre for Chemistry and Technology ("ChemTech Centre").

Source: <https://www.miragenews.com/malta-contributes-e10000-to-future-opcw-centre-514772/>

Reported: 16/02/2021



RADIOLOGICAL AND NUCLEAR



France

Surveillance Drone

Event – Nuclear site surveilled by drone tech.

Summary – An autonomous surveillance UAV solution has been protecting a sensitive nuclear site. The Skeyetech drone, developed by French company Azur Drones, has been surveying the recycled nuclear fuel site Oran in The Hague. The drone is mostly used in the port, energy, defense, and oil-and-gas sectors.

Source: <https://i-hls.com/archives/106936>

Reported 11/02/2021

Japan-Finland-France-United Kingdom-USA

Radioactive Material

Event – New highly radioactive particles found in Fukushima.

Summary – The 10 year anniversary of the Fukushima Daiichi nuclear accident occurs in March. Work just published in the Journal 'Science of the Total Environment' documents new, large (> 300 micrometers), highly radioactive particles that were released from one of the damaged Fukushima reactors. The study involved scientists from Japan, Finland, France, the UK, and USA, and was led by Dr. Satoshi Utsunomiya and graduate student Kazuya Morooka (Department of Chemistry, Kyushu University). The team used a combination of advanced analytical techniques (synchrotron-based nano-focus X-ray analysis, secondary ion mass spectrometry, and high-resolution transmission electron microscopy) to fully characterize the particles.

Source: https://www.terraviva.com/reports/New_highly_radioactive_particles_found_in_Fukushima_999.html

Reported: 18/02/2021



BIOLOGICAL



Europe

Vaccine Against Variants

Event – EU regulator plans to fast-track vaccines for COVID-19 variants.

Summary – European Medicines Agency (EMA), Europe's medicines regulator, is planning to speed up assessments of any COVID-19 vaccines that are modified to protect against variants of the virus, the head of the agency's COVID-19 task force stated. Marco Cavaleri, chair of the vaccine evaluation team at the EMA, said there should be no need for lengthy large-scale trials like those needed to evaluate the first COVID-19 vaccines since tweaks for new variants can be tested on smaller groups.

Source: <https://www.dailysabah.com/life/health/eu-regulator-plans-to-fast-track-vaccines-for-covid-19-variants>

Reported 09/02/2021

Italy

Hazardous Waste

Event – Toxic waste in the port of Naples: 500 tons seized.

Summary – The Provincial Command of the Finance Police of Naples has seized 500 tons of special waste stored in the port without any authorization. In the context of specific risk analysis and territorial observation activities, the Group II Finance Police identified an area of about 500 square meters in the Naples port area where tons of special waste were stored, part of which classifiable as "dangerous".

Source: <https://www.tvcity.it/rifiuti-tossici-nel-porto-di-napoli-sequestrate-500-tonnellate-video/>

Reported: 18/02/2021



EXPLOSIVES



United Kingdom

IID

Event – Group of Police officers injured while training.

Summary – Group of Derbyshire Police officers suffered serious burn injuries, during an Improvised Incendiary Device training exercise, while feared to be wearing faulty protective equipment.

Source: <https://www.thesun.co.uk/news/14025810/police-officers-burned-petrol-bomb-training/>

Reported: 11/02/2021

Northern Ireland

IID

Event – House damaged by incendiary device.

Summary – Window was smashed and an Improvised Incendiary Device was thrown inside a house in Leyland Court, Ballycastle; damage was caused to the inside of the house, but the four occupants were not injured.

Source: <https://www.bbc.com/news/uk-northern-ireland-56071556>

Reported: 15/02/2021

Germany

Mail IED

Event – 3 injured due to letter-bomb explosion.

Summary – 3 people have been injured by the blast of a letter Improvised Explosive Device in the headquarters of supermarket chain Lidl in Neckarsulm, southern Germany.

Source: https://www.abc.es/internacional/abci-tres-heridos-envio-carta-bomba-contra-sede-lidl-alemania-202102172019_noticia.html

Reported: 17/02/2021



EXPLOSIVES



Northern Ireland

IID

Event – Property hit by incendiary device.

Summary – 2 people escaped injury in late night as an Improvised Incendiary Device was thrown at the front of their property in the Crossglebe area of Cookstown.

Source: <https://www.newsletter.co.uk/news/crime/two-people-escape-injury-in-late-night-petrol-bomb-attack-on-ni-home-3141633>

Reported: 21/02/2021

Cyprus

IED

Event – Cypriot referee's car damaged.

Summary – Improvised Explosive Device went off inside a car belonging to a Cypriot referee, just two days after the Cyprus Football Association was notified of possible match-fixing, at his residential parking lot in Larnaca.

Source: <https://knews.kathimerini.com.cy/en/news/bomb-explodes-in-cypriot-referee-s-car>

Reported: 22/02/2021



LATIN-AMERICA NEWS ON CBRNE EVENTS

This section gathers news collected from sources related to the Latin-American continent, proposed in chronological order. The section is organized in four areas, according to news availability:

- chemical
- biological
- radiological and nuclear
- explosives





RADIOLOGICAL AND NUCLEAR



Brazil

Cyber Attack

Event – Brazil's Eletrobras says nuclear unit hit with cyberattack.

Summary – A nuclear power subsidiary of Brazil's Eletrobras suffered a cyberattack but no operations were impacted, the state-controlled power holding company. The network that was attacked by ransomware is not related to the operational systems of nuclear energy plants Angra 1 and Angra 2, said Centrais Elétricas Brasileiras, as Eletrobras is formally known. The incident now is under investigation.

Source: <https://www.reuters.com/article/us-eletrobras-cyber/brazils-eletrobras-says-nuclear-unit-hit-with-cyberattack-idUSKBN2A41JN>

Reported: 04/02/2021



EXPLOSIVE



Mexico

IID

Event – Bar targeted by incendiary devices.

Summary – For the second time Improvised Incendiary Devices were thrown, from a vehicle, on the roof of a bar in Coatzacoalcas, Veracruz.

Source: <https://www.xeu.mx/nota.cfm?id=1143186>

Reported: 08/02/2021

Colombia

IED

Event – Policeman killed while securing committee.

Summary – Policeman was killed and others were injured by an Improvised Explosive Device attack against a patrol during a committee of Unidad de Restitución de Tierras in Nueva Esperanza, rural area of Montería.

Source: <https://www.elheraldo.co/cordoba/patrulla-de-la-policia-fue-atacada-con-explosivos-en-zona-rural-de-monteria-796205>

Reported: 20/02/2021

Venezuela

IID

Event – 1 killed and another injured by incendiary device.

Summary – 1 person was killed and one was injured on the path towards Puerto La Cruz, specifically in the sector from Uchire Anzoátegui State, when an Improvised Incendiary Device targeted a truck carrying materials.

Source: <https://www.caraotadigital.net/sucesos/atacan-con-bombas-molotov-a-un-camion-en-anzoategui-y-asesinan-a-un-hombre>

Reported: 23/02/2021



EXPLOSIVE



Colombia

IED

Event – 2 soldiers killed and 11 injured.

Summary – 2 soldiers were killed and 11 others were injured by the blast of an Improvised Explosive Device they hit while traveling in a vehicle close to the border with Venezuela.

Source: <https://punchng.com/two-colombian-soldiers-killed-in-suspected-rebel-attack/>
Reported: 24/02/2021

USA-Colorado

IED

Event – Man injured after opening package.

Summary – A Trinidad man is in custody in Las Animas County after Police found two explosive devices, including one that had gone off and seriously injured a person.

Source: <https://www.newsbreak.com/colorado/trinidad/news/2160534765892/man-arrested-in-connection-to-explosives-found-in-trinidad-including-one-that-injured-a-person>
Reported: 09/02/2021



NORTH-AMERICA NEWS ON CBRNE EVENTS

This section gathers news collected from sources related to the North-American continent, proposed in chronological order. The section is organized in four areas:

- chemical
- biological
- radiological and nuclear
- explosives





CHEMICALS



USA/Russia

Arms Control

Event – US and Russia extend last major arms control treaty despite disputes.

Summary – The United States and Russia had extended the New START arms control treaty for 5 years, preserving the last treaty limiting deployments of the world's two largest strategic nuclear arsenals. The pact, due to expire on Friday, was extended to Feb. 5, 2026, despite bilateral disputes over Russia's jailing of poisoned Kremlin critic Alexei Navalny, alleged cyber hacking of US government agencies and treatment of neighbouring Ukraine.

Source: <https://www.reuters.com/article/us-usa-russia-nuclear/u-s-russia-extend-last-major-arms-control-treaty-despite-disputes-idUSKBN2A323N>

Reported: 03/02/2021

USA

Chemical Threat

Event – Justice Department charges man who allegedly sprayed chemicals at cops in Capitol riot.

Summary – The DOJ has charged a Texas man who was allegedly caught on video attacking a dozen police officers with a chemical spray during the Capitol insurrection, according to court records. Federal prosecutors say Daniel Caldwell, 49, used a chemical spray against a line of officers that were blocking rioters from entering the Capitol. It happened amid a massive melee with police, who used batons and pepper spray to fend off the crowd.

Source: <https://edition.cnn.com/2021/02/28/politics/doj-capitol-riot-chemical-spray-charges/index.html>

Reported: 28/02/2021



RADIOLOGICAL AND NUCLEAR



USA

Radiation Monitoring

Event – IAEA develops drone technology for radiation monitoring.

Summary – A new technology using drones, developed by the International Atomic Energy Agency (IAEA) for use by the authorities of Fukushima Prefecture in Japan, allows for the remote monitoring of radiation measurements in areas where contamination is too high for people to enter. The IAEA said the technology is now available for practical use in routine or emergency situations.

Source: <https://www.world-nuclear-news.org/Articles/IAEA-develops-drone-technology-for-radiation-monit>

Reported: 02/02/2021

USA

Uranium

Event – Idled US conversion plant preparing for 2023 restart.

Summary – Honeywell has said it intends to re-open the USA's only domestic uranium conversion facility, the Metropolis Works plant, in Metropolis, Illinois. Preparations for a 2023 restart will begin this year. Uranium must be converted from uranium oxide - the "yellowcake" that is shipped from uranium mines and mills - to gaseous UF₆ before it can be enriched in fissile uranium-235 for use in nuclear fuel. In addition to Metropolis, commercial conversion plants are also in operation in Canada, China, France and Russia.

Source: <https://www.world-nuclear-news.org/Articles/Idled-US-conversion-plant-preparing-for-restart>

Reported: 09/02/2021

USA

Nuclear Fuel

Event – Orano completes ageing inspections at US dry storage facilities.

Summary – Orano NPS company found no corrosion concerns or precursor indications of stress corrosion cracking (SCC) in 20-year-old stainless steel canisters in use at three US dry storage facilities for used nuclear fuel. Regulatory inspections of the canisters, all of which loaded into their above-ground NUTECH horizontal modular storage system (NUHOMS) more than 20 years ago, were carried out as part of an ageing management programme.

Source: <https://www.world-nuclear-news.org/Articles/Orano-completes-ageing-inspections-at-US-dry-stora>

Reported: 11/02/2021



RADIOLOGICAL AND NUCLEAR



USA

Technology

Event – Aggressive R&D programme needed for NASA to develop propulsion technology.

Summary – US space agency NASA will need an “aggressive” development programme to overcome a number of challenges related to space nuclear propulsion technology for a proposed manned mission to Mars to become possible in 2039, a report found.

Source: <https://www.nucnet.org/news/aggressive-r-and-d-programme-needed-for-nasa-to-develop-propulsion-technology-says-report-2-3-2021>

Reported: 17/02/2021

USA

Nuclear Research

Event – Institute backs report calling for additional \$10.3bn in core nuclear R&D spending.

Summary – The US Electric Power Research Institute expressed support for a recent American Nuclear Society report that recommends an additional \$10.3bn in discretionary spending on core nuclear research and development by 2030.

Source: <https://www.nucnet.org/news/institute-backs-report-calling-for-additional-usd10-3bn-in-core-nuclear-r-and-d-spending-2-3-2021>

Reported: 24/02/2021

USA

Nuclear

Event – Bill reintroduced to ban uranium mining near Grand Canyon.

Summary – A bill that would ban uranium mining near the Grand Canyon has been reintroduced by 17 Democratic members of Congress in the latest attempt to make permanent a 20-year uranium mining moratorium passed in 2012.

Source: <https://www.nucnet.org/news/bill-reintroduced-to-ban-uranium-mining-near-grand-canyon-2-5-2021>

Reported: 26/02/2021



RADIOLOGICAL AND NUCLEAR



USA

Nuclear Nonproliferation

Event – Biden administration disappointed after Iran rejects invite to discuss nuclear deal with US and other nations.

Summary – The Biden administration is disappointed after Iran rejected an offer by the European Union to partake in nuclear talks with the US and the other signatories of the nuclear deal, but said they remain open to diplomacy with Iran. Iran's rejection of the Biden administration's first effort to jumpstart diplomacy and begin drawing both Iran and the US back into compliance with the nuclear deal signals how long and complicated the diplomatic process aimed at salvaging the deal is expected to be.

Source: <https://edition.cnn.com/2021/02/28/politics/biden-administration-iran-nuclear-deal/index.html>

Reported: 28/02/2021



EXPLOSIVES



USA

Explosion

Event – 4 injured at industrial park.

Summary – 3 men were critically injured by an explosion at a Santa Clarita industrial park that also sparked a small brush fire; a fourth man injured in the blast had driven himself to a hospital emergency room.

Source: <https://www.dailynews.com/2021/02/02/3-critically-burned-in-explosion-at-santa-clarita-movie-set/>

Reported: 03/02/2021

USA

Pyrotechnics

Event – Man killed during a baby shower.

Summary – 26-year-old man was killed in Flint by the explosion of a small cannon device that was fired in the backyard of a home during a baby shower; the explosion sprayed metal shrapnells that struck the man nearby.

Source: <https://www.cbsnews.com/news/michigan-man-killed-cannon-baby-shower/>

Reported: 08/02/2021

USA-Minnesota

Explosives

Event – 1 dead, 3 critical in shooting at Buffalo clinic; explosives found and suspect in custody.

Summary – 1 person was killed and 3 others are in critical condition following a shooting at a medical clinic in Minnesota where explosives were also found. An “active shooter incident” occurred at the Allina Health Urgent Care–Buffalo Crossroads clinic in Buffalo, Minnesota, on Tuesday morning, Wright County officials said in a statement. Authorities identified the suspect as Gregory Paul Ulrich, 67, who was well known to local authorities.

Source: <https://www.nbcnews.com/news/us-news/suspect-arrested-minnesota-shooting-injured-multiple-people-medical-clinic-n1257156>

Reported: 09/02/2021



EXPLOSIVES

USA-Louisiana

Seized Explosives

Event – Kenner man accused of possessing explosive materials to make fireworks is arrested.

Summary – Kenner residents have been reporting the sound of loud explosions near their neighborhoods. Local Police said they think they've figured out what has been causing them. Devin Staehle, 18, has been booked on a charge of manufacturing and possessing a bomb after detectives searched his home and found a "significant quantity of explosive materials," including chemicals that are mixed to make the combustible flash and gun powders. A CrimeStoppers tip led them to discover that explosive chemicals were being shipped to a home in Kenner. And Police said Staehle, who is not an authorized fireworks manufacturer, admitted that he was using the materials to make and sell fireworks.

Source: https://www.nola.com/news/crime_police/article_3e498424-755e-11eb-a292-bfc5751e610e.html

Reported: 22/02/2021

USA

IED

Event – Man killed while manufacturing explosive device.

Summary – Hudson Valley man planning his child's gender reveal party was killed and his brother was seriously injured while building an explosive device to be used during the celebration.

Source: <https://dailyvoice.com/new-york/ramapo/police-fire/28-year-old-killed-brother-injured-while-building-gender-reveal-explosive-for-party-in-area/803699/>

Reported: 22/02/2021

USA

HME

Event – Man ignites HME to evade Police.

Summary – Caleb Rose, 22, of Prescott Valley, was arrested after a domestic violence call led to the suspect allegedly igniting a homemade bomb in his garage to escape Police.

Source: <https://www.dcourier.com/news/2021/feb/22/police-man-ignites-homemade-bomb-evade-prescott-va/>

Reported: 23/02/2021



OCEANIA NEWS ON CBRNE EVENTS

This section gathers news collected from sources related to the Oceanic continent, proposed in chronological order. The section is organized in four areas, according to news availability:

- chemical
- biological
- radiological and nuclear
- explosives





CHEMICALS



New Zealand

Chemical accident

Event – Pest control company charged after chemical poisoning leaves man in coma.

Status – A pest control company is facing a number of charges after a worker ended up in an induced coma when he was poisoned in a factory housing chemicals that can be used to make the pesticide 1080. The company previously said it was not manufacturing 1080 at the Bromley warehouse, but was storing the chemicals that could be used to make it. Manufacturing 1080 is not permitted in New Zealand but some companies have permission to make cereal bait from imported 1080.

Source: <https://www.stuff.co.nz/national/crime/124183456/pest-control-company-charged-after-chemical-poisoning-leaves-man-in-coma>

Reported: 09/02/2021

New Zealand

Chemical contamination

Event – Eels found dead after chemical spill in South Auckland.

Status – About 100 eels have been found dead after a chemical compound spilled into a stormwater drain and subsequently into Manukau Harbour. People are also being warned not to go in the water within 5km from the spill - which covers Mangere Bridge, Taumanu East, Taumanu Central, Taumanu West and Onehunga Lagoon. Auckland Council said 5000 litres of methyl methacrylate were released from storage at a chemical business, Allnex, in Penrose. Methyl methacrylate is used in the manufacture of plastics and adhesives, and it can cause nasal irritation and headaches.

Source: <https://www.rnz.co.nz/news/national/436306/eels-found-dead-after-chemical-spill-in-south-auckland>

Reported: 12/02/2021



TERRORISM AND COUNTER- TERRORISM NEWS

This section gathers news collected from sources related terrorism and counter-terrorism.

News are proposed in cronological order.





NEWS



Turkey

Counter-Terrorism Operation

Event – Anti-terrorisms operations progress despite winter conditions.

Status – The Alparslan and Kılıçlar teams of the Gendarmerie Command continue to carry out successful operations against terrorist organizations in the Şenyayla region located between the eastern provinces of Muş and Bingöl and southeastern Diyarbakır province despite harsh winter conditions. The Alparslan team of the Muş provincial gendarmerie command conducted their operations at an altitude of 1,800 meters (5,906 feet) to eliminate terrorists and their hideouts amid meters of snow.

Source: <https://www.dailysabah.com/politics/war-on-terror/anti-pkk-operations-progress-despite-winter-conditions>

Reported: 01/02/2021

Turkey

Counter-Terrorism Operation

Event – Turkey launches new phase of domestic anti-terror operation.

Status – Expanding its fight against terrorists, Turkey has launched a new phase of a domestic counter-terrorism operation. Operation Eren-6 Mergelo has started in eastern Bitlis and southeastern Siirt provinces with 82 teams, including over 1,450 personnel from the Gendarmerie, Police, and village guards, the Interior Ministry said in a statement. The first five phases of the operation launched this year – Eren-1 Tendurek, Eren-2 Lice, Eren-3 Mt. Agri, Eren-4 Karlioiva-Varto, and Eren-5 Bagok – are also ongoing, according to the ministry.

Source: <https://www.aa.com.tr/en/turkey/turkey-launches-new-phase-of-domestic-anti-terror-op/2137212>

Reported: 02/02/2021

Turkey

Counter-Terrorism Operation

Event – Turkey 'neutralizes' 3 terrorists in northern Syria.

Status – Terrorists attempted to infiltrate Turkey's cross-border anti-terror operation areas, says National Defense Ministry. Turkish security forces have "neutralized" three terrorists in northern Syria, the country's National Defense Ministry said on Tuesday. The terrorists were trying to infiltrate the area of Turkey's cross-border anti-terror operations - Peace Spring and Euphrates Shield - to disrupt peace and security in the region.

Source: <https://www.aa.com.tr/en/Turkey/Turkey-neutralizes-3-ypg-pkk-terrorists-in-northern-syria/2130964>

Reported: 02/02/2021



NEWS



Syria

IS

Event – SDF arrested of an official transferring money between Islamic State cells.

Summary – Syrian Democratic Forces (SDF) and the international coalition forces carried out a joint operation against an Islamic State cell in the Al-Shaddadi area. During the operation, a terrorist responsible for transferring money was arrested, and documents and equipment in his possession were confiscate.

Source: <http://sdf-press.com/?p=32814>

Reported: 03/02/2021

Somalia

Terrorist Attack

Event – al-Shabaab militants capture Warmahan town.

Summary – 3 Somali soldiers were killed and several others wounded when al-Shabaab militants attacked and captured the town of Warmahan in the lower Shabelle region after fighting with the Somali military. al-Qaeda affiliated group al-Shabaab claimed that its fighters are controlling the town.

Source: <https://www.aa.com.tr/en/africa/somalia-al-shabaab-militants-capture-warmahan-town/2134382>

Reported: 04/02/2021

Turkey

Terrorist Tactics

Event – IS terrorists in Turkey act secular to conceal identity.

Status – Islamic State terrorists in Turkey have been disguising themselves as nonreligious, alcohol-consuming individuals to evade Police scrutiny, a detained top terrorist in northwestern Sakarya province has revealed. Turkish security forces nabbed Jordanian national A.Z.A.A.D., a suspected high-ranking IS member, in Sakarya. He was the so-called “deputy minister of education,” responsible for all of the terrorist group’s educational institutions in regional Daesh strongholds in Iraq and Syria from 2014-2017

Source: <https://www.dailysabah.com/politics/war-on-terror/daesh-terrorists-in-Turkey-act-secular-to-conceal-identity>

Reported: 04/02/2021



NEWS



Somalia

Counter-Terrorism Operation

Event – 8 al-Shabaab insurgents killed.

Summary – According to state-run broadcaster Somali National Television (SNTV), the Somali forces captured one insurgent and seized weapons in an operation outside Dhusamareb. Somali forces killed eight al-Shabaab insurgents firing mortar rounds at a government delegation led by the country's president and premier. The al-Qaeda-affiliated insurgents fired at least 13 mortar rounds in the city of Dhusamareb where the leaders were holding a conference on the country's next elections.

Source: <https://www.aa.com.tr/en/africa/somalia-8-al-shabaab-insurgents-killed/2134804>

Reported: 05/02/2021

Iraq

IS

Event – Soldier killed in IS terror attack in Iraq.

Summary – At least one soldier was killed and 2 wounded in a Islamic State terror attack that targeted Iraqi security forces in northern Kirkuk province, security sources said Friday.

Source: <https://www.aa.com.tr/en/middle-east/soldier-killed-in-daesh-isis-terror-attack-in-iraq/2135704>

Reported: 06/02/2021

Syria

IS

Event – SDF arrests 30 IS cells in Syria's Hasakah and Deir ez-Zor.

Summary – "The Syrian Democratic Forces (SDF) arrested more than 30 members of the Islamic State organization, during two days of a large-scale operation started in Hasakah and Deir ez-Zor," Siyamend Ali, media official of the People's Protection Units (YPG), told North Press.

Source: <https://npasyria.com/en/54129/>

Reported: 06/02/2021



NEWS



Syria

Terrorism

Event – IS ambush kills 26 pro-regime fighters in Syria.

Summary – The Islamic State group ambushed a regime convoy in eastern Syria, killing at least 26 fighters, including seven Syrian troops. The Britain-based Syrian Observatory for Human Rights said ambush in the province of Deir Ezzor came as the convoy combed the area for jihadists, after a string of recent attack.

Source: <https://www.thedefensepost.com/2021/02/08/is-kills-26-pro-regime-fighters-syria/>
Reported: 08/02/2021

United Kingdom

Terrorism Charges

Event – British teenager who led Neo Nazi group and recruited followers is sentenced.

Summary – A 16-year-old boy from Cornwall, UK was sentenced to a 24-month youth rehabilitation order at the Old Bailey court in London for offenses against the Terrorism Act. The boy, who cannot be named for legal reasons, appeared via video link and was sentenced by Mr. Justice Dennis having previously pleaded guilty to two counts of disseminating a terrorist publication under section 2 of the Terrorism Act 2006 and 10 counts under section 58 of the Terrorism Act 2000 of collecting material of use to a terrorist.

Source: <https://www.hstoday.us/subject-matter-areas/cybersecurity/british-teenager-who-led-neo-nazi-group-and-recruited-followers-is-sentenced/>
Reported: 08/02/2021

Syria

IS

Event – SDF arrested IS families' smuggler in Syria's Hasakah countryside.

Summary – The Syrian Democratic Forces (SDF) announced the arrest of a wanted person in Hasakah countryside who was working in smuggling the families of the Islamic State members.

Source: <https://npasyria.com/en/54228/>
Reported: 08/02/2021



NEWS



Syria

IS

Event – SDF arrests people transferring IS militants between Syria, Iraq.

Summary – The Syrian Democratic Forces (SDF) announced that their Special Forces managed to arrest two people responsible for transferring Islamic State militants between Syria and Iraq.

Source: <https://npasyria.com/en/54304/>

Reported: 09/02/2021

Egypt

IS

Event – IS militants kill 6 Bedouins in Egypt's Sinai.

Summary – Islamic State group militants killed at least 6 Bedouins in an ambush over their alleged collaboration with the Egyptian military in the restive part of the country's Sinai Peninsula, security officials said.

Source: <https://apnews.com/article/egypt-islamic-state-group-bedouin-142cd698253bf8a3cd7734eca52494b3>

Reported: 09/02/2021

Senegal

Terrorism

Event – Senegal uncovers jihadist cell in east of country.

Summary – Senegalese authorities have foiled a jihadist cell linked to al-Qaeda-affiliated militants in Mali. Gendarmes arrested four men in the eastern town of Kidira, which lies on the border with Senegal's war-torn neighbor Mali, according to the Liberation newspaper. A shopkeeper who has been under surveillance for two years was among the men who were arrested, it added.

Source: <https://www.thedefensepost.com/2021/02/09/senegal-uncovers-jihadist-cell/>

Reported: 09/02/2021

Syria

IS

Event – SDF resumes anti-IS operations in Syria's Hasakah, Deir ez-Zor.

Summary – The Syrian Democratic Forces (SDF) resumed their military campaign against Islamic State sleeper cells in the desert between al-Dashisha and Markada, south of Hasakah, and areas in Deir ez-Zor.

Source: <https://npasyria.com/en/54298/>

Reported: 09/02/2021



NEWS



Turkey-Iraq

Counter-Terrorism Operation

Event – Turkey strikes PKK in Iraq, losing 3 soldiers in clashes.

Status – 3 Turkish soldiers were killed and 4 others wounded in clashes with PKK in northern Iraq, the Ministry of National Defense said in a statement.

Source: <https://www.dailysabah.com/politics/war-on-terror/Turkey-strikes-pkk-in-iraq-losing-3-soldiers-in-clashes>

Reported 11/02/2021

Somalia

Terrorist Attack

Event – Suspect al-Shabaab militants attack.

Summary – Unidentified gunmen shot dead 3 women, 2 of whom were pregnant, in the Somali capital of Mogadishu. In a statement, the law enforcers said the incident took place in the volatile Daynile district, and that further investigations are underway. No group immediately claimed responsibility, but Police suspect al-Qaeda affiliated insurgent group al-Shabaab could be behind the attack.

Source: <https://www.aa.com.tr/en/africa/gunmen-kill-3-women-in-somali-capital/2144356>

Reported: 14/02/2021

Northern Yemen

Attack

Event – Dozens killed in overnight clashes in Northern Yemen.

Summary – 2 government military officials said at least 16 pro-government forces were killed and 21 wounded in the past 24 hours, adding that “dozens were killed” among Houthi ranks. The Houthis have cut off supply lines to a district about 50 kilometers south of the city, with “the goal to lay siege to Marib,” one of the sources said. Yemen has been embroiled in a bloody power struggle since 2014 between its government, supported by Saudi Arabia, and Houthi rebels, who control the capital Sanaa and most of the north.

Source: <https://www.thedefensepost.com/2021/02/15/dozens-killed-overnight-clashes-yemen/>

Reported: 15/02/2021



NEWS



Turkey

Terrorism

Event – Security forces nab 4 suspected terrorists in Hatay province.

Summary – Security forces in southern Turkey arrested an alleged terrorist said to be planning an attack in nearby northern Syria an area Turkish forces had liberated of terrorists along with 3 accomplices. Provincial Gendarmerie teams in Dortyol in the southern Hatay province arrested the terrorist, who was preparing a bomb attack on members of the Turkish Armed Forces, local Syrian allies, and civilians in the Operation Olive Branch area in northern Syria, said the local governor's office. All four suspects were arrested for armed terrorist group membership. During the arrests, 6 mobile phones, 13 SIM cards, 10 memory cards, 5 external hard drives, and 7 hard disks were seized at the suspects' addresses.

Source: <https://www.aa.com.tr/en/turkey/security-forces-nab-4-suspected-ypg-pkk-terrorists/2146882>

Reported: 16/02/2021

Israel

Counter-Terrorism Operation

Event – Israel confiscates \$121,000 sent from Turkey to Hamas.

Summary – The Israeli Defence Ministry announced that it has seized what it says are goods worth \$121,000 sent by Hamas members in Turkey to others in the West Bank.

Source: <https://www.middleeastmonitor.com/20210216-israel-confiscates-121000-sent-from-turkey-to-hamas/>

Reported: 16/02/2021

Sahel Region

Counter-Terrorism

Event – France maintains Sahel Force to 'decapitate' al-Qaeda groups.

Summary – President Emmanuel Macron pledged to keep French troops in the Sahel region of western Africa, to help "decapitate" al-Qaeda-linked insurgent groups that local governments are struggling to hold back. But while Macron said there would be no "immediate" drawdown of the 5,100-member Barkhane force, he made clear that France expected to have a far lighter presence over time.

Source: <https://www.thedefensepost.com/2021/02/17/france-maintains-sahel-force/>

Reported: 17/02/2021



NEWS



Nigeria

Counter-Terrorism Operation

Event – Nigerian security force anti-gang operations.

Summary – According to Adamawa state Commissioner of Police Aliyu Adamu, Nigerian security force anti-gang operations have arrested 40 armed gang members in northeastern Adamawa state, where the Boko Haram terrorist group also has a presence. Eight guns, a vast amount of ammunition and some cash have also been seized.

Source: <https://www.aa.com.tr/en/africa/nigerian-security-forces-arrest-40-armed-gang-members/2147462>

Reported: 17/02/2021

Tunisia

Counter-Terrorism Operation

Event – Tunisia arrests 5 terror convicts.

Summary – Security forces in Tunisia arrested 5 people convicted for having links to a terror group, the country's Interior Ministry said.

Source: <https://www.aa.com.tr/en/africa/tunisia-arrests-5-terror-convicts/2148565>

Reported: 17/02/2021



NEWS



Burkina Faso

Terrorism

Event – 8 killed in attack in Northern Burkina Faso.

Summary – At least 8 people were killed near Burkina Faso's northern border with Niger, an area notorious for jihadist attacks. The attack occurred at around 8 am near Tokabangou, about 10 kilometers from Markoye in Oudalan province. Burkina Faso is struggling with a jihadist insurgency that began in neighboring Mali in 2012 and spread into its territory in 2015.

Source: <https://www.thedefensepost.com/2021/02/18/eight-killed-attack-burkina-faso/>
Reported: 18/02/2021

Iraq

IS

Event – 7,000 Islamic State fighters in Iraq are exploiting the COVID-19 pandemic to regroup in key areas, general warns.

Summary – Thousands of Islamic State jihadists have seized their chance to reorganise in Iraq and are threatening to launch a new wave of attacks, a Kurdish general has warned.

Source: <https://www.thetimes.co.uk/article/sirwan-barzani-iraq-braced-for-renewed-assault-by-isis-fighters-kwhkhjhjhw>
Reported: 18/02/2021

Syria

IS Housing Camp

Event – Killings surge in Syria camp housing Islamic State families.

Summary – The deaths stacked up: a policeman shot dead with a pistol equipped with a silencer, a local official gunned down, his son wounded, an Iraqi man beheaded. In total, 20 men and women were killed last month in the sprawling camp in northeastern Syria housing families of the Islamic State group.

Source: <https://apnews.com/article/killings-surge-syria-camp-isis-families-1aef71d9c11cc4b9f77ac22fa205601b>
Reported: 18/02/2021



NEWS



Iraq

Terrorism

Event – IS kills 3 pro-government fighters in Iraq's Diyala province.

Summary – 3 members of the Iran-backed Popular Mobilisation Forces (PMF) were killed and 5 others were wounded during clashes with Islamic State fighters in the north-eastern governorate of Diyala, the PMF has said.

Source: <https://www.middleeastmonitor.com/20210219-daesh-kills-3-pro-government-fighters-in-iraqs-diyala-province/>

Reported: 19/02/2021

Congo

Attack

Event – Italian ambassador killed in DR Congo attack.

Summary – Italy's ambassador to the Democratic Republic of Congo was killed when a UN convoy came under attack in the troubled east, DRC sources and the government in Rome. Luca Attanasio died of his wounds after a World Food Programme (WFP) convoy came under fire near Goma, a senior diplomatic source said in Kinshasa. Two other people also died in the attack, Major Guillaume Djike, the army's spokesman in North Kivu province told AFP. Other sources said the two were the envoy's driver and bodyguard.

Source: <https://www.thedefensepost.com/2021/02/22/italian-ambassador-killed-dr-congo/>
Reported: 22/02/2021

Mali

Soldiers Killed

Event – 2 Mali soldiers killed, seven injured in ambush.

Summary – 2 soldiers were killed and seven others injured, Mali's military said, in an ambush in a central region regularly hit by jihadist attacks. Around 0200 pm local time (0200 GMT, the troops were ambushed en route between Konna and Sevare by an armed terrorist group, according to the army statement, confirming what security sources and a local official had previously told AFP.

Source: <https://www.thedefensepost.com/2021/02/24/two-mali-soldiers-killed-ambush/>
Reported: 24/02/2021



NEWS



Nigeria

Attack

Event – Boko Haram killed 16 in Nigeria's Maiduguri attack.

Summary – Boko Haram jihadists attacked Nigeria's city of Maiduguri in the volatile northeast killing 16 people, including 9 children who were playing football in a field, local militia told AFP. Officials said previously 10 people were killed and 47 were injured in Tuesday's attack when jihadists fired rocket-propelled grenades on the densely-populated city. Boko Haram has previously made incursions into Maiduguri, the capital of Borno state, using heavy guns and suicide bombers.

Source: <https://www.thedefensepost.com/2021/02/24/boko-haram-nigeria-maiduguri-attack/>

Reported: 24/02/2021

Central African Republic

Attack

Event – 14 killed at religious site in Central Africa.

Summary – 14 people, including at least 2 civilians, were killed inside a "religious site" as government and rebel forces fought for control of a Central African Republic town, rights group Amnesty International. The organization said the incident took place in central Bambari town on February 16, the day before government troops recaptured it from rebels.

Source: <https://www.thedefensepost.com/2021/02/25/fourteen-killed-religious-site-car/>

Reported: 25/02/2021

Burkina Faso

Terrorism

Event – Burkina Faso military kills 11 'terrorists' in jihadist-plagued north.

Summary – Burkina Faso's armed forces said they had killed 11 "terrorists" during an operation in the country's jihadist-plagued north after a recent surge in attacks. The ground and air operation was launched "in the forest of Bangao and in the areas of Tasmakat, Fourkoussou and Bidy in Oudalan province on February 23 and 24," the armed forces in a statement.

Source: <https://www.thedefensepost.com/2021/02/25/burkina-faso-kills-11-terrorists/>

Reported: 25/02/2021



NEWS



USA-Colorado

Terrorism Charges

Event – White supremacist sentenced to nearly 20 years in plot to bomb Colorado synagogue.

Summary – An avowed white supremacist was sentenced to 19-1/2 years in prison after pleading guilty months ago to a federal hate-crimes case stemming from a botched plot to bomb a historic Colorado synagogue in 2019. Posing as fellow racists, undercover agents reached out to Holzer and later met with him as he broached the idea of blowing up the synagogue, the affidavit said. Ultimately, the agents provided him with inert pipe bombs and sticks of dynamite before arresting him, court documents showed.

Source: <https://www.reuters.com/article/us-colorado-synagogue-bombplot/white-supremacist-sentenced-to-nearly-20-years-in-plot-to-bomb-colorado-synagogue-idUSKBN2AR02I>

Reported: 27/02/2021

Mexico

Terrorist Attack

Event – Truck-borne gunman kill 11 in Mexico's western state of Jalisco.

Summary – Unidentified gunmen riding in a truck opened fire with rifles on Saturday to kill 11 people in Mexico's western state of Jalisco, causing injuries to a woman and a youth as well, authorities said. Jalisco, where a former governor was shot dead in December, is one of the epicentres of Mexico's drug-related warfare, and home to the powerful Jalisco New Generation Cartel (CJNG).

Source: <https://www.reuters.com/article/us-mexico-violence/truck-borne-gunmen-kill-11-in-mexicos-western-state-of-jalisco-idUSKCN2AS02I>

Reported: 28/02/2021

Iraq

IS

Event – IS terrorists kill 2 in eastern Iraq.

Summary – At least 2 people were killed in an attack by the Islamic State terrorist group in Iraq's eastern province of Diyala, according to Police sources.

Source: <https://www.aa.com.tr/en/middle-east/daesh-isis-terrorists-kill-2-in-eastern-iraq/2160194>

Reported: 28/02/2021



NEWS



Afghanistan

IS

Event – IS Member arrested in Afghanistan.

Summary – Office of the provincial media outlets in Afghanistan's eastern Nangarhar province announced Afghan national security forces have arrested a member of the Islamic State.

Source: <https://tkg.af/english/2021/02/28/an-is-member-arrested-in-e-afghanistan/>
Reported: 28/02/2021



SECURITY AND DEFENCE TECHNOLOGICAL INNOVATIONS

This section gathers news collected from sources related technological innovations. News are proposed in cronological order.





NEWS



Turkey

Technological innovations

Event – World's biggest drone prepares for special mission,

Summary – At 80 feet long and 18 feet tall, the massive Ravn X defined by the company as the world's biggest drone is driven by proprietary software, and would fly itself to a specified altitude, where it would launch a rocket to deliver a payload of small satellites to low Earth orbit.

Source: <https://i-hls.com/archives/106751>

Reported: 01/02/2021

World

Radiation Monitoring

Event – Unmanned radiation monitoring tech to save lives.

Summary – Drones can prevent the exposure of people to radiation. UAV-based technologies will be crucial for advancing radiation monitoring, including enhancing the application of environmental mapping and improving long-term monitoring of contaminated areas.

Source: <https://i-hls.com/archives/106819>

Reported 05/02/2021

Italy

Technological Innovation

Event – Army: the antidrone Center of Excellence engaged in the search for new systems to combat the threat of APR

Summary – At the headquarters of the Military Polygon of Foce Verde (Latina) and of the Territorial Armaments Technical Office (UTTAT) of Nettuno (Rome) an experimentation activity, promoted by the IV Logistics Department of the Army General Staff, with the Seastema companies, Fincantieri and Vitrociset- Leonardo, was carried out. With this activity, Italian defence sector wanted to identify and verify new technological solutions to counter the threat represented by the Mini / Micro Remotely Piloted Aircraft (M / M APR) with training and / or swarm (so-called swarm).

Source: <https://www.reportdifesa.it/esercito-il-centro-di-eccellenza-antidrone-impegnato-nella-ricerca-di-nuovi-sistemi-di-contrasto-alla-minaccia-di-apr/>

Reported:06/02/2021



NEWS



USA

Technology

Event – First-ever shot with explosives conducted at the National Ignition Facility.

Summary – The first-ever shot to study a high explosive sample was recently conducted at the National Ignition Facility (NIF), the world's most energetic laser. The results from the shot included novel data that will help researchers unlock the mysteries of high-explosive (HE) chemistry and position Lawrence Livermore National Laboratory (LLNL) to continue its legacy as a leader in HE science and diagnostic innovation.

Source: <https://www.dailyecho.co.uk/news/19074947.hurst-spit-sealed-off-suspected-bomb-blown-navy/>

Reported: 08/02/2021

France

Sigint

Event – French military orders first Sigint suite to work across all services.

Summary – France is to acquire its first joint tactical signals intelligence system from Thales and Airbus. The system will consist of a series of combinable sensors adapted to the needs of a given theater of operation and whatever environment land, naval or air in which it is to be operated. Signals intelligence involves using an adversary's signals either communication (such as radio) or electronic (such as radar) to gather data.

Source: <https://www.c4isrnet.com/global/europe/2021/02/08/french-military-orders-first-sigint-suite-to-work-across-all-services/>

Reported: 09/02/2021

Israel

IAF

Event – Israel completes KC/C-130H upgrades.

Summary – Israel has upgraded eight Lockheed Martin KC/C-130H Hercules airlifter. The effort, which was first touted in 2008 and officially launched in 2014, has been led by Elbit Systems. Its goal was to increase the capabilities of the 1970s-era C-130H fleet operated by 131 Squadron 'Knights of the Yellow Bird' while making it compliant with international commercial airspace regulations.

Source: <https://www.newsbreak.com/news/2160014833402/israel-completes-kcc-130h-upgrades>

Reported: 09/02/2021



NEWS



China

Air Vehicles

Event – Footage suggests PLA's Xinjiang Military Command operating Z-20 helicopters.

Summary – The People's Liberation Army Ground Force's (PLAGF) Xinjiang Military Command continues modernising its aerial assets, with footage from state broadcaster China Central Television (CCTV) suggesting that the command may also be operating the Harbin Aircraft Industry Group (HAIG) Z-20 medium-lift tactical helicopter.

Source: <https://www.newsbreak.com/news/2160014900134/update-footage-suggests-pla-xinjiang-military-command-operating-z-20-helicopters>

Reported: 09/02/2021

Mali

Technology

Event – British army troops in Mali use grenade launcher-fired mini-drones.

Summary – British Army troops stationed in Mali are using mini-drones that can be fired from grenade launchers and are designed to carry a range of payloads. Developed by Australian firm DefendTex, "several hundred" Drone40s have been handed over to a British Army contingent posted in the West African country as part of Operation Newcombe.

Source: <https://www.thedefensepost.com/2021/02/09/british-army-grenade-launcher-fired-drones/>

Reported: 09/02/2021

Russia

Technology

Event – Russia increasing focus on AI to create advanced weapons for troops.

Summary – Russia is increasing its focus on Artificial Intelligence to create advanced weapons for the armed forces, Defense Minister Sergei Shoigu announced at a meeting with the army leadership.

Source: <https://ria.ru/20210209/intellekt-1596625480.html>

Reported: 09/02/2021



NEWS



China

Geophysical Prospecting

Event – China's Y-12F aircraft completes geo-prospecting flight tests.

Summary – The China-developed Y-12F general aircraft has completed flight tests on its airborne geophysical prospecting capabilities, its developer announced.

Source: http://www.xinhuanet.com/english/2021-02/09/c_139733438.htm

Reported: 09/02/2021

USA

Technology

Event – Small drones biggest threat since IEDs.

Summary – The proliferation of inexpensive, small drones around the world is the “most concerning tactical development” since the rise of the Improvised Explosive Devices in Iraq, remarked Marine Gen. Kenneth McKenzie recently.

Source: <https://www.thedefensepost.com/2021/02/10/small-drones-threat-us-general/>

Reported: 10/02/2021

Canada

Technology

Event – Drone to be deployed on Canadian Coast Guard vessels.

Summary – Defence Research and Development Canada (DRDC) to conduct trials of a new long-endurance unmanned aircraft surveillance system for the Canadian Coast Guard. The Martin UAV V-BAT aircraft was selected to provide the unique ability to combine takeoff and landing from the small confines aboard ship with the long endurance of a fixed-wing aircraft while carrying multiple sensors.

Source: <https://seapowermagazine.org/kongsberg-drone-to-be-deployed-on-canadian-coast-guard-vessels/>

Reported: 11/02/2021

USA

Cyber Warfare

Event – NAVWAR looking for emerging cyber research and development.

Summary – The Navy is searching for solutions from industry that can fill needed gaps in cyber warfare capabilities to secure weapon systems and exploit cyberspace. The Naval Information Warfare Systems Command Cyber Warfare Detachment is looking for white papers for research and development efforts on resilient cyber warfare capabilities.

Source: <https://www.c4isrnet.com/cyber/2021/02/11/navwar-looking-for-emerging-cyber-research-and-development/>

Reported: 11/02/2021



NEWS



USA

UAS

Event – Grumman's LongShot drone can search and destroy.

Summary – Within the framework of LongShot contract by the Defense Advanced Research Projects Agency, the company Northrop Grumman released its concept for an air-launched Unmanned Aircraft System. No pilots to risk, just a throw-away UAS, that can potentially avoid enemy radar and return to base unharmed.

Source: <https://asiatimes.com/2021/02/grummans-longshot-uas-can-search-destroy/>
Reported: 14/02/2021

Russia

Technology

Event – Russia develops fully autonomous combat ground vehicle.

Summary – The Russian military will soon have a functioning prototype of the latest Udar Combat Ground Vehicle which can operate on different terrains completely unmanned. The newest Udar model is an upgrade of the BMP-3 infantry fighting vehicle. Developers have described the Udar robotic vehicle as “a multi-purpose robotic platform” that can be customized with an array of weapons and equipment based on its tactical objective. The Udar robotic vehicle can also interact with various unmanned aerial vehicles and transport materials.

Source: <https://www.thedefensepost.com/2021/02/15/russia-udar-unmanned-ground-vehicle/>
Reported: 15/02/2021

USA

Technology

Event – Raytheon counter-drone laser system tested.

Summary – The United States Air Force has announced that it tested a counter-drone laser weapon system. The High Energy Laser Weapon System 2, known as HELWS2 or H2, was tested as part of a directed energy experiment by the Strategic Development Planning & Experimentation office. Improvements include a more rugged design for easier transport throughout a wide range of operational environments. It also boasts of a new beam director for more accurate fire and a robust power system for greater magazine depth.

Source: <https://www.af.mil/News/Article-Display/Article/2504931/directed-energy-combined-test-force-oversees-testing-of-anti-drone-weapon/>
Reported: 17/02/2021



NEWS



Georgia

Technology

Event – In Georgian first combat drone is developing.

Summary – A Georgian aircraft manufacturer is developing the country's first home-grown reconnaissance and strike drone. Named Project T-31, the Unmanned Aerial Vehicle is being developed by Tbilisi-based aviation plant TbilAviaMsheni. Detailing some of the aircraft's specifications, the website wrote that the drone will be equipped with electro-optical tracking systems with a carrying capacity for weapons of 350 kilograms (772 pounds), able to fly for up to 24 hours at a stretch.

Source: <https://www.thedefensepost.com/2021/02/17/georgia-first-combat-drone/>
Reported: 17/02/2021

USA

Drones

Event – US Navy looks to autonomous water sensor drones.

Summary – The US Navy is collecting proposals for a new autonomous glider drone that can collect data such as water temperatures over time as a way to improve how it hunts for enemy submarines. The system will be the next generation of the current Littoral Battlespace Sensing Glider, which generally deploys from one of the Navy's five oceanographic survey ships. That glider became the center of an international incident in 2016 when China seized the drone, calling it a hazard to navigation. The Navy would use the drones for measuring water conditions in places where it might expect to need to hunt submarines in the future and help guide fleet operational planning.

Source: <https://www.defensenews.com/naval/2021/02/17/with-the-submarine-threat-on-the-rise-the-us-navy-looks-to-autonomous-water-sensor-drones/>
Reported: 18/02/2021

Iraq-Syria

Innovations

Event – Soldiers use biometrics to vet drivers sustaining Syrian logistics ops.

Summary – Military intelligence Soldiers assigned to the Syrian Logistics Cell at Erbil leverage biometric technology to screen drivers for a long haul to outposts in the area of operations. The main biometrics tool includes scans of the iris and fingerprints and taking the driver's photo.

Source:

https://www.army.mil/article/243454/soldiers_use_biometrics_to_vet_drivers_sustaining_syrian_logistics_ops
Reported: 20/02/2021



NEWS



India

Artificial Intelligence

Event – 31st MEU tests artificial intelligence sensing gear to help Marines, soldiers see invisible threats.

Summary – A combination of systems being tested soon by Marines with the 31st Marine Expeditionary Unit out of Okinawa, Japan, are helping Marines at the lowest-unit levels use artificial intelligence and sensing capabilities to know if there are threats of drones overhead or simply to remind them to check their left flank. The goal is to put electronic warfare, sensing and networking options usually only available at the platoon or even company level in the hands of a squad of Marines or soldiers.

Source: <https://www.marinecorpstimes.com/news/your-marine-corps/2021/02/17/31st-meu-tests-artificial-intelligence-sensing-gear-to-help-marines-soldiers-see-invisible-threats/>
Reported: 20/02/2021

Spain

EOD Robot

Event – Explosive ordnance disposal robot with variable geometry, will be presented at IDEX 2021

Status – Aunav, an international provider of robotic solutions for Defence and Security, will present his latest explosive ordnance disposal robot. Aunav EVO with its variable geometry allows the robot to rapidly increase or decrease its width during a mission to adapt to whichever situation it is presented. This technology enables the system to operate in tight spaces such as plane, bus or subway aisles.

Source: <https://counteriedreport.com/aunav-neo-the-only-explosive-ordnance-disposal-robot-with-variable-geometry-will-be-presented-at-idex-2021/>
Reported: 21/02/2021

USA

Technology

Event – Polish armed forces field 'warmate' kamikaze drone.

Summary – The Polish Army has fielded its newest loitering munition, the Warmate "kamikaze" or suicide drone, purchased by the Polish Ministry of Defense at the end of 2017. The unmanned aerial vehicle (UAV) has passed all necessary tests and certifications and is now ready for deployment by regular forces as well as Territorial Defence Forces (WOT), the country's fifth military branch following Land Forces, Air Force, Navy, and Special Forces.

Source: <https://www.thedefensepost.com/2021/02/22/poland-warmate-kamikaze-drones/>
Reported: 22/02/2021



NEWS



Italy

Anti-Drone System

Event – The ADRIAN anti-drone system by Elettronica at the IDEX Abu Dhabi Show.

Status – ADRIAN (Anti-Drone Interception Acquisition Neutralization) from Elettronica is an advanced and economic anti-drone systems. It deals with the detection and interception of drones using a single system that can be deployed on a fixed site or mounted on a vehicle. ADRIAN uses a combination of radar, optronics, acoustic sensors and an electronic support measure (ESM) to visually detect the drone, via its radar signature and the noise of its engines, and using the drone's radio transmissions.

Source: <https://www.analisidifesa.it/2021/02/il-sistema-anti-drone-adrian-di-elettronica-al-salone-idex-di-abu-dhabi/>

Reported: 23/02/2021

Israel

Artificial Intelligence

Event – Israel's IAI and Matrix partner for AI center focused on automatic target detection.

Summary – Israel Aerospace Industries and Matrix Defense are partnering on an artificial intelligence center to develop automated target detection for future battlefields. The two companies will co-develop AI, machine learning (ML) and Big Data-driven solutions to be integrated into IAI's satellite and space systems, defense and attack systems, missiles, homing heads, electro-optical payloads, and additional systems.

Source: <https://www.c4isrnet.com/artificial-intelligence/2021/02/22/israels-iai-and-matrix-partner-for-ai-center-focused-on-automatic-target-detection/>

Reported: 23/02/2021

Germany

Drones

Event – Heads EU industry push for a drone collision-avoidance kit.

Summary – The European Commission has approved an heads EU industry to lead the bloc's quest for a detect-and-avoid kit that would allow aerial drones to fly safely alongside civilian air traffic. The collision-avoidance project for drones goes after the problem of replicating the human ability to make the right decisions during dicey mid-air situations. Having such technology certified by the relevant European authorities is still a bit of an open race.

Source: <https://www.defensenews.com/global/europe/2021/02/22/saab-heads-eu-industry-push-for-a-drone-collision-avoidance-kit/>

Reported: 23/02/2021



NEWS



USA

Technology

Event – US special forces to soon operate hand-launched, signal-jamming drones.

Summary – US Army Special Operations Command (USASOC) has acquired an undisclosed number of hand-launched unmanned aerial systems (UAS) capable of blocking enemy electronic signals in “contested areas.” Information concerning the acquisition was included in the Department of Defense (DoD) 2021 budget estimate. The DoD doesn’t provide extensive detail concerning features of the “classified” drone developed under Project Hornet apart from stating that the mini aircraft is designed to be “versatile,” with the capability to jam a range of electronic devices.

Source: <https://www.thedefensepost.com/2021/02/23/us-special-forces-signal-jamming-drones/>

Reported: 23/02/2021

Russia

Technology

Event – Russia displays range of counter-drone systems at IDEX 2021.

Summary – Additional Russian counter-UAS systems on display at the exhibition include the Kupol and Rubezh-Avtomatika, developed by Avtomatika Concern, another subsidiary of Rostec State Corporation like Rosoboronexport. Rosoboronexport claims that the highly mobile, easily deployed systems can create “an impenetrable barrier capable of repelling attacks not only by single drones but also their massive use from different directions and altitudes within a radius of at least 3 km”.

Source: <https://www.thedefensepost.com/2021/02/23/russia-counter-drone-systems-idex-2021/>

Reported: 23/02/2021

USA

Technology

Event – US Army set to make quantum leap with ultra-short pulse laser (USPL) technology.

Summary – The system will release power in the form of laser pulses (light flashes) rather than emitting a continuous beam as in present systems, according to the program solicitation brief. The concept note of the system states that the USPL will neutralize threats in three distinct ways: the new system will be capable of scorching the target; blinding the target system’s sensors “through broadband supercontinuum generation in the air, and the generation of a localized electronic interference used to overload a threat’s internal electronics,” as stated in the brief.

Source: <https://www.thedefensepost.com/2021/02/24/us-army-ultra-short-pulse-laser/>

Reported: 24/02/2021



NEWS



Egypt

Biometric Recognition

Event – Innovative use of vein recognition.

Summary – FinGo's authentication technology using vein biometrics will be deployed in Egypt as part of the country's national ID program, Mashable reports.

Source: <https://www.biometricupdate.com/202102/egypt-integrates-fingo-vein-biometrics-in-national-id-program>

Reported: 24/02/2021

South Korea

Aircraft

Event – South Korea to begin work on light aircraft carrier in 2022.

Summary – Citing a decision made the previous day by the country's Defense Project Promotion Committee, DAPA said that about KRW2.3 trillion (USD2.07 billion) has been tentatively earmarked for the project, which was previously known as LPX-II but has now renamed CVX. The agency pointed out that the total project cost "will be reviewed/confirmed through a feasibility study" set to be conducted by the Ministry of Economy and Finance.

Source: <https://navyclippings.nl/index.php/2021/02/24/south-korea-to-begin-work-on-light-aircraft-carrier-in-2022/>

Reported: 24/02/2021

Russia

Technology

Event – Russian kamikaze drone to complete tests.

Summary – Russian state-run manufacturer, Kalashnikov, has revealed that its combat unmanned aerial vehicle (UAV), the KYB, will complete testing. Developed by ZALA Aero (part of the Kalashnikov group), the propeller-driven kamikaze UAV has completed preliminary tests and its export version, KYB-E, is also being developed. The suicide drone is designed to slip in under enemy defenses and crash into its intended targets with a 3 kilogram (6.61 pounds) munitions payload.

Source: <https://www.thedefensepost.com/2021/02/25/russia-kyb-drone-to-complete-tests/>

Reported: 25/02/2021

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