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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

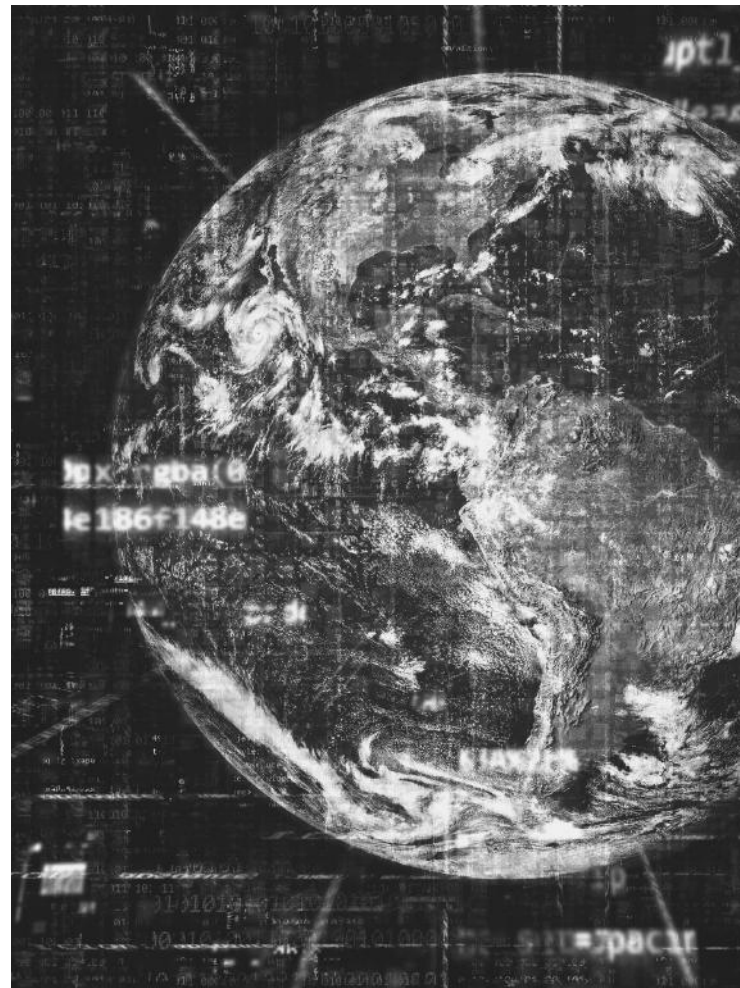
The Observatory on Security and CBRNE Defence - **OSDIFE**, the **University of Rome "Tor Vergata"**, Department of Electronic Engineering - DIE and the State University of Republic of **San Marino, Center for Security Studies** - CUFS are pleased to present the "OSDIFE Report on CBRNe Events in the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





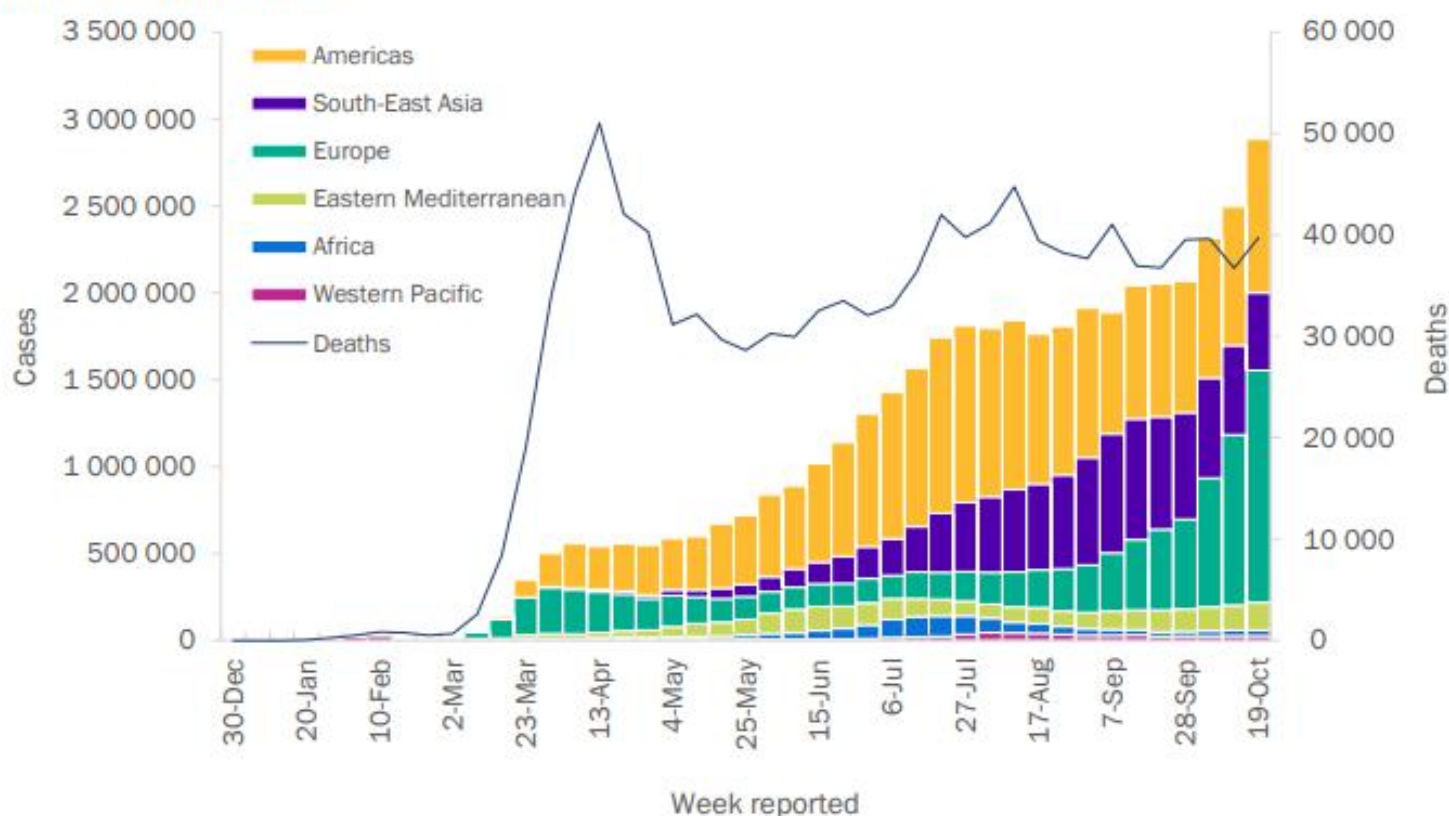
Last month news

OVERVIEW OF COVID-19 PANDEMIC



- In the past week the highest number of new COVID-19 cases have been reported globally, amounting to over 2 million new cases in the past 7 days (Figure 1), the shortest intervals for this exponential increase since the start of the pandemic, while the number of new deaths is comparable to previous weeks.
- As of 25 October, over 42 million cases and 1.1 million deaths have been reported globally, with over 2.8 million new cases and nearly 40 000 new deaths reported over the past week.
- Number of COVID-19 cases reported weekly by WHO Region, and global deaths, 30 December 2019 through 25 October 2020 are hereby reported:

Figure 1: Number of COVID-19 cases reported weekly by WHO Region, and global deaths, 30 December 2019 through 25 October 2020**





Last month news

OVERVIEW OF COVID-19 PANDEMIC



- For the second consecutive week the European Region accounts for the greatest proportion of reported new cases, with over 1.3 million new cases reported this past week – a 33% increase in cases compared to the previous week – contributing nearly half of all new cases reported worldwide this week (46%).
- Similarly, the number of deaths continues to increase in the region with a 35% increase from last week and accounting for nearly one third of all new deaths globally. Although not as substantial, increases in reported new cases were also observed in the Region of the Americas, Eastern-Mediterranean and African regions.
- Declines in cases and deaths continued to be reported in the South-East Asia region while the Western Pacific region has shown a slight decline in new cases and deaths in the past 7 days.
- Despite regional variations the countries reporting the highest number of cases in the past week remain the same as the previous 3 weeks: India, the United States of America, France, Brazil and the United Kingdom.
- WHO has released a video series, Science in 5, in which experts explain the science about specific issues related to COVID-19. So far five episodes have been released on subjects including herd immunity, SARS-CoV2, myths vs science, and reopening schools. Watch these short videos on WHO's YouTube, Instagram, Facebook, Twitter, and LinkedIn accounts or listen to the podcasts.
- WHO has published the Emergency Global Supply Chain System (COVID-19) catalogue, which lists all medical devices, including personal protective equipment, medical equipment, medical consumables, single use devices, laboratory and test-related devices that may be requested through the COVID-19 Supply Portal.



Last month news

OVERVIEW OF COVID-19 PANDEMIC



Data summary and trends (October variations in cases and deaths)

Table 1. Newly reported and cumulative COVID-19 confirmed cases and deaths, by WHO Region, as of 25 October 2020**

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 (%)
Europe	1 335 914 (46%)	36%	9 664 042 (22%)	11 733 (30%)	37%	270 972 (23%)
Americas	884 318 (31%)	11%	19 737 794 (46%)	16 918 (43%)	4%	625 973 (54%)
South-East Asia	445 886 (15%)	-13%	8 969 707 (21%)	5 756 (14%)	-16%	140 827 (12%)
Eastern Mediterranean	159 166 (6%)	11%	2 955 552 (7%)	4 035 (10%)	15%	75 133 (6%)
Africa	32 123 (1%)	2%	1 298 315 (3%)	832 (2%)	-21%	29 277 (3%)
Western Pacific	27 197 (1%)	-4%	715 300 (2%)	438 (1%)	-6%	15 314 (1%)
[†] Other	-	-	741 (<1%)	-	-	13 (<1%)
Global	2 884 604 (100%)	16%	43 341 451 (100%)	39 712 (100%)	8%	1 157 509 (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%.

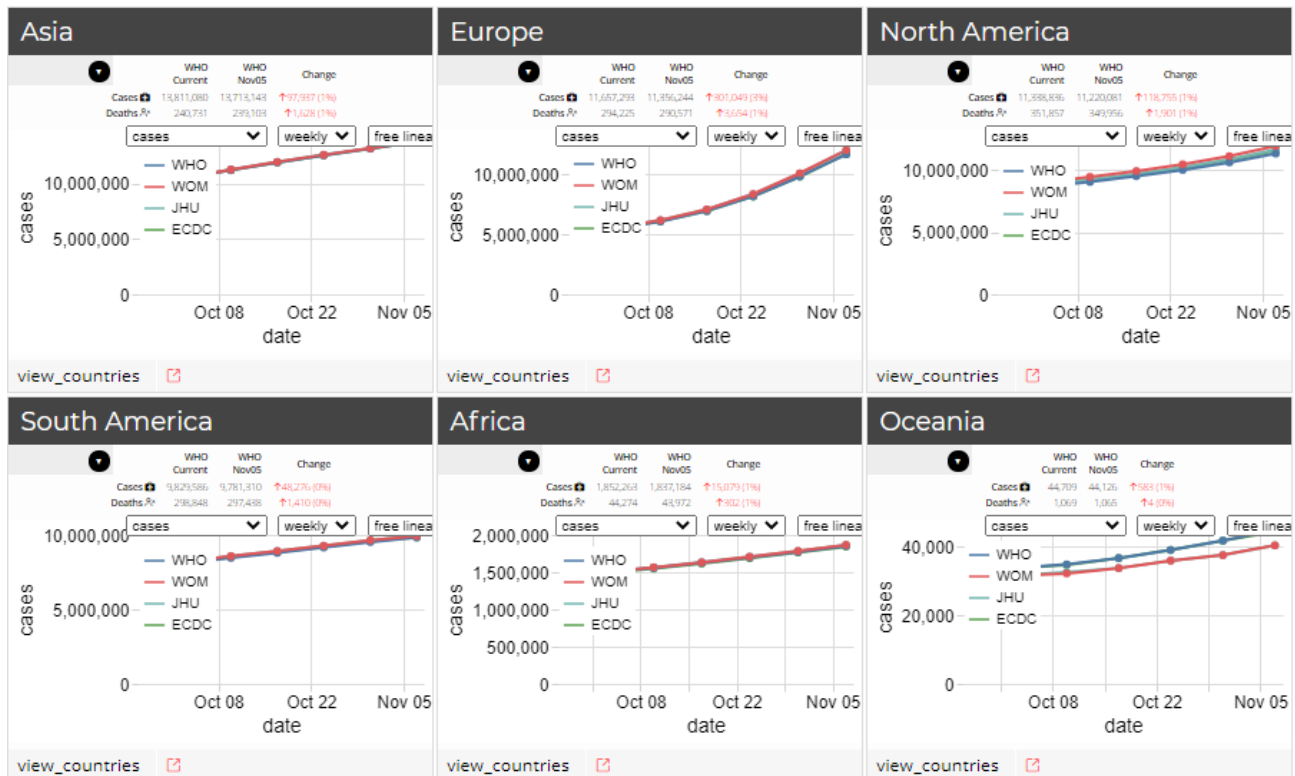
Note: data proposed in the tables below are collected through the Epidemic Intelligence from Open Sources (EIOS), that is a collaborative effort across public health organisations worldwide to facilitate the early detection of and response to potential health threats using publicly available information. World Health Organization (WHO) leads the EIOS initiatives since 2017. Additional information about EIOS: <https://www.who.int/eios>

*Last month news*

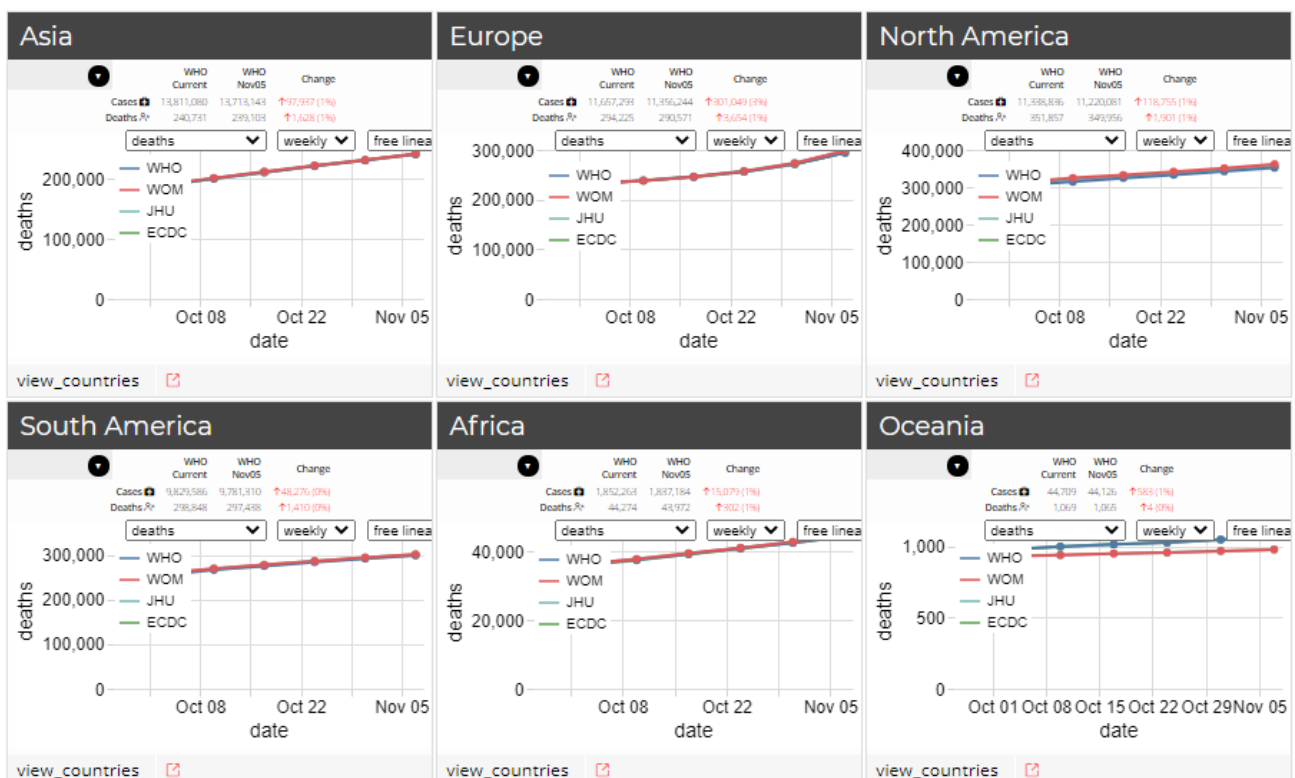
OVERVIEW OF COVID-19 PANDEMIC



Worldwide cases compared trends



Worldwide deaths compared trends





GLOBAL NEWS ON CBRNE EVENTS

This section gathers news of global relevance related to political, economical, social, legal aspects of the wider CBRNE sector, and it is organized in four sections, according to news availability:

- chemical
- biological
- radiological and nuclear
- explosives

News are proposed in cronological order.





Global news

CHEMICAL



World

Chemical Warfare Agents

Event – Database brings clarity to chemical weapons lists.

Summary – Molecular structures and other identifiers will help to compare chemical warfare agents controlled by three different international frameworks. That's why researchers are hopeful that a new database of Chemical Warfare Agents (CWAs), including molecular structures and other key details, will help efforts to clamp down on these deadly composites. The frameworks maintain lists of CWAs or their precursors, identified using text-only descriptions: their name and a registry number set by CAS (Chemical Abstracts Service - Registry Number), a division of the American Chemical Society (ACS publishes C&EN).

Source: <https://cen.acs.org/content/cen/articles/98/i39/Database-brings-clarity-chemical-weapons.html>

Reported: 07/10/2020



Global news

RADIOLOGICAL AND NUCLEAR



World

Rosatom and IAEA

Event – Rosatom Tech extends role as IAEA Collaborating Centre.

Summary – The International Atomic Energy Agency (IAEA) has announced that Rosatom Technical Academy (Rosatom Tech) has become the first IAEA Collaborating Centre to extend its work with the Vienna-based agency into three different programmatic areas: nuclear sciences and applications, nuclear security and nuclear energy.

Source: <https://www.world-nuclear-news.org/Articles/Rosatom-Tech-extends-role-as-IAEA-Collaborating-Ce?feed=feed>

Reported: 22/10/2020

World

Nuclear Regulatory Association

Event – The Commonwealth of Independent States (CIS) plans to establish an association of nuclear energy regulators and organisations that provide scientific and technical support.

Summary – A draft memorandum on this was approved at the 21st meeting of the CIS commission on the peaceful uses of nuclear energy, which was held via video link yesterday. The meeting was chaired by the head of the commission, Belarus' Deputy Energy Minister Mikhail Mikhadyuk.

Source: <https://www.world-nuclear-news.org/Articles/CIS-nations-to-form-nuclear-regulatory-association?feed=feed>

Reported: 28/10/2020



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 cronological order.





CHEMICAL



Somalia

Industrial Chemical Misuse

Event – Authorities intercept nearly 80 tons of industrial chemical used to make powerful explosives.

Summary – Nearly 80 tons of sulfuric acid was seized in Somalia on Wednesday, with authorities saying the chemical was being smuggled to the al-Shabaab militant group. “A total of 79 tons of sulfuric acid have been seized and the individuals who were smuggling it to the al-Shabaab mafia will face the law,” Somalia’s National Intelligence and Security Agency (NISA) said in a statement, without disclosing any more details.

Source: <https://www.aa.com.tr/en/africa/somalia-sulfuric-acid-on-way-to-al-shabaab-seized/2005841>

Reported: 14/10/2020



BIOLOGICAL



Democratic Republic of Congo

Monkey Pox

Event – High number of monkey pox cases reported.

Summary – The World Health Organization (WHO) reports a total of 4,594 suspected cases of Monkey Pox, including 171 deaths (case fatality ratio 3.7%), from 127 health zones. The provinces reporting the highest number of suspected cases include Sankuru with 973 (21.2%) suspected cases, Mai-Ndombe with 964 (21%) suspected cases, Equateur with 586 (12.8%) suspected cases, Tshuapa with 520 (11.3%) suspected cases and Mongala with 518 (11.3%) suspected cases (Figure 2). From 1 January to 13 September, Kwilu province is reporting the highest case fatality ratio of 16.7% (1 death/6 suspected cases), followed by Tshopo 8.1% (17 deaths/211 suspected cases), and Mai-Ndombe 7.8% (75 deaths/964 suspected cases).

Source: <https://www.who.int/csr/don/01-october-2020-monkeypox-drc/en/>

Reported: 01/10/2020

South Africa

Rabies

Event – Two additional deaths in Kwazulu-Natal.

Summary – The National Institute for Communicable Diseases (NICD) report two additional rabies deaths in children from KwaZulu-Natal. One case involved a two-year-old child from Umlazi, Durban, who was admitted in hospital with muscle fatigue, hyper-salivation and paralysis. The second case involved a four-year-old child who was reportedly attacked by a dog in Marianhill, eThekweni, in April 2020. The source of this rabies case and whether PEP was administered is unclear.

Source: <http://outbreaknewstoday.com/rabies-two-additional-deaths-in-kwazulu-natal-south-africa-58430/>

Reported: 02/10/2020

Nigeria

Yellow fever

Event – Outbreak update.

Summary – In week 25, there were 18 suspected cases reported from 16 LGA in 12 states. Between week 1 and 40 in 2020, a total of 1 843 suspected cases including 12 presumptive positive cases and 5 confirmed cases were reported. In 2019, a total of 4 288 suspected cases were reported in 618 (83.1%) LGAs from all states in the country. Four states: Katsina, Kebbi, Bauchi and Benue had the highest attack rates. A total of 227 cases were confirmed in Nigeria and from IP Dakar and 231 deaths were reported.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336026/OEW41-0511102020.pdf>

Reported: 02/10/2020



BIOLOGICAL



Sudan

Poliovirus

Event – Additional vaccine-derived polio case.

Summary – One additional circulating vaccine-derived poliovirus-2 (cVDPV2) case was reported in the Red Sea province.

Source: <http://outbreaknewstoday.com/sudan-reports-another-polio-case-vaccination-campaign-planned-for-8-6-million-children-86451/>

Reported: 04/10/2020

Chad

Chikungunya

Event – Outbreak update.

Summary – Health authorities have reported 34,445 cases. Cases have been confirmed in health districts of Abéché (Ouaddai Province), Biltine (WadiFira Province), and d'Abdi, Gozbeida (Sila Province).

Source: <http://outbreaknewstoday.com/chikungunya-outbreak-in-chad-nears-35000-cases-since-august-67471/>

Reported: 04/10/2020

Mali

Yellow fever

Event – Outbreak update.

Summary – A total of 134 suspected cases have been reported including 4 confirmed cases and 1 death. Confirmed cases of yellow fever were reported from the Sikasso and Koulikoro regions.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336026/OEW41-0511102020.pdf>

Reported: 04/10/2020



BIOLOGICAL



Sudan

Chikungunya Outbreak

Event – Declaration of State of health emergency.

Summary – The Sudan Ministry of Health and Social Development has declared a State of Health Emergency in West Darfur after confirming 45 cases of chikungunya fever out of a total of 52 suspected cases. No deaths have been recorded.

Source: <https://3ayin.com/en/>

Reported: 06/10/2020

Democratic Republic of Congo

Poliomyelitis (cVDPV2)

Event – Outbreak update.

Summary – One cVDPV2 positive environmental sample was reported in Kinshasa this week. The country continues to be affected by several other genetically-distinct cVDPV2s (notably in Kasai, Kwilu, Kwango and Sankuru provinces).

Source: <https://apps.who.int/iris/bitstream/handle/10665/336026/OEW41-0511102020.pdf>

Reported: 07/10/2020

Democratic Republic of Congo

EVD (Ebola Virus Disease)

Event – Outbreak update.

Summary – In Équateur Province the number of affected health areas remains at 42 out of 13 health zones. The cumulative total of EVD cases is 128 (119 confirmed and nine probable) including 53 deaths (case fatality ratio 41.4%). The case fatality ratio among confirmed cases 37.0% (44 deaths/119 confirmed cases). The number of health workers affected remains at three, making up 2.3% of all cases.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336026/OEW41-0511102020.pdf>

Reported: 11/10/2020



BIOLOGICAL



Mauritania

Rift Valley Fever Outbreak

Event – Dozen confirmed cases of RVF.

Summary – A total of 88 samples of suspected cases have been sent to the National Institute for Public Health Research (INRSP): 36 were positive (by PCR and Elisa), 46 were negative. Six samples are still pending for results. Confirmed cases have been reported in 9 regions (Adrar, Assaba, Brakna, HodhElchargui, Hodh El Gharby, Tagant, Trarza, Gorgol et NoukchottSud). 13 total deaths have been reported from the confirmed cases, for a case–fatality of 36 percent.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336026/OEW41-0511102020.pdf>

Reported: 11/10/2020

Burundi

Measles

Event – Outbreak update.

Summary – Burundi has reported a total of 989 confirmed measles cases of which 154 are lab–confirmed and the rest were clinically compatible cases and epidemically linked. The current outbreak is affecting the following districts: Bukinanyana (Cibitoke province), Ngozo (Ngozi province), Bujumbura Nord (Bujumbura province). There have been no deaths reported.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336026/OEW41-0511102020.pdf>

Reported: 11/10/2020

Cameroon

Cholera

Event – Outbreak update.

Summary – The outbreak first affected the Littoral region with 939 (50.8%) cases and 53 (67%) deaths; followed by South, with 767 (41.5%) cases and 24 (30.4%) deaths. Currently, there are three active regions, with five health active health districts, out of 18 originally affected.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336026/OEW41-0511102020.pdf>

Reported: 11/10/2020



BIOLOGICAL



Central African Republic

Measles

Event – Outbreak update.

Summary – In week 38, a cumulative total of 28 633 cases with 137 deaths (case fatality ratio 0.5%) had been reported in 21 health districts across the country. The capital, Bangui, the west of the country and centre-east are the most affected areas of the country. A total of 2.6 million children were targeted in both phases of the vaccination campaigns, with particular emphasis on children aged 6–59 months. Twenty out of the 22 health districts in phase 2 of the responsive vaccination campaign.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336026/OEW41-0511102020.pdf>

Reported: 11/10/2020

Chad

Chikungunya

Event – Outbreak update.

Summary – 34 445 cases of Chikungunya recorded and 1 death. The age range most affected is 15 years of age and older, and females are more affected than males. Cases have been confirmed in health districts of Abéché (Ouaddai Province), Biltine (WadiFira Province), and d'Abdi, Gozbeida (Sila Province). More than three quarters of patients develop severe fevers, headaches, excruciating and disabling joint pain; a third of these patients developed pruritic maculopapular rashes.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336026/OEW41-0511102020.pdf>

Reported: 13/10/2020

Nigeria

Lassa Fever

Event – Outbreak Update.

Summary – A total of five new confirmed cases with 1 death were reported from three states - Ondo (three cases with one death), Edo (one case), and Ebonyi (one case) in week 41 (week ending 11 October 2020). From 1 January to 11 October 2020, a total of 1 117 cases (1 103 confirmed and 14 probable) with 242 deaths (CFR 21.7%) have been reported from 129 Local Government Areas across 27 states in Nigeria. A total of 12 contacts are currently being followed.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336161/OEW42-1218102020.pdf>

Reported: 11/10/2020



BIOLOGICAL



Burkina Faso

Acute Jaundice Syndrome

Event – Outbreak update.

Summary – There have been 119 suspected cases of febrile and non-febrile jaundice detected in IDPs in Barsalogo health district, North Central Region of Burkina Faso. This includes 15 deaths of which 11 were among pregnant or postpartum women. Of the 119 cases notified, 88 samples were taken. Eight out of nine samples were IgM positive for Hepatitis E at a hospital laboratory in Montpellier, France on 25 September and 3 samples tested IgM positive for yellow fever and 1 sample was undetermined at the Laboratoire National de Référence des Fièvres Hémorragiques Virales (LNR-FHV) in Centre Muraz; confirmation from IP Dakar is pending.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336161/OEW42-1218102020.pdf>

Reported: 12/10/2020

Cotè d'Ivoire

Poliomyelitis (cVDPV2)

Event – Outbreak update.

Summary – Four cases of circulating vaccine-derived Poliovirus type 2 (cVDPV2) were reported; one each in Gbokle-Nawa-San-Pedro, Loh-Djiboua, Poro-Tchologo-Bagoue and Tonkpi provinces. The total number of cVDPV2 cases reported in 2020 is 33.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336161/OEW42-1218102020.pdf>

Reported: 14/10/2020

Angola

Measles

Event – Outbreak update.

Summary – The cumulative total of Measles suspected cases is 1312 that have been notified and investigated of which 1 027 have been confirmed (329 by laboratory and 698 by epidemiological linkage). There was a total of 5 deaths reported from 1 January to 1 July 2020 in 14 provinces across Angola; there is no further information regarding deaths for this current period.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336161/OEW42-1218102020.pdf>

Reported: 18/10/2020



BIOLOGICAL



Chad

Measles

Event – Outbreak update.

Summary – There is a cumulative total of 8 584 suspected cases of measles (with 362 confirmed by IgM), with 39 deaths (case fatality ratio 0.45%) recorded in 99 out of 126 (79%) health districts. More than 70% of cases are concentrated in four main districts, Kyabe, Goundi, Beneto and Sarh.

Source: <https://apps.who.int/iris/bitstream/handle/10665/336161/OEW42-1218102020.pdf>

Reported: 18/10/2020

Democratic Republic of Congo

Ebola Virus Disease (EVD)

Event – Outbreak update.

Summary – The cumulative total of EVD cases is 128 (119 confirmed and 9 probable) including 53 deaths (case fatality ratio 41.4%). The case fatality ratio among confirmed cases 37.0% (44 deaths/119 confirmed cases). The number of health workers affected remains at three, making up 2.3% of all cases. One health area and one health zone have been active in the past 21 days (27 September to 17 October 2020). A total of 13/18 (72.2%) of health areas and 42/284 (14.8%) of health zones reported at least one confirmed case of EVD. A total of 797 new alerts (including 12 deaths) were reported (929 alerts recorded to date 880 (94.7%) were investigated and 304 (34.5%) were validated).

Source: <https://apps.who.int/iris/bitstream/handle/10665/336161/OEW42-1218102020.pdf>

Reported: 18/10/2020

Sudan

Viral Haemorrhagic Fever

Event – Report.

Summary – The number of suspected Viral Haemorrhagic fever (VHF) cases stands at 2,226, with 99 per cent of cases reported in Northern State. According to the Federal Ministry of Health (FMoH), 56 people have died from VHF. VHF includes a wide range of viral infections, namely Ebola and Marburg haemorrhagic fevers, Crimean–Congo haemorrhagic fever (CCHF), Rift Valley fever (RVF), Lassa fever, Hantavirus diseases, Dengue and Yellow fever, according to the World Health Organization (WHO).

Source: <https://reliefweb.int/sites/reliefweb.int/files/resources/Situation%20Report%20-%20Sudan%20-%2022%20Oct%202020%20%281%29.pdf>

Reported: 22/10/2020



BIOLOGICAL



Sudan

Chinkungunya

Event – Outbreak update.

Summary – The UN Office for the Coordination of Humanitarian Affairs (OCHA) reports that 248 people in West Darfur were diagnosed with Chikungunya, with one related death reported.

Source: <https://reliefweb.int/sites/reliefweb.int/files/resources/Situation%20Report%20-%20Sudan%20-%202022%20Oct%202020%20%281%29.pdf>

Reported: 22/10/2020



EXPLOSIVES



Angola

UXO

Event – UXO injures 3 children.

Summary – Three children of the same family were injured today after the explosion of an ordnance device in Panguila, province of Bengo; minors have been transported to the city hospital of Dande.

Source: <https://guardiao-ao.com/2020/10/03/explosao-de-engenho-no-panguila-deixa-tres-menores-feridos/>

Reported: 03/10/2020

Somalia

Roadside IED

Event – Military vehicle targeted by IED.

Summary – Military vehicle was hit by a roadside Improvised Explosive Decice in Shabeli province, central Somalia, killing six soldiers and injuring 4 others; the al-Qaeda-linked Somali youth group claimed responsibility for the attack by its Radio.

Source: <http://www.deyaralnagab.com/main.php?content=20&id=13309>

Reported: 08/10/2020

Angola

UXO

Event – Explosion kills 2 children and injures a third one.

Summary – 2 children died and one was injured in Belo Monte the Sequele, municipality of Cacuaco in Luanda, as result of the explosion of a device; the incident occurred around the unit tanks of the angolan armed forces.

Source: <https://www.verangola.net/va/pt/102020/Sociedade/22262/Duas-crian%e7as-morreram-e-uma-ficou-ferida-por-explos%e3o-de-engenho-perto-de-Luanda.htm>

Reported: 12/10/2020

Mali

Roadside bomb

Event – Reinforcements ambushed by roadside bomb.

Summary – Militants raided a military outpost in the central town of Sokoura, near the border with neighbouring Burkina Faso, killing nine soldiers; reinforcements sent to the outpost were ambushed and hit a roadside bomb.

Source: <https://punchng.com/23-killed-in-fresh-mali-attacks/>

Reported: 13/10/2020



EXPLOSIVES



Zimbabwe

IED

Event: Explosion in Luveve.

Summary – In recent weeks artisanal miners have been involved in attacks which have left people dead or injured. The National Peace and Reconciliation Commission raised concern over the resurgence of violence among artisanal miners. In Luveve, the explosion tore a hole into a house. It destroyed eight window panes and shredded two asbestos roofing sheets from the house while rattling windows of nearby houses

Source: <https://nehandaradio.com/2020/10/15/explosive-set-off-in-love-wrangle-late-night-blast-rocks-luveve-suburb/>

Reported: 15/10/2020

Mali

Roadside IED

Event – UN peacekeeper killed by IED.

Summary – UN peacekeeper was killed in northern Mali and another seriously wounded after their vehicle hit a roadside bomb; the blast occurred 50 kilometres south of the northern city of Kidal.

Source: <https://www.news24.com/news24/Africa/News/un-peacekeeper-killed-in-mali-roadside-bomb-20201015>

Reported: 15/10/2020

South Africa

IID

Event – Two CoCT law enforcement vehicles hit.

Summary – Two City of Cape Town (CoCT) law enforcement vehicles have been petrol bombed in Eerste River during a Police operation in the area of the Bosasa housing development; the cars were heavily damaged.

Source: <https://ewn.co.za/2020/10/18/2-coct-law-enforcement-vehicles-petrol-bombed-in-eerste-river>

Reported:

18/10/2020



EXPLOSIVES



Somalia

IED

Event – Explosion kills Somali National Army members.

Summary – 4 soldiers of the Somali National Army were killed between El-Baraf and Biyo Adde, Middle Shabelle; the team was traveling from Jalalaqsi to Mogadishu when their vehicle ran over an Improvised Explosive Device leading to massive destruction.

Source: <https://www.garoweonline.com/en/news/somalia/bomb-kills-soldiers-in-somalia-as-war-on-al-shabab-stepped-up>

Reported: 19/10/2020

Somalia

IED

Event – Landmine blast in Mogadishu

Summary – A landmine blast killed at least 2 people and injured several others on Tuesday in Mogadishu. The explosion targeted Director-General of Immigration and Naturalization Directorate Mohamed Aden Koofi in KM 4 near Hotel Afrik in the capital. The director-general escaped unscathed. No group has claimed responsibility for the attack but Al-Qaeda linked group Alshabab have conducted similar attacks in the area this year.

Source: <https://www.radiodalsan.com/en/2020/10/20/immigration-chief-survives-ied-attack-in-mogadishu/>

Reported: 20/10/2020

Algeria

IED

Event – 2 women killed by IED.

Summary – Woman and daughter were killed by an Improvised Explosive Device planted in the Bouaros area of the northern city of Ain Ad Dafli; the 67 years old victim's mother is an armed surrendered widow.

Source: <https://www.alwatanvoice.com/arabic/news/2020/10/25/1377429.html>

Reported: 25/10/2020



EXPLOSIVES



Somalia

VBIED

Event – 3 killed in blast.

Summary – Three people have been killed in a car Improvised Explosive Device blast in Bayregion; explosion went off in Qansaxdhere town when the device ignited into a district commissioner's vehicle.

Source: <https://mareeg.com/deadly-blast-kills-3-in-somalia/>

Reported: 31/10/2020



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



Syria

Chemical Weapons Use

Event – OPCW issues two Fact-Finding Mission reports on chemical weapons use allegations in Aleppo and Saraqib, Syria.

Summary – The Organisation for the Prohibition of Chemical Weapons FFM's activities regarding the allegation in Aleppo included visiting hospitals to collect medical records and witness accounts, conducting interviews, obtaining information, and gathering other data. The FFM also received environmental samples from State Parties. It further analysed a range of inputs, including witness testimonies, results of environmental sample analysis, epidemiological and technical analyses, and additional digital information from witnesses and State Party technical experts.

Source: <https://www.opcw.org/media-centre/news/2020/10/opcw-issues-two-fact-finding-mission-reports-chemical-weapons-use>

Reported: 02/10/2020

Russia

Environmental Pollution

Event – Suspect chemical dispersion causes maritime fauna mass-kill.

Summary – A suspected spill of chemical agents in the waters around the peninsula of Kamchatka have caused the death of a multitude of local marine animals and the poisoning of several people that were swimming in the area. Although the Russian authorities defined the case as a “natural disaster”, locals and environmentalists accused the local military areas as the source of the pollution.

Source: <https://polarjournal.ch/en/2020/10/04/massive-pollution-kills-kamchatkas-marine-organisms/>

Reported: 04/10/2020

China

Gas Explosion

Event – Gas explosion leaves 4 dead, 1 injured in north China's coal mine.

Summary – Four people have been confirmed dead and another injured in a gas explosion in a coal mine in north China's Shanxi Province, according to local authorities on Tuesday.

Source: <http://www.businessworld.in/article/Gas-explosion-leaves-4-dead-1-injured-in-north-China-s-coal-mine/20-10-2020-333435/>

Reported: 20/10/2020



CHEMICALS



India

Monochloroacetic Acid Production

Event – Approval for the expansion in MCA production.

Summary – Anaven received the environmental clearance for the expansion of the production of monochloroacetic acid. The production will be increased to 32.000 metric tons and the Gujarat plant owned by the company will be considered the biggest in terms of MCA production

Source: <https://www.nouryon.com/news-and-events/news-overview/2020/nouryon-and-atul-receive-environmental-clearance-to-expand-mca-production-in-india/>

Reported: 21/10/2020

Saudi Arabia

Chemical Project

Event – Sabic expands chemical project with Aramco.

Summary – Saudi Basic Industries Corporation (Sabic) has expanded the scope of converting crude oil to chemicals project with Saudi Aramco company to include existing development programmes of advancing crude to chemicals technologies as well as through integrating existing facilities.

Source: http://www.tradearabia.com/news/OGN_374261.html

Reported: 22/10/2020

Iran

Petrochemical Fire

Event – An explosion causes a fire at a petrochemical plant in southwestern Iran.

Summary – Mysterious explosions followed by fire at Khormosi Petrochemical Company in Bandar-e Emam, Mahshahr County, Khuzestan Province, Iran.

Source: <https://twitter.com/AlainBRK/status/1319643233434075136>

Reported: 23/10/2020



CHEMICALS



China

Event – New Bohai Sea gas field goes into operation.

Summary – The China National Offshore Oil Corporation (CNOOC), the listed unit of the largest producer of offshore crude oil and natural gas in China, said on Friday that its new gas field in the Bohai Sea commenced production.

Source: http://www.xinhuanet.com/english/2020-10/23/c_139462795.htm

Reported: 23/10/2020

China

Self-sufficiency

Event – China moves towards chip self-sufficiency and obtains a used ASML system.

Summary – The ASML system was purchased by Suzhou Crystal Clear Chemical for a total of \$11.02 million, and in a separate filing, the company announced that it would raise over \$80 million to fund photoresist material projects to help reduce the dependence on foreign supplies. ASML Holding N.V. is a Dutch company and currently the largest supplier in the world of photolithography systems for the semiconductor industry.

Source: <https://www.electropages.com/blog/2020/10/china-moves-towards-chip-self-sufficiency-and-obtains-used-asml-system>

Reported: 23/10/2020



BIOLOGICAL



Iran

COVID-19

Event – Nearly all of Iran on Coronavirus red alert as cases, deaths hit records.

Summary – Iran's Health Ministry said on Monday nearly the whole country was on a Coronavirus red alert as cases and deaths rose to record levels, with a member of the state task force's warning field hospitals might be needed if people flout the rules.

Source: <https://www.reuters.com/article/us-health-coronavirus-iran/nearly-all-of-iran-on-coronavirus-red-alert-as-cases-deaths-hit-records-idUSKBN26Q1MT>

Reported: 05/10/2020

India

New COVID-19 Test

Event – India's new paper COVID-19 test could be a 'game changer'.

Summary – A team of scientists in India has developed an inexpensive paper-based test for Coronavirus that could give fast results similar to a pregnancy test. The BBC's Soutik Biswas and Krutika Pathi unpack how it works. The test, named after a famous Indian fictional detective, is based on a gene-editing technology called Crispr. Scientists estimate that the kit - called Feluda - would return results in under an hour and cost 500 rupees (about \$6.75; £5.25). Feluda will be made by a leading Indian conglomerate, Tata, and could be the world's first paper-based COVID-19 test available in the market. "This is a simple, precise, reliable, scalable and frugal test," Professor K. Vijay Raghavan, principal scientific adviser to the Indian government, told the BBC.

Source: <https://www.bbc.com/news/world-asia-india-54338864>

Reported: 05/10/2020

UAE

COVID-19

Event – UAE company nears end of COVID-19 vaccine clinical trials.

Summary – A United Arab Emirates company is nearing the end of Phase III clinical trials of a Chinese COVID-19 vaccine and hopes to manufacture it next year, a representative said.

Source: <https://english.alarabiya.net/en/coronavirus/2020/10/09/Coronavirus-UAE-company-nears-end-of-COVID-19-vaccine-clinical-trials>

Reported: 09/10/2020



BIOLOGICAL



China

COVID-19 Vaccine

Event – China's experimental COVID-19 vaccine appears safe – study.

Summary – A Chinese experimental Coronavirus vaccine being developed by the Institute of Medical Biology under the Chinese Academy of Medical Sciences was shown to be safe in an early stage clinical trial, researchers said.

Source: <https://www.reuters.com/article/us-health-coronavirus-china-vaccine/chinas-experimental-COVID-19-vaccine-appears-safe-study-idUSKBN26S0FS>

Reported: 07/10/2020

China

COVID-19 Vaccine

Event – Coronavirus: risk of ADE low with new Chinese vaccine candidate, researchers say.

Summary – The team behind a Chinese COVID-19 vaccine candidate say early phase trials of their product suggest it is unlikely to cause a potentially harmful antibody-dependent enhancement (ADE) of the disease.

Source: <https://www.scmp.com/news/china/science/article/3104710/coronavirus-risk-ade-low-new-chinese-vaccine-candidate>

Reported: 08/10/2020

China

COVID-19 Vaccine

Event – China says will purchase COVAX vaccines for 1% of population.

Summary – China will purchase COVID-19 vaccines for 1% of its population, or 15 million people, via a global scheme backed by the World Health Organization, the Foreign Ministry said on Friday.

Source: <https://www.reuters.com/article/us-health-coronavirus-china-covax-minist/china-says-will-purchase-covax-vaccines-for-1-of-population-idUSKBN26U0PR>

Reported: 09/10/2020

China

African Swine Fever

Event – China finds African Swine fever in piglets in Chongqing.

Summary – China's agriculture ministry confirmed on Friday African Swine Fever in piglets illegally transported to the southwestern city of Chongqing, the first reported outbreak since July 25.

Source: <https://www.reuters.com/article/us-china-swinefever-piglets/china-finds-african-swine-fever-in-piglets-in-chongqing-idUSKBN26U12B>

Reported: 09/10/2020



BIOLOGICAL



Iran

COVID-19

Event – Iran has highest daily death toll from virus, currency plunges

Summary – Iran announced on Sunday its highest daily death toll from the Coronavirus with 251 confirmed dead, the same day local media reported two senior officials had been infected and the nation's currency plunged to its lowest level ever.

Source: <https://uk.news.yahoo.com/iran-currency-slides-head-nuclear-103921821.html>
Reported: 11/10/2020

Iran

Bio Technology

Event – Iranian bio technology ranks 12th in world, first in West Asia.

Summary – Iran is ranked 12th in the world and first in West Asia in terms of biotechnology, as 9.5 percent of the income of knowledge-based companies and more than 60 percent of their exports are related to biotechnology.

Source: <https://www.tehrantimes.com/news/453487/Iranian-biotechnology-ranks-12th-in-world-first-in-West-Asia>
Reported: 12/10/2020

UAE

COVID-19 Vaccine

Event – UAE to host vaccine trial for Russia's Sputnik V.

Summary – Russia's Sputnik-V Coronavirus vaccine will be tested in the United Arab Emirates, the government said on Monday.

Source: <https://www.thenationalnews.com/uae/health/uae-to-host-vaccine-trial-for-russia-s-sputnik-v-1.1092478>
Reported: 12/10/2020

China-Bangladesh

COVID-19 Vaccine

Event – Health Minister: Bangladesh will not co-fund Sinovac's vaccine trial.

Summary – Bangladesh will not co-fund a late-stage domestic trial of a potential Coronavirus vaccine developed by China's Sinovac Biotech, the country's health minister Zahid Maleque told Reuters on Tuesday.

Source: <https://www.reuters.com/article/us-health-coronavirus-bangladesh-china/bangladesh-will-not-co-fund-sinovacs-vaccine-trial-health-minister-idUSKBN26Y26B>
Reported: 13/10/2020



BIOLOGICAL



Thailand

COVID 19 Vaccine

Event – Siam Bioscience will collaborate with Oxford.

Summary – An agreement between the Thai Siam Bioscience and the British AstraZeneca was signed for the production of the vaccine developed by the University of Oxford. With the agreement a vaccine will be distributed in the ASEAN countries and will increase the perspective to fight the virus in the south-Asian region.

Source: <https://asia.nikkei.com/Spotlight/Coronavirus/Siam-Bioscience-to-produce-Oxford-COVID-19-vaccine-for-ASEAN>

Reported: 14/10/2020

China

COVID-19 Vaccine

Event – Second inactivated SARS-CoV-2 vaccine candidate from China reports clinical data.

Summary – The Lancet Infectious Diseases has published the first clinical data on BBIBP-CorV, an inactivated whole virus vaccine directed against SARS-CoV-2. The early stage phase I/II study tested the Chinese-developed vaccine in 540 healthy volunteers, including 96 older participants. All vaccine recipients seroconverted and the adverse event profile was mild.

Source: <https://www.bioworld.com/articles/499016-second-inactivated-sars-cov-2-vaccine-candidate-from-china-reports-clinical-data>

Reported: 15/10/2020

China

COVID-19 Vaccine

Event – China's Sinopharm offers experimental COVID-19 vaccines to students.

Summary – A division of Chinese state-run Sinopharm Group Co Ltd that is developing two COVID-19 vaccines is offering them for free to Chinese students going abroad for higher studies.

Source: <https://www.reuters.com/article/us-health-coronavirus-china-vaccine/chinas-sinopharm-offers-experimental-COVID-19-vaccines-to-students-wsj-idUSKBN27003j>

Reported: 15/10/2020



BIOLOGICAL



China

COVID-19 Vaccine

Event – Sinovac Coronavirus vaccine offered by Chinese city for emergency use costs \$60.

Summary – A Chinese city is offering Sinovac Biotech's experimental COVID-19 vaccine to essential workers and other high-risk groups as part of a national programme for about \$60.

Source: <https://www.reuters.com/article/us-health-coronavirus-china-vaccine/sinovac-coronavirus-vaccine-offered-by-chinese-city-for-emergency-use-costs-60-idUSKBN2710UQ>

Reported: 16/10/2020

China

COVID-19 Vaccine

Event – Coronavirus vaccine candidate from China's CNBG shows promise in human test.

Summary – The potential vaccine, dubbed BBIBP-CorV, is being developed by the Beijing Institute of Biological Products, a subsidiary of China National Biotech Group (CNBG).

Source: <https://www.reuters.com/article/us-health-coronavirus-vaccine-cnbg/coronavirus-vaccine-candidate-from-chinas-cnbg-shows-promise-in-human-test-study-shows-idUSKBN27033P>

Reported: 16/10/2020

China

Filter Face Mask

Event – FDA reissues EUA for certain filtering face-piece respirators manufactured in China

Summary – The US Food and Drug Administration (FDA) reissued the Emergency Use Authorization (EUA) for certain filtering face-piece respirators (FFRs) that are manufactured in China and are not approved by the Centers for Disease Control and Prevention's (CDC) National Institute for Occupational Safety and Health (NIOSH).

Source: <https://www.news-medical.net/news/20201016/FDA-reissues-EUA-for-certain-filtering-face-piece-respirators-manufactured-in-China.aspx>

Reported: 16/10/2020



BIOLOGICAL



China-USA

Bio Research

Event – Second defector's knowledge of Chinese biological reaches US.

Summary – US intelligence agencies recently increased their knowledge of China's biological research with the help of a defector, according to people familiar with the incident.

Source: <https://www.washingtontimes.com/news/2020/sep/16/second-china-defector-gives-biological-weapons-inf/>

Reported: 16/10/2020

China

COVID-19 Medical Development

Event – AI model will differentiate COVID-19 from other respiratory diseases.

Summary – Chinese researchers published a paper in the journal Nature Communications earlier this month proposing an artificial intelligence model that can help doctors quickly differentiate between COVID-19, influenza, and pneumonia with high accuracy.

Source: http://www.xinhuanet.com/english/2020-10/17/c_139445902.htm

Reported: 17/10/2020

China

COVID-19

Event – Frozen food package polluted by living Coronavirus could cause infection.

Summary – China's disease control authority said on Saturday that contact with frozen food packaging contaminated by living new coronavirus could cause infection.

Source: <https://www.reuters.com/article/us-health-coronavirus-china-packaging/frozen-food-package-polluted-by-living-coronavirus-could-cause-infection-chinas-cdc-says-idUSKBN2720MD>

Reported: 17/10/2020



BIOLOGICAL



China

New Biosafety Regulation

Event – New China biosafety law seeks to prevent infectious disease spread after COVID-19 crisis.

Summary – The Standing Committee of China's 13th National People's Congress passed a new biosafety law at its 22nd session Saturday after the third reading of the draft in Beijing. The Biosafety Law has ten chapters and eighty-eight articles which deal with risks in the biosafety field, national biosafety governance, and systems for minimizing biosafety threats. The law provides for the establishment of 11 basic systems for biosecurity risk prevention and control. These preventative measures include systems for risk monitoring and early warning, information sharing, biosafety review, and emergency response.

Source: <https://www.jurist.org/news/2020/10/china-passes-new-biosafety-law-to-prevent-spread-of-infectious-diseases/>

Reported: 19/10/2020

China

COVID-19 Vaccine

Event – Sinopharm says may be able to make over 1 billion Coronavirus vaccine doses in 2021.

Summary – China National Pharmaceutical Group (Sinopharm), one of several Chinese firms developing coronavirus vaccines, said it may have the capacity to produce more than 1 billion doses in 2021, Chairman Liu Jingzhen said on Tuesday.

Source: <https://www.reuters.com/article/us-health-coronavirus-china-vaccine/sinopharm-says-may-be-able-to-make-over-one-billion-coronavirus-vaccine-doses-in-2021-idUSKBN2750VB>

Reported: 20/10/2020

China

COVID-19 vaccine

Event – 60,000 volunteers receive Chinese COVID-19 vaccines in phase-3 trials.

Summary – A total of about 60,000 volunteers have been given Chinese COVID-19 vaccines as part of phase-3 clinical trials, with no severe side-effects reported, a Chinese official said Tuesday.

Source: http://www.xinhuanet.com/english/2020-10/20/c_139454581.htm

Reported: 20/10/2020



BIOLOGICAL



China

COVID-19 Vaccine

Event – Chinese city to offer COVID-19 vaccine candidate as emergency use expands.

Summary – A city in China's Zhejiang province will offer experimental Coronavirus vaccines to its residents, as China broadens an emergency use programme to people in non-priority groups.

Source: <https://www.reuters.com/article/us-health-coronavirus-china-vaccine/chinese-city-to-offer-COVID-19-vaccine-candidate-as-emergency-use-expands-idUSKBN2760CF>
Reported: 21/10/2020

China

Bioplastic Plant

Event – Futerro inaugurate its new bioplastic production unit.

Summary – The branch of the Belgian group Galactic, Futerro, has started the production of bioplastic in China, in the province of Anhui. The bioplastics produced in the plant come from the Poly Lactic Acid (PLA) that is produced during the fermentation process of sugar and may. The new unit will give to the Belgian company an increase of 30.000 metric ton per year of PLA.

Source: <https://www.lecho.be/entreprises/chimie/futerro-ouvre-une-usine-de-bioplastiques-en-chine/10259554.html>
Reported: 21/10/2020

China

COVID-19 Vaccine

Event – Fujifilm partners Shanghai firm to seek China COVID-19 approval for Avigan.

Summary – Japan's Fujifilm Holdings Corp 4901.T said on Thursday it has partnered with Shanghai-based Carelink Pharmaceutical Co to seek approval in China for Avigan to treat COVID-19 and influenza.

Source: <https://www.reuters.com/article/us-fujifilm-avigan-china/fujifilm-partners-shanghai-firm-to-seek-china-COVID-19-approval-for-avigan-idUSKBN27707Z>
Reported: 22/10/2020



BIOLOGICAL



UAE

COVID-19 Vaccine HUB

Event – Emirates SkyCargo to set up world's largest vaccine hub.

Summary – Emirates SkyCargo is stepping up its readiness to handle the logistical complexities of distributing a potential COVID-19 vaccine globally by creating the world's first dedicated airside cargo hub for the vaccine in Dubai, UAE.

Source: http://www.tradearabia.com/news/IND_374299.html

Reported: 22/10/2020

China

COVID-19

Event – China launches mobile COVID-19 testing lab.

Summary – Since the outbreak of the novel Coronavirus epidemic, waiting in long queues for a COVID-19 test has been a major hurdle in getting tested. However, the advent of a mobile laboratory may help alleviate the problem.

Source: http://www.xinhuanet.com/english/2020-10/23/c_139462049.htm

Reported: 23/10/2020

Israel

COVID-19 Vaccine

Event – Israel to start COVID-19 vaccine human trials on Nov. 1.

Summary – Israel will begin human trials for a potential COVID-19 vaccine developed by a research institute overseen by the Defence Ministry on Nov. 1 after receiving regulatory approval, the ministry said on Sunday.

Source: <https://www.reuters.com/article/us-health-coronavirus-israel-vaccine/israel-to-start-COVID-19-vaccine-human-trials-on-nov-1-idUSKBN27A0U6>

Reported: 25/10/2020



BIOLOGICAL



Russia

COVID Vaccination

Event – Russia could start mass-vaccination in the early 2021.

Summary – The President Vladimir Putin announced that between the end of the year and the beginning of the 2021, mass-vaccinations may start in Russia. The president also announced that both the vaccine produced and registered in Russia are safe and effective, while a third one could be registered soon. The trial for the Sputnik-V vaccine are still in progress and will soon arrive at the third phase with the vaccination of 40.000 infected.

Source: <https://www.aa.com.tr/en/europe/russia-may-start-mass-vaccination-by-years-end/2023750>

Reported: 29/10/2020

China

COVID-19 Vaccine

Event – China's Kangtai starts mid-stage trial of its COVID-19 vaccine candidate.

Summary – China's Shenzhen Kangtai Biological Products has begun a mid-stage human trial of its experimental Coronavirus vaccine, clinical trial registry data shows.

Source: <https://uk.news.yahoo.com/chinas-kangtai-starts-mid-stage-092253768.html>

Reported: 29/10/2020

China-The Philippines

COVID-19 Vaccine

Event – China's Clover applies for Philippines COVID-19 vaccine trial.

Summary – Clover Biopharmaceuticals is seeking to conduct late-stage clinical trials in the Philippines of its Coronavirus vaccine, the country's foods and drugs agency chief said.

Source: <https://www.msn.com/en-au/lifestyle/wellbeing/china-s-clover-applies-for-philippines-COVID-19-vaccine-trial/ar-BB1ax1Sb?%2525253Bocid=spartanntp>

Reported: 30/10/2020



RADIOLOGICAL AND NUCLEAR



Iran

Nuclear Capacities

Event – UN nuclear watchdog inspects second Iran site.

Summary – IAEA says it gained access to the second site in Iran where nuclear activity may have taken place in the early 2000s. The United Nations nuclear watchdog inspected the second of two suspected former atomic sites in Iran as agreed with Tehran last month in a deal that ended a standoff over access. The International Atomic Energy Agency (IAEA) has not named either of the two undeclared sites, but it has described activities it suspects took place there in 2003.

Source: <https://www.aljazeera.com/news/2020/9/30/un-nuclear-watchdog-inspects-second-iran-site>

Reported: 01/10/2020

Iran

Nuclear Capacity

Event – Iran is going to increase nuclear power capacity to 3GW, said Minister of Energy.

Summary – Iran's Minister of Energy Reza Ardakanian says electricity generation through a nuclear power plant located on the Persian Gulf coast would triple to reach 3 gigawatts (GW). Ardakanian said that using nuclear power is a major part of his ministry's plans to diversify energy sources in Iran.

Source: <https://www.globalsecurity.org/wmd/library/news/iran/2020/iran-201004-presstv01.htm>

Reported: 05/10/2020

China

Nuclear Reactor

Event – China announces completion of their third generation nuclear reactor backed by over a thousand patents.

Summary – China's State Power Investment Corporation Limited (SPIC) has announced the completion of the development of their third generation nuclear reactor, referred to as CAP 1400, based on AP1000 technology from Westinghouse.

Source: <https://www.natlawreview.com/article/china-announces-completion-their-third-generation-nuclear-reactor-backed-over>

Reported: 05/10/2020



RADIOLOGICAL AND NUCLEAR



South Korea

SMART Missile

Event – New test for SMART missile.

Summary – A new anti-submarine system was successfully tested by the Indian Defence Research and Development Organisation (DRDO). The Supersonic Missile Assisted Release of Torpedo (SMART) is a, using the words of the DRDO chairman, game-changer in the submarine war and this new technology could represent a strategic advantage for India.

Source: <https://www.hindustantimes.com/india-news/drdo-successfully-flight-tests-supersonic-missile-assisted-release-of-torpedo/story-W9pJlC9KtQiXslltHoRt9K.html>

Reported: 05/10/2020

UAE

Nuclear Development

Event – FANR Board of Management reviews Barakah Nuclear Power Plant progress.

Summary – The Board of Management of the United Arab Emirates Federal Authority for Nuclear Regulation, FANR, has convened virtually, and reviewed the performance of the Authority in accordance with the 2020 Operational Plan as well as the progress in implementing a number of initiatives planned during this year.

Source: <https://www.msn.com/en-ae/news/other/fanr-board-of-management-reviews-barakah-nuclear-power-plant-progress/ar-BB19N3tT>

Reported: 07/10/2020

Japan

Nuclear Decommissioning

Event – The nuclear authority approves the decommissioning of Ikata power plant.

Summary – The Japanese Authority for Nuclear Regulation has approved the plan presented by Shikoku Electric Power Company in order to decommissioning the Ikata 2 nuclear power plant. Built in 1988, the power plant was taken offline in 2012 during an inspection and it has never seen its reactors start again. The process of decommissioning will take 40 years.

Source: <https://www.world-nuclear-news.org/Articles/Regulator-approves-Ikata-2-decommissioning-plan>

Reported: 07/10/2020



RADIOLOGICAL AND NUCLEAR



Iran-Russia

Nuclear Deal

Event – Iranian, Russian diplomats discuss nuclear agreement.

Summary – Iranian ambassador to Moscow Kazem Jalali and Russian Deputy Foreign Minister Sergei Ryabkov have met to discuss the latest developments surrounding the 2015 Iran nuclear deal, officially known as the Joint Comprehensive Plan of Action (JCPOA).

Source: <https://www.tehrantimes.com/news/453402/Iranian-Russian-diplomats-discuss-nuclear-agreement>

Reported: 10/10/2020

Iran

Uranium Enrichment

Event – Iran short of 'significant quantity' of nuclear material: IAEA.

Summary – International Atomic Energy Agency (IAEA) head told in an interview that Iran does not have at the moment a "significant quantity" of enriched uranium or plutonium, needed to make an atomic bomb, but the Iranians continue to enrich uranium, and to a much higher degree than they have committed themselves to. And this amount is growing by the month. The IAEA defines "significant quantity" as the approximate amount of nuclear material for which the possibility of manufacturing a nuclear explosive device cannot be excluded. Iran denies ever having had a nuclear weapons programme, saying its nuclear programme is purely for energy purposes.

Source: <https://www.reuters.com/article/us-iran-nuclear-iaea/iran-short-of-significant-quantity-of-potential-bomb-material-iaea-boss-idUSKBN26V0U1>

Reported: 10/10/2020

Russia

Nuclear Plant

Event – "Leningrad II" reactors enter in the ascension phase.

Summary – After all the tests at the second unit of the "Leningrad II" power plant, the Russian regulator for the atomic energy gave the permission to proceed for the increasing in the efficiency of the reactors. The power production will grow from 1% to the 40% of the reactor capacity. In this way, the turbines will start to produce energy that can be distributed through the national energy network.

Source: <https://nppa.gov.eg/en/leningrad-ii-2-enters-power-ascension-phase/>

Reported: 13/10/2020



RADIOLOGICAL AND NUCLEAR



Japan

Nuclear Restart

Event – Approved safety measures for the Kashiwazaki-Kariwa power plant.

Summary – Japan's Nuclear Regulatory Authority has approved the restart of the unit 7 of the Kashiwazaki-Kariwa power plant. After the safety controls the reactor, operative since 1996 will be reactivated and will be reconnected to the national energy grid.

Source: <https://www.world-nuclear-news.org/Articles/Safety-upgrade-plan-approved-for-Kashiwazaki-Kariwa>

Reported: 15/10/2020

China

Nuclear Power Electricity

Event – China National Nuclear Power's electricity production up 8.24%.

Summary – China National Nuclear Power Co., Ltd. produced more than 109.64 billion kWh of electricity for business operations in the first three quarters of this year, an increase of 8.24% year-on-year, the company said in a statement on the Shanghai Stock Exchange.

Source: http://french.xinhuanet.com/2020-10/17/c_139447692.htm

Reported: 17/10/2020

China

Export Law

Event – China passes export control law to protect civil, military, nuclear items.

Summary – China passed a new law to restrict sensitive exports to protect national security, helping Beijing gain reciprocity against US as tech tensions mount.

Source: https://www.business-standard.com/article/international/china-passes-export-control-law-to-protect-civil-military-nuclear-items-120101800165_1.html

Reported: 18/10/2020

United Kingdom-China

Nuclear Plant Cooperation

Event – EDF spending GBP300 mil/month on Hinkley C nuclear plant.

Summary – EDF Energy is spending GBP300 million (\$388.9 million) a month on the construction of the 3.2-GW Hinkley Point C nuclear power plant that it is building with its equity partner China General Nuclear Corp. in western England, a company executive said at a London webinar Oct. 20.

Source: <https://www.spglobal.com/platts/en/market-insights/latest-news/electric-power/102020-edf-spending-gbp300-milmonth-on-hinkley-c-nuclear-plant>

Reported: 20/10/2020



RADIOLOGICAL AND NUCLEAR



China

Nuclear Plant

Event – Unit 5 of the Fuqing nuclear plant reaches the critical reaction.

Summary – After more than 1 month from the upload of the fuel in the unit 5 of the Fuqing nuclear power plant, the reactor core achieved the critical level. More tests will be done before connecting the reactor and the energy production system to the national energetic grid. The official date for the commercial use is set for the beginning of the next year.

Source: <https://www.world-nuclear-news.org/Articles/First-Hualong-One-reactor-achieves-criticality>

Reported: 21/10/2020

Oman

Nuclear

Event – Oman calls for nuclear-weapons free world at UNGA.

Summary – The Sultanate has called for a world free of nuclear weapons and other Weapons of Mass Destruction during the work of the seventy-fifth session of the United Nations General Assembly.

Source: <https://timesofoman.com/article/oman-calls-for-nuclear-weapons-free-world-at-unga#:~:text=Counselor%20Al%20Zadjali%20affirmed%20in,universality%20of%20no%20nuclear%2Dproliferation.>

Reported: 21/10/2020

UAE

Nuclear Regulation

Event – UAE gets key ISO certifications for robust nuclear regulatory system.

Summary – The UAE's Federal Authority for Nuclear Regulation (FANR) has been awarded six ISO certifications this year for the robust systems, it has put into place to carry out its mandate to regulate the nuclear industry in the country.

Source: http://www.tradearabia.com/news/CONS_374303.html

Reported: 22/10/2020

China

Nuclear Development

Event – Nuclear power unit with China-developed reactor achieves criticality.

Summary – China's first nuclear power unit using Hualong One technology, a domestically developed third-generation reactor design, achieved criticality in Fuqing, east China's Fujian.

Source: http://www.xinhuanet.com/english/2020-10/22/c_139459204.htm

Reported: 22/10/2020



RADIOLOGICAL AND NUCLEAR



UAE-Indonesia

Nuclear Cooperation

Event – University of Sharjah, Indonesian National Nuclear Energy Agency sign cooperation agreement.

Summary – The University of Sharjah and the Accelerator Technology Science Centre (CAST) of National Nuclear Energy Agency (BATAN) sign a cooperation agreement to use the virtual nuclear research reactor to train students of the university in the field of accelerator technology and environmentally-friendly nuclear energy.

Source: <https://wam.ae/en/details/1395302879577>

Reported: 22/10/2020

UAE-France

Nuclear Development Cooperation

Event – "E-Fusion"+50 companies from the UAE and France now ready to invest in the local nuclear industry.

Summary – In the framework of E-fusion live event, the UAE-France Industrial Supply Chain Initiative for Nuclear was held virtually and gathered more than 50 companies from France and the United Arab Emirates, highlighting the opportunities to support the local nuclear industry, and hear testimonials from local companies on the keys to building successful partnerships between the UAE and French companies.

Source: https://www.zawya.com/uae/en/press-releases/story/EFusion50_companies_from_the_UAE_and_France_now_ready_to_invest_in_the_local_nuclear_industry-ZAWYA20201022070918/

Reported: 22/10/2020

Iran

Missiles Test

Event – Army test homemade Bavar-373 surface-to-air missile during drills.

Summary – Iran's Defence Ministry tested the country's own-made long-range surface-to-air missile known as the Bavar-373 during large-scale military exercises in Semnan on Thursday.

Source: <https://www.ruptly.tv/en/videos/20201023-020-Iran--Army-test-homemade-Bavar-373-surface-to-air-missile-during-drills>

Reported: 23/10/2020



RADIOLOGICAL AND NUCLEAR



China

Power Plant Development

Event – China-Richem and Nedstack sign Memorandum of Understanding on PEM fuel cell power plant technology partnership.

Summary – China-Richem and Nedstack, a leading player in the Proton Exchange Membran fuel cell industry, cooperate on the industrialization of large scale PEM power plant technology, parties anticipate a strong increase in demand for large-scale fuel cell deployment and pursue compliance, cost reduction and wide deployment.

Source: <https://fuelcellsworks.com/news/china-richem-and-nedstack-sign-mou-on-pem-fuel-cell-power-plant-technology-partnership/>

Reported: 23/10/2020

Japan

Carbon Neutrality

Event – Japan pledge to become carbon neutral by 2050.

Summary – The Prime Minister Yoshihide Suga announced that Japan will become carbon neutral by the half of the century. The PM continued his discussion citing the importance of the change in the use of energy, aligning his country with the carbon policies of the European Union and China.

Source: <https://www.theguardian.com/world/2020/oct/26/japan-will-become-carbon-neutral-by-2050-pm-pledges>

Reported: 26/10/2020

China

New Refinery Project

Event – A new refinery will be built in Yulong.

Summary – Wanted by the local administration in collaboration with local investors, the new factory will produce 400.000 b/d and will be completed by the 2025. Also, the project will consist in a 3mn t/yr Ethylene unit and other facilities. The project is expected to boost the industrial production in the Shandong province and, in particular help the aluminum industry, as the main investor will be Nanshan, main private aluminum producer in the area.

Source: <https://www.argusmedia.com/en/news/2153503-china-pushes-ahead-with-400000-bd-yulong-refinery>

Reported: 26/10/2020



RADIOLOGICAL AND NUCLEAR



China

Nuclear Development

Event – Chinese nuclear reactor type ready for commercial use.

Summary – Unit 5 at the Fuqing nuclear power plant in China's Fujian province attained a sustained chain reaction for the first time on Oct. 21, China National Nuclear Corporation (CNNC) has announced.

Source: https://larouchepub.com/pr/2020/20201026_chinese_reactor.html

Reported: 26/10/2020

Iran

Nuclear Site

Event – Satellite photos show a new or regraded road south of Natanz.

Summary – A recent Planet Labs satellite image shows a site south of Natanz cleared away with what appears to be construction equipment there, while an Oct. 21 old image from Maxar Technologies shows trucks, cars, backhoes and other vehicles at the cleared site. Analysts from the James Martin Center for Nonproliferation Studies at the Middlebury Institute of International Studies say they believe the site is undergoing excavation.

Source: <https://apnews.com/article/joe-biden-donald-trump-dubai-iran-iran-nuclear-2f6574ec6585a928e1417c184dbf5f65>

Reported: 26/10/2020

Iran

Nuclear deal

Event – Iran says would welcome US return to nuclear deal with 'Guarantees'.

Summary – Iran said it would welcome a US return to the landmark 2015 nuclear deal after its November 3 election provided it "guarantees" not to pull out again.

Source: <https://english.aawsat.com/home/article/2590761/iran-says-would-welcome-us-return-nuclear-deal-guarantees>

Reported: 28/10/2020



EXPLOSIVES



Syria

IED

Event – School students injured by Improvised Explosive Device.

Summary – IED went off when intermediate school students were passing by in Bait Jin town of Qatana area, southwestern Damascus countryside, on the road connecting the town and its farms, injuring nine of them.

Source: <http://www.sana.sy/en/?p=204775>

Reported: 01/10/2020

Syria

IED

Event – No casualties IED blast in Dora Noroz.

Summary – Improvised Explosive Device went off in the Mahmoudiya district of the central Syrian town of Dora Noroz, causing no casualties.

Source: <https://www.arabstoday.net/1152/120903>

Reported: 01/10/2020

Iraq

IED

Event – Alliance convoy targeted on the highway.

Summary – Convoy of logistical support for the International Alliance coalition forces was targeted by the blast of an Improvised Explosive Device on the international highway in Diwaniya province.

Source: <https://hathalyoum.net/articles/2502011--انفجار-عبوة-ناسفة-على-رتل-للدعم-اللوجستي-للقوات>

Reported: 01/10/2020

Iraq

PBIE

Event – Female bomber targets Police.

Summary – Female suicide bomber targeted plainclothes police personnel at the Black Sea junction early in the morning, killing their commander and wounding several people in Mogadishu.

Source: <https://www.radioshabelle.com/one-killed-several-wounded-in-somalia-suicide-bombing/>

Reported: 01/10/2020



EXPLOSIVES



Afghanistan

VBIED

Event – Explosion at a security checkpoint.

Summary – At least nine security officers, including civilians, killed after a vehicle embedded with explosive devices went off near a security barrier in Nahr Saraj, District of Helmand province, south Afghanistan.

Source: <https://www.khaama.com/car-bomb-explosion-kills-9-in-helmand-87656/>
Reported: 01/10/2020

Lebanon

Report:Beirut Detonation

Event – Lebanon asks Interpol to arrest Russian ship captain, owner over port explosion.

Summary – Lebanon has asked Interpol to issue arrest warrants for the Russian captain and owner of the ship that brought the explosive material that detonated at Beirut port in August, killing nearly 200 people, state media reported.

Source: <https://www.reuters.com/article/us-lebanon-crisis-blast-ship/lebanon-asks-interpol-to-arrest-russian-ship-captain-owner-over-port-explosion-idUSKBN26M7KY>
Reported: 02/10/2020

Thailand

IED + Secondary IED

Event – Improvised Explosive Device and its backup target security forces.

Summary – Two IEDs targeting security forces exploded in Bacho district but caused no injuries; the first detonated beside a local road at Jampha Kor Moo, while the second about 50 metres away, targeting a unit sent to investigate the first explosion.

Source: <https://www.bangkokpost.com/thailand/general/1995591/two-bombs-target-ranger-patrol-no-injuries>
Reported: 02/10/2020



EXPLOSIVES



Iraq

IED

Event – Blast kills Kurdish youth in Kirkuk.

Summary – 17-year old boy was killed by the blast of an Improvised Explosive Device in the village of Kabiba of Debbs district, Dahuk province.

Source: <http://www.sotaliraq.com/2020/10/02/ناسفة-تسفر-عن-مقتل-شاب-كوردی-فی-كرکوك>
Reported: 02/10/2020

Syria

IED

Event – IED explosion injures 2.

Summary – Improvised Explosive Device went off in a car near Al-Nayrouz roundabout in Al-Villat street in Afrin city; the explosion injured at least two persons and caused material damage.

Source: <https://www.syriahr.com/en/186487/>
Reported: 02/10/2020

Syria

IED

Event – 5 children wounded by IED.

Summary – Five children were wounded by the blast of an Improvised Explosive Device in the Baba Amr neighborhood of Homs, in central Syria.

Source: <https://www.enabbaladi.net/archives/420391>
Reported: 03/10/2020

Afghanistan

VBIED

Event – Explosion close to Governor's compound.

Summary – 13 people were killed and over 30 others were wounded in a car bomb explosion in front of the National Directorate of Security, near the district Governor's compound in Ghani Kheil district in the eastern province of Nangarhar.

Source: <https://tolonews.com/afghanistan-166770>
<https://tolonews.com/news-hour-166818>
Reported: 03/10/2020



EXPLOSIVES



Pakistan

IED

Event – Intelligence Operation kills 2.

Summary – At least two “hardcore” terrorists were killed while another was arrested in an Intelligence Based Operation (IBO) conducted by the security forces in Mir Ali town of North Waziristan, the Inter-Services Public Relations (ISPR) said. “Security forces conducted an IBO in Mir Ali, North Waziristan. “Two hardcore terrorists were killed, while one terrorist was apprehended,” the military’s media wing said.

Source: <https://counteriedreport.com/pakistan-army-kills-two-terrorists-arrests-one-in-ibo/>

Reported: 04/10/2020

Afghanistan

IED

Event – AIC official’s driver killed by IED.

Summary – The driver of AIC - Access to Information Commission member Hamdullah Arbab succumbed to the wounds he suffered in an Improvised Explosive Device blast in Kabul.

Source: https://www.pajhwok.com/en/subscription-required?redirect_from=580756

Reported: 04/10/2020

Syria

VBIED

Event – Car bomb targets police checkpoint.

Summary – Three Police officers were killed and seven others wounded in a car bomb explosion that ripped through a checkpoint of police corps in the city of Al-Bab, in the northeastern countryside of Aleppo province.

Source: http://www.xinhuanet.com/english/2020-10/04/c_139418410.htm

Reported: 04/10/2020



EXPLOSIVES



Kabul

Remote IED

Event – An IED with a remote control was found by police behind a private school in Kabul.

Summary – An Improvised Explosive Device (IED) with a remote control was found by Police in the Afghan capital on October 4, the press service of the republic's interior ministry said. The bomb was planted behind a private school in Kabul in the Zeinabad district, in the capital's ninth Police district, agency spokesman Tariq Arian said. The terrorists, according to Kabul Police spokesman Ferdouz Faramartz, were going to disrupt the upcoming Teacher's Day.

Source: <https://twitter.com/TariqArian3/status/1312677754584944640>

Reported: 04/10/2020

Iraq

Motorcycle IED

Event – Hidden IED hits policeman.

Summary – Policeman was injured in an explosion in Al Fallujah, Al Anbar governorate; he was targeted by the blast of an Improvised Explosive Device hidden on a motorcycle parked on Route 40.

Source: <https://hathalyoum.net/articles/2505675-انفجار-بيان-تصدر-بشأن-انفجار>

Reported: 05/10/2020

Afghanistan

IED

Event – Company commander targeted by IED.

Summary – Gul Agha known as Laiwani, company commander of Nawa district in southern Helmand province, has been killed by the blast of an Improvised Explosive Device.

Source: https://www.pajhwok.com/en/subscription-required?redirect_from=580891

Reported: 05/10/2020



EXPLOSIVES



Bangladesh

IED

Event – IED in Awami League rally for elections.

Summary – Three persons were injured by the blast of an IED at a bypoll rally of Awami League in Bangladesh's Joypurhat; Bangladesh Nationalist Party accused the Awami League of staging the episode in an attempt to malign their image and stop them from participating in the elections.

Source: <https://www.myanmarnews.net/news/266597900/kalai-bypoll-crude-bomb-blast-in-awami-league-rally-leaves-3-injured>

Reported: 05/10/2020

Afghanistan

VBIED

Event – Governor targeted and wounded by IED.

Summary – Several people were either killed or wounded after a suicide car bomb blast rattled Mehtarlam city, capital of Laghman province; the blast targeted the convoy of the provincial Governor running along a road.

Source: http://www.china.org.cn/world/Off_the_Wire/2020-10/05/content_76779612.htm

Reported: 05/10/2020

Afghanistan

Magnetic IED

Event – Explosion kills tribal elder.

Summary – Haji Fazel, tribalelder of the Shakarkhil tribe, has been killed by the blast of a magnetic mine on Salukhil Road in the provincial capital of Gardez.

Source: <https://www.khaama.com/tribal-chief-killed-in-a-magnetic-bomb-blast-987678/>

Reported: 05/10/2020

Syria

VBIED

Event – Tens killed and wounded in car bomb explosion in northern Syria.

Summary – Tens of people were either killed or wounded in a car bomb explosion that rocked a rebel-held city in the northern province of Aleppo, state news agency SANA reported.

Source: http://www.xinhuanet.com/english/2020-10/06/c_139422336.htm

Reported: 06/10/2020



EXPLOSIVES



Syria

VBIED

Event – Truck bomb explodes near bus station.

Summary – At least 18 people were killed and dozens injured in a truck bomb explosion in the town of Al-Bab, Halab province northeast of Syria; the vehicle exploded near a bus station and taxis in the center of the city.

Source: <https://www.france24.com/ar/20201006>

<https://www.telemetro.com/internacionales/2020/10/07/aumentan-a-19-muertos-y-mas-de-80-heridos-por-coche-bomba-en-norte-de-siria/3315644.html>

Reported: 06/10/2020

Bangladesh

Playground IED

Event – Children injured by explosion at school.

Summary – Two children were injured after an Improvised Explosive Device they mistook for a toy exploded at Ghop Mahmudur Rahman School ground in Jessore town; Sapan and Mehedi found the object while playing in the school.

Source: <https://www.dhakatribune.com/bangladesh/nation/2020/10/06/2-children-hurt-in-crude-bomb-blast-in-jessore>

Reported: 06/10/2020

Afghanistan

Roadside Mines

Event – 3 civilians killed in Kapisa.

Summary – At least three civilians, including a woman, were killed in a roadside mine blast in the northeastern province of Kapisa on Wednesday morning, said Shayeq Shores, a spokesman for the provincial Police chief.

Source: <https://tolonews.com/afghanistan-166868>

Reported: 07/10/2020

Afghanistan

Magnetic Mine

Event – IED hidden in a carton box.

Summary – Two people were wounded in the explosion of a magnetic mine planted in a carton box near Hairatan border town; one of the injured was an employee of the municipality of Hairatan town and the other was a passerby.

Source: <https://www.khaama.com/balkh-magnetic-bomb-wounds-2-098878/>

Reported: 07/10/2020



EXPLOSIVES



Afghanistan

VBIED

Event – Checkpoints targeted by car bombs.

Summary – Two soldiers and three others were injured by the blast of a car bomb at a security checkpoint for the second time within a week, in the district of Nahre Saraj in Helmand province.

Source: <https://www.notimerica.com/politica/noticia-afghanistan-dos-soldados-muertos-otros-tres-heridos-explosion-coche-bomba-sur-afghanistan-20201007074601.html>

Reported: 07/10/2020

Afghanistan

Roadside IED

Event – IED blast claims 3 civilians.

Summary – Three civilians, two men and a woman, have been killed in a roadside bomb blast in the Tagab district of the Kapisa province; the mine targeted a vehicle in the Khasachinai area.

Source: <https://www.khaama.com/kapisa-blast-claims-3-civilians/>

Reported: 07/10/2020

Russia

Explosive Ordnance

Event – Explosion at ammo storage facility.

Summary – At least 13 victims and thousands evacuated after huge explosion at ammo depot; the blast rocked the storage facility in the western Russian region of Ryazan and anyone within a 5km radius was moved from the area.

Source: <https://www.dailystar.co.uk/news/world-news/breaking-least-13-dead-thousands-22811318>

Reported: 08/10/2020

Syria

IED

Event – IED hidden in a car wash injures.

Summary – Two people were injured by the explosion of an Improvised Explosive Device planted beside Al-Qasem laundry in the center of Al-Sabil district of the city of Dar'a, head of Dar'a province.

Source: <http://www.sana.sy/es/?p=155225>

Reported: 08/10/2020



EXPLOSIVES



Afghanistan

Roadside IED

Event – Governor of Dolat Shah district killed.

Summary – Sharif Pacha, the governor of Dolat Shah district of the province, was killed following the blast of a roadside mine that exploded in the Anda-Kori area killing two security personnel and wounding two others.

Source: <https://www.khaama.com/roadside-bomb-kills-laghmans-district-governor-9878676/>

Reported: 08/10/2020

Iraq

IED

Event – IED placed beneath a commercial vehicle.

Summary – Improvised Explosive Device placed beneath a vehicle trading car parts exploded as it passed through the area of Kasra and Athirsh, east of Baghdad, killing one person and wounding his son.

Source: <https://mangish.net/مقتل-شخص-وإصابة-نجله-بتفجير-شرقي-بغداد/>

Reported: 08/10/2020

Philippines

Roadside IEDs

Event – Ambush attack targets vehicles.

Summary – Two roadside bombs exploded while PNP patrol car and a van were traversing Maharlika Highway, in the vicinity of Brgy. Tagbayaon towards Catbalogan City; 5 persons, including two teachers and a policeman, were hurt in the ambush attack.

Source: <https://mb.com.ph/2020/10/08/five-hurt-in-npa-attack-in-samar/>

Reported: 08/10/2020

Lebanon

Explosion

Event – Small explosion at bakery in Lebanese capital kills 4 people.

Summary – A diesel tank exploded inside a Beirut building on Friday night, killing four people and injuring several others, the Lebanese Red Cross said.

Source: <https://abcnews.go.com/International/wireStory/small-explosion-bakery-lebanese-capital-kills-people-73527678>

Reported: 09/10/2020



EXPLOSIVES



Afghanistan

Roadside IED

Event – Seven civilians killed in Helmand, Herat blasts.

Summary – A roadside bomb blast that hit a passenger bus in Gereshk district, Helmand province left five civilians dead and nine others wounded, the Defense Ministry said in a statement.

Source: <https://tolonews.com/afghanistan-166936>

Reported: 10/10/2020

Afghanistan

Mine Blast

Event – 13 people killed in roadside blast in Sar-e-Pul.

Summary – At least 10 Afghan National Army (ANA) soldiers and 3 civilians were killed Saturday in a roadside blast in Sar-e-Pul province, a security source said.

Source: <https://tolonews.com/afghanistan-166960>

Reported: 11/10/2020

Iran

Gas Explosion

Event – At least 3 killed as gas explosion flattens building near marketplace in Iran.

Summary – An explosion from a gas leak has brought down a two-story residential building close to a packed marketplace in the city of Ahvaz in southwestern Iran.

Source: http://www.china.org.cn/world/Off_the_Wire/2020-10/11/content_76795280.htm

Reported: 11/10/2020

Iraq

Roadside IED

Event – Convoy carrying equipment targeted.

Summary – Improvised Explosive Device blast targeted a convoy, made by Iraqi transport companies, carrying the withdrawing international coalition equipment on the highway between Samawah and Diwaniya.

Source: <http://www.sotaliraq.com/2020/10/11/ا-عبوة-تستهدف-رتلاً-ينقل-معدات-التحالف/>

Reported: 11/10/2020



EXPLOSIVES



Syria

IED

Event – Al-Qadr militants killed by explosion.

Summary – Two gunmen from Al-Qadr groups were killed by the blast of an Improvised Explosive Device planted by unknown on the side of one of its patrol lines in Al-Shafa town of Deir el-Zor governorate.

Source: <https://www.alalamtv.net/news/5211566/>

Reported: 11/10/2020

Iraq

IED

Event – IED targets security vehicle.

Summary – Improvised Explosive Device hit a security vehicle in Nineveh province without casualties; the blast took place on the dirt road between the two villages of Suruah and Hzaa in Al-Shoura district.

Source: <https://hathalyoum.net/articles/2510897--عجلة-أمنية-على-عبوة-ناسفة-في-الإعلام-الأمني-انفجار-عبوة-ناسفة-على-عجلة-أمنية-في>

Reported: 11/10/2020

Afghanistan

IED

Event – Soldiers and civilians killed by IED.

Summary – Ten soldiers and three civilians killed by the blast of an Improvised Explosive Device in the district of Sozma Qala, Sar-é Pol province, in the north of the Country.

Source: <https://www.aa.com.tr/fr/monde/afghanistan-10-soldats-et-3-civils-tu%C3%A9s-suite-%C3%A0-un-attentat-%C3%A0-la-bombe-dans-le-nord-du-pays-/2002758>

Reported: 11/10/2020

Iraq

IED

Event – Army soldiers targeted by IED.

Summary – Army officer and two soldiers were injured by an explosion in Mosul as an Improvised Explosive Device targeted their vehicle in the village of Srouj in the Shoura district.

Source: <https://mangish.net/اصابة-ضابط-وجنديين-بانفجار-عبوة-ناسفة/>

Reported: 11/10/2020



EXPLOSIVES



Afghanistan

Roadside IED

Event – Passenger bus hit by roadside bomb.

Summary – Roadside bomb blast that hit a passenger bus in Gereshk district, Helmand province, left five civilians dead and nine others wounded; the 601 Highway recently closed to traffic due to damaged roads and bridges.

Source: <https://thefrontierpost.com/7-civilians-killed-in-helmand-herat-blasts/>

Reported: 11/10/2020

Afghanistan

Roadside IED

Event – Bus struck roadside IED.

Summary – Passengers' bus hit a roadside bomb in Herat-Kandahar highway in Shindand district, Herat province, killing two civilians and wounding ten others; women and children are among those wounded.

Source: <https://thefrontierpost.com/7-civilians-killed-in-helmand-herat-blasts/>

Reported: 11/10/2020

Thailand

IED

Event – IED damages SBPAC armoured vehicle.

Summary – Armoured pick-up of the Southern Border Provinces Administration Centre was slightly damaged after running over an IED in SiSakhon district; officials on board were running on a road in Si Banphot.

Source: <https://www.bangkokpost.com/thailand/general/2000903/road-bomb-damages-armoured-vehicle>

Reported: 12/10/2020

Syria

Mine + Oxidants

Event – Explosion of land mine and oxidant remnants.

Summary – Huge explosion shook the Syrian city of Afrin, north of Aleppo; the event took place due to the blast of a land mine and oxidant remnants.

Source: <https://www.alalamtv.net/news/5214066/>

Reported: 12/10/2020



EXPLOSIVES



Iraq

IED

Event – Coalition convoy hit by IED.

Summary – The blast of an IED planted on a road damaged a caravan carrying the military coalition; the event took place in the southern Iraqi province of al-Muthanna when vehicles were moving to the city of Diwaniyah, 280 kilometers south of the capital.

Source: <https://www.plenglish.com/index.php?o=rn&id=60681&SEO=us-caravan-damaged-by-bomb-blast-in-iraq>

Reported: 12/10/2020

Iraq

IED

Event – Alcoholic drinks store targeted by IED.

Summary – Powerful explosion echoed in the center of the capital Baghdad; the explosion was caused by an Improvised Explosive Device that targeted a liquor store in Salman Sufi Street in the Karada district.

Source: <https://hathalyoum.net/articles/2512391>

Reported: 13/10/2020

Iraq

Mine

Event – Mines expert: 3 billion square metres littered with mines in Iraq.

Summary – The head of the United Nations Mine Action Service (UNMAS) in Iraq, Pehr Lodhammar told the local Al-Sabah newspaper that according to figures provided by the Iraqi government, the area contaminated with mines and remnants of the two wars in Iraq amounts to 2.9 billion square metres, of which 257.37 million square metres is in the northern Kurdistan region.

Source: <https://www.middleeastmonitor.com/20201013-mines-expert-3bn-square-metres-littered-with-mines-in-iraq/>

Reported: 13/10/2020



EXPLOSIVES



Iraq

IED

Event – 10 militants killed in their own roadside bomb.

Summary – Militants were killed as their vehicle ran over a mine planted by the group in southern Kandahar province; the mine was planted on a road in Loikariz area of Shah Walikot district to target security forces.

Source: http://www.xinhuanet.com/english/2020-10/13/c_139436896.htm

Reported: 13/10/2020

India

IED

Event – Blast rips club roof.

Summary – Powerful blast ripped off the roof of a two-storey club, Beliaghata Gandhi Math Friend's Circle club located in the Gandhi Math area in Beliaghata in eastern suburban Kolkata, causing extensive damage.

Source: <https://timesofindia.indiatimes.com/city/kolkata/powerful-blast-rips-off-roof-of-two-storey-kolkata-club-damages-first-floor/articleshow/78633924.cms>

Reported: 13/10/2020

Afghanistan

Mines Blast

Event – 13 civilians killed, 20 wounded in Laghman, Herat blasts.

Summary – Five civilians, including women and children, were killed and 13 others were wounded after their vehicle was struck a roadside mine in Kesh-e-Kohna district of the province, said Tariq Arian, a spokesman for the Ministry of Interior (MoI).

Source: <https://tolonews.com/afghanistan-167047>

Reported: 14/10/2020



EXPLOSIVES



Afghanistan

Pressure-plate IED

Event – Children killed by IED blast while travelling.

Summary – 5 children lost their lives and 10 civilians were wounded after a truck they were travelling touched off a pressure-plate Improvised Explosive Device in Kushki Kuhna district of western Herat province.

Source: <https://www.dtnext.in/News/World/2020/10/14190150/1256534/8-civilians-killed-in-Afghanistan-bomb-blasts.vpf>

Reported: 14/10/2020

Iraq

Roadside IED

Event – Iraqi Army Hummer vehicle hit.

Summary – Army officer with the rank of lieutenant was injured by a blast north of Baghdad, as an Improvised Explosive Device targeted a Hummer vehicle belonging to the Iraqi Army within Al-Tarmiya district.

Source: <https://afaq.tv/contents/view/details?id=140500>

Reported: 14/10/2020

Pakistan

Roadside IEDs

Event – Army patrol targeted by IED blast.

Summary – Six soldiers, including an officer, died and several others were injured in North Waziristan when their army patrol struck two roadside bombs; the region had served in the recent years as a base for Pakistani and foreign militants.

Source: <https://www.thestar.com/news/world/asia/2020/10/14/pakistan-says-soldier-killed-by-firing-from-afghanistan.html>

Reported: 14/10/2020

Afghanistan

Car bomb

Event – Car bomb and shooting leaves 15 dead and 26 wounded.

Summary – At least 15 militants died and further 26 people, including six policemen, were injured when a car bomb exploded, followed by a shooting, against a Police base in the surroundings of Qalat, southern province of Zabul.

Source: https://www.diariocolatino.com/coche-bomba-y-tiroteo-dejan-15-muertos-y-26-heridos-en-sur-de-afganistan/?utm_source=rss&utm_medium=rss&utm_campaign=coche-bomba-y-tiroteo-dejan-15-muertos-y-26-heridos-en-sur-de-afganistan

Reported: 15/10/2020



EXPLOSIVES



Afghanistan

Roadside IED

Event – Roadside IED targets civilians.

Summary – At least six people were killed and three more were wounded in a roadside improvised explosive device blast in Ferozkoh city, Ghor province.

Source: <https://www.hindustantimes.com/world-news/6-killed-3-injured-in-bomb-blast-in-afghanistan-s-ghor-province/story-lhOHdK52QvAVdMdE04HXiN.html>

Reported: 16/10/2020

Syria

Mine explosion

Event – Deir Ezzour: Child killed in landmine explosion.

Summary – A child fell martyr today as a result of the explosion of a landmine which was left behind by the terrorist organizations in the vicinity of Graneej town in Deir Ezzour eastern countryside.

Source: <http://syriatimes.sy/index.php/news/local/51666-deir-ezzour-child-falls-martyr-in-landmine-explosion-left-behind-by-terrorists-in-the-city-s-countryside>

Reported: 16/10/2020

Afghanistan

IED

Event – Passenger bus hit by blast.

Summary – Improvised Explosive Device exploded as a passenger bus was passing by in the FairouzKua area, killing seven people, including two children, and wounding eight.

Source: <http://www.sana.sy/?p=1238878>

Reported: 16/10/2020

Syria

IED

Event – 2 girls injured.

Summary – Two girls were injured as result of the blast of an IED while they were picking olives in Shir village, east of Lattakia countryside; the soil exploded in the agricultural lands wounding the two young citizens.

Source: <http://www.sana.sy/en/?p=206556>

Reported: 17/10/2020



EXPLOSIVES



Afghanistan

Roadside Bomb

Event – Roadside IED wounds pedestrians.

Summary – In Shakayvillage of Bagram district a roadside bomb targeted a car, which was carrying head of Afghanistan Green Trend in Kapisa; 4 pedestrians including a child were wounded by the blast.

Source: <http://www.afghanistantimes.af/twin-roadside-blasts-kill-3-in-parwan/>

Reported: 17/10/2020

Israel

IED + IID

Event – Religious scholar killed in his bedroom.

Summary – Home of an employee of the Israeli Prisons Service in the Druze municipality of Asveya, Haifa, was hit by both a sound bomb and a gas bomb; the two devices exploded 30 meters away from the guard's room.

Source: <https://www.maannews.net/news/2021423.html>

Reported: 17/10/2020

Iraq

IED

Event – Alcohol store targeted in Quirish area.

Summary – Liquor store was targeted by an improvised explosive device in the Quirish area of southern Baghdad; the explosion caused only physical damage without any human injury.

Source: <https://mangish.net/>

Reported: 17/10/2020

Afghanistan

Roadside Bomb

Event – Police vehicle hit by roadside IED.

Summary – 3 policemen, including a senior officer, were killed and another was injured as a roadside Improvised Explosive Device struck a police vehicle in Lalma area of Salang, east Afghanistan's Parwan province.

Source: <http://www.bssnews.net/?p=470626>

Reported: 17/10/2020



EXPLOSIVES



Bangladesh

IEDs

Event – North Dinajpur explosions injure 3 TMC workers.

Summary – At least three Trinamool Congress Party supporters were injured when crude bombs exploded during a clash in Lakkipur area under Chopra block of North Dinajpur; Chopra block committee of Trinamul Chhatra announced a rally against the recent Hathras atrocity and farm bills.

Source: <https://www.telegraphindia.com/west-bengal/north-dinajpur-explosions-injure-3-tmc-workers/cid/1795060>

Reported: 18/10/2020

Afghanistan

VBIED

Event – Ghor Police headquarters targeted by IED.

Summary – Car bomb targeting an Afghan police headquarter in the western province of Ghor killed at least 12 people and wounded more than 100; the attack took place in Feroz Koh, the capital of Ghor.

Source: <https://larepublica.pe/mundo/2020/10/18/afghanistan-al-menos-20-muertos-y-100-heridos-a-causa-de-coche-bomba-cerca-a-comisaria-mdga/>

Reported: 18/10/2020

Iraq

Roadside Bomb

Event – Federal Police officer targeted by roadside IED.

Summary – Roadside Improvised Explosive Device targeted Al-Faw region in Kirkuk, hitting a vehicle driven by a major-rank officer of the 1st Regiment of the Federal Police; the blast produced several wounds.

Source: <https://hathalyoum.net/articles/2517130>

Reported: 18/10/2020

Syria

Roadside Bomb

Event – US convoy hit by roadside IED.

Summary – Convoy of US forces targeted by Improvised Explosive Device in Al-Saka town, governorate of Deir el-Zor; an IED planted on the side of the road produced material damage but no casualties.

Source: <https://www.alalamtv.net/news/5227436/>

Reported: 19/10/2020



EXPLOSIVES



Iraq

IED

Event – Police members hit by IED south of Mosul.

Summary – 2 Police members were injured due to the blast of an Improvised Explosive Device that targeted the patrol as it passed through Al Halila village south of Mosul, north of Iraq.

Source: <https://al-sharq.com/article/19/10/2020/>

Reported: 19/10/2020

Pakistan

Motorcycle Bomb

Event – IED targets Karachi's Shireen Jinnah Colony.

Summary – Improvised Explosive Device blast in Karachi's Shireen Jinnah Colony injured 6 people; the explosive device was fitted in a motorcycle parked outside a tyre shop near the bus terminal.

Source: <https://tribune.com.pk/story/2269196/at-least-six-people-injured-in-karachi-explosion>

Reported: 20/10/2020

Iraq

IED

Event – Father and three targeted by explosion.

Summary – Man and three of his sons died due to the blast of an Improvised Explosive Device planted near Makhmour's Ruala village; the father and his sons were busy doing their job in the area.

Source: <https://www.nrttv.com/EN/News.aspx?id=24624&MapID=1>

Reported: 20/10/2020

Afghanistan

Roadside Bombs

Event – Two roadside IEDs kill Police officers.

Summary – At least 12 Police force members, including district police chief, were killed in two explosions in Kang district, Nimroz province; the second explosion occurred when the victims were on the scene of the first explosion and were killed by the blast.

Source: <https://tolonews.com/afghanistan-167191>

Reported: 20/10/2020



EXPLOSIVES



Afghanistan

VBIED

Event – Two IED blasts in Maidan Shahr.

Summary – At least 10 civilians have been killed and several others wounded as result of two blasts by improvised explosive devices in Maidan Shahr, central Maidan Wardak province.

Source: <https://www.elbalad.news/4540354>

Reported: 20/10/2020

Syria

IED

Event – IED blast kills a child.

Summary – Child was killed and 6 other people were injured due to the blast of an Improvised Explosive Device placed close to a vehicle north-east of Aleppo.

Source: <http://www.sana.sy/es/?p=156503>

Reported: 21/10/2020

Pakistan

Explosion

Event – Building damaged by explosion in Karachi.

Summary – 3 people were killed and 15 others injured in an explosion inside a four-storey building in Karachi; the explosion happened on the first floor of a building located in Gulshan-e-Iqbal area of the city.

Source: <http://english.sina.com/world/as/2020-10-21/detail-iiznezxr7229594.shtml>

Reported: 21/10/2020

Pakistan

IED

Event – 5 people

injured in IED blast at Sheerin Jinnah bus terminal in Karachi.

Summary – Five people were wounded when a bomb exploded at the entrance of a bus terminal near Sheerin Jinnah Colony on Tuesday, said police officials and hospital sources. Police investigators said it was an Improvised Explosive Device that was planted at the gate of the terminal. According to them, a bicycle rigged with some explosive material was parked at the site a little after 3:30pm. It blew up wounding five people.

Source: <https://www.dawn.com/news/1586106/five-hurt-in-ied-blast-at-sheerin-jinnah-bus-terminal>

Reported: 21/10/2020



EXPLOSIVES



Iraq

IED

Event – 4 Islamic State members die on pick-up striking an IED.

Summary – Four members of Daesh were killed on their pick-up vehicle, by the blast of an Improvised Explosive Device in the area of al-Makkah, near Al-Sakkliriyah bridge, in Salah al-Din province.

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

Reported: 22/10/2020

Syria

Roadside Bomb

Event – IED kills Syrian cleric key to deals with rebels.

Summary – Roadside bomb killed a senior Syrian cleric who played a key role in government deals with rebel fighters; the explosion that killed Damascus Mufti Adnan Afiouni took place in the town of Qudsaya.

Source: <https://www.ynetnews.com/article/SyH3XLkOD>

Reported: 22/10/2020

Iraq

Roadside Bomb

Event – IED kills one soldier and injures two.

Summary – Improvised Explosive Device exploded close to a military patrol within Dacouk district in Kirkuk; 1 soldier was killed and 2 others were injured.

Source: <https://www.youm7.com/story/2020/10/22/>

Reported: 22/10/2020

Syria

VBIED

Event – The Gran Mufti of Damascus was killed in a car bomb attack

Summary – A bomb placed in his car has killed the Gran Mufti of Damascus not far from the center of the city. Close to the al-Assad regime, the religious man was playing a central role for the reconciliation with the insurgent groups.

Source: <https://www.aljazeera.com/news/2020/10/23/bomb-kills-muslim-mufti-for-syrias-capital-says-state-media>

Reported: 23/10/2020



EXPLOSIVES



Iraq

IED

Event – Officer and soldier injured by IED blast.

Summary – Lieutenant and soldier were injured as their army patrol was hit by an Improvised Explosive Device near Tocel village in the outskirts of Al-Meqdadiya district, 40 km northeast of Baquba.

Source: <https://hathalyoum.net/articles/2520857>

Reported: 23/10/2020

Philippines

Roadside Bomb

Event – Military personnel wounded by roadside IED.

Summary – 2 soldiers and 2 militiamen were wounded in a roadside bomb explosion in the province of Maguindanao; the incident took place in Salman village, Ampatuan, Maguindanao.

Source: <https://www.sunstar.com.ph/article/1874424/Zamboanga/Local-News/4-wounded-in-Maguindanao-roadside-bombing>

Reported: 23/10/2020

Myanmar

VBIED

Event – 2 killed and 2 injured in Navy vehicle bomb blast.

Summary – Two people were killed and two others were injured when a car bomb exploded near a naval base in Kyaukphyu Township, where Chinese natural gas projects are located.

Source: <https://www.bnionline.net/en/news/two-killed-two-injured-navy-vehicle-bomb-blast-near-kyaukphyu>

Reported: 23/10/2020

Afghanistan

Roadside IED

Event – 2 Romanian NATO soldiers slightly wounded in IED blast.

Summary – 2 Romanian soldiers were traveling in a convoy of Mine Resistant Ambush Protected vehicles in Kandahar province when an Improvised Explosive Device detonated wounding them.

Source: <https://www.stripes.com/news/middle-east/nato-troops-wounded-in-ied-blast-in-afghanistan-1.649479>

Reported: 23/10/2020



EXPLOSIVES



Syria

Roadside IED

Event – Al-Qadr militants killed as IED targeted their vehicle.

Summary – Improvised Explosive Device planted on the side of the al-Omar oil field road, in the governorate of Deir el-Zor, exploded as a military vehicle was passing by; al-Qadr militants were killed by the blast.

Source: <http://www.sana.sy/?p=1243601>

Reported: 24/10/2020

Russia

Oil Tanker Explosion

Event – A Russian oil tanker explodes in the Azov Sea.

Summary – Three crew members are missing after the explosion of the General AzniAslanov, a Russian oil tanker, that was hit by a blast during its route to Rostov-on-Don. The other 10 members were rescued, and no oil leak was reported as the tank was empty. The explosion could have been generated by the gas emission generated by the previous load, confirm the authorities.

Source: <https://apnews.com/article/fires-explosions-russia-rostov-on-don-a870d807dbaca37ab44fd71caa0bac0f>

Reported: 24/10/2020

India

IED

Event –No casualties as IED hits Bengali medium school.

Summary – No casualties due to the blast of an Improvised Explosive Device triggered in a Bengali-medium school at Saihapui village in Mizoram's Kolasib district bordering Assam.

Source: <https://timesofindia.indiatimes.com/city/guwahati/blast-damages-bengali-medium-school-building-in-mizoram/articleshow/78841310.cms>

Reported: 24/10/2020

Afghanistan

Roadside IED

Event – 2 Police officers wounded by roadside IED during patrol.

Summary – Two police officers wounded in eastern Ghazni province as a roadside IED targeted an armoured vehicle of responding Police along a main road connecting Kabul with southern and western provinces.

Source: http://www.china.org.cn/world/Off_the_Wire/2020-10/24/content_76839661.htm

Reported: 24/10/2020



EXPLOSIVES



Afghanistan

Roadside IED

Event – 9 civilians killed as bus touched off roadside IED.

Summary – Bus carrying civilians touched off a roadside improvised explosive device in Kotal-e-Rawza, an area on the outskirts of provincial capital Ghazni city, killing nine civilians.

Source: http://www.china.org.cn/world/Off_the_Wire/2020-10/24/content_76839661.htm
Reported: 24/10/2020

Afghanistan

PBIED

Event – 30 killed and over 70 wounded as explosion hits an education center.

Summary – 30 people were killed and over 70 others wounded as a suicide bomber targeted an education center in western neighborhood of Afghanistan's capital of Kabul.

Source: <https://www.hindustantimes.com/world-news/is-group-claims-responsibility-for-deadly-afghan-suicide-bombing-that-killed-18-people/story-jWB8nGl3N183MoCww9UGuK.html>

<http://www.uniindia.com/kabul-blast-death-toll-rises-to-30/world/news/2212381.html>
Reported: 24/10/2020

Iraq

IID

Event – 43 policemen wounded by Improvised Incendiary Device attack.

Summary – 43 policemen had been wounded in an improvised incendiary device attack in central Baghdad; the security forces were exposed to an attack by IIDs and sound bombs in Al-Alawy area.

Source: https://petra.gov.jo/Include/InnerPage.jsp?ID=44647&lang=ar&name=external_news
Reported: 25/10/2020

Afghanistan

IED

Event – Canal Dept. Head targeted by IED.

Summary – Nangarhar Canal Department Head, Abdul Qadir Haidari, survived a blast of an Improvised Explosive Device in Jalalabad, the provincial capital.

Source: https://www.pajhwok.com/en/subscription-required?redirect_from=582295
Reported: 25/10/2020



EXPLOSIVES



Iraq

Sticky IED

Event – Health manager injured by the explosion of a sticky IED.

Summary – Director of the health sector in Aneah district west of Al-Anbar, Dr. Uday Hatem, survived an assassination attempt by the explosion of a sticky Improvised Explosive Device placed under his personal car.

Source: <https://hathalyoum.net/articles/2523132>

Reported: 25/10/2020

Pakistan

Motorcycle IED

Event – 3 killed and 7 injured by IED in a vegetables market.

Summary – Three people were killed and seven others injured by the blast of an IED hidden in a motorcycle; the explosion took place in a market in Hazarkangi suburb of Quetta, capital of Balochistan region, SW Pakistan.

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

Reported: 25/10/2020

Syria

VBIED

Event – 3 persons wounded by motorcycle bomb in Afrin city.

Summary – Three persons were injured due to the blast of a motorcycle Improvised Explosive Device in Afrin city, Halab governorate, north Syria; the explosion targeted a barrier of the military Police on Gendres road.

Source: <https://www.alalamtv.net/news/5241721/>

Reported: 26/10/2020

Iraq

IED

Event – Boy killed by IED hidden in agricultural orchard.

Summary – Boy was killed by the blast of an Improvised Explosive Device northeast of Baquba, Diyala governorate; the device was placed near an agricultural orchard at the outskirts of the village of Al-Ghad.

Source: <https://hathalyoum.net/articles/2523818>

Reported: 26/10/2020



EXPLOSIVES



Afghanistan

Sticky IED

Event – 3 wounded by sticky bomb's explosion.

Summary – Three civilians were wounded by an IED attack hitting a government vehicle in western neighborhood of Kabul; the blast hit a 4WD car in Omid-e-Sabz locality, Police District 6.

Source: http://www.xinhuanet.com/english/2020-10/26/c_139467889.htm

Reported: 26/10/2020

Afghanistan

Roadside IED

Event – Driver killed by roadside IED in Chak district.

Summary – Mazda-model driver was killed after his car was hit by a roadside Improvised Explosive Device blast planted in Khosa area of Chak district.

Source: <http://www.afghanistantimes.af/5-killed-in-double-blasts-in-wardak/>

Reported: 26/10/2020

Afghanistan

Roadside IED

Event – 4 civilians targeted while traveling in Jalriz district.

Summary – Four civilians were killed after their car, they were travelling in, was blown up by a planted roadside Improvised Explosive Device in Jalriz district.

Source: <http://www.afghanistantimes.af/5-killed-in-double-blasts-in-wardak/>

Reported: 26/10/2020

Afghanistan

VBIED

Event – Two dead and several wounded in attack on Police base.

Summary – Car bomb attack on an Afghan police base, followed by an ongoing gun battle, have killed two policemen and wounded dozens of people in the city of Khost bordering Pakistan.

Source: <https://www.gulf-times.com/story/676397/Two-dead-several-wounded-in-attack-on-Afghan-police>

Reported: 27/10/2020



EXPLOSIVES



Iraq

IED

Event – Clan sheikh killed by Islamic State.

Summary – In Al-Khalilaniya region in Al-Meqdadiya district of Diyala governorate, one of BaniKaab's sheikhs has been killed by Islamic State and his body was then blown up with explosives in an agricultural area.

Source: <https://www.azzaman.com/>

Reported: 28/10/2020

Afghanistan

Roadside IED

Event – 5 killed in blast.

Summary – Five members of a family were killed, including three children, when a roadside Improvised Explosive Device tore through a rickshaw in Kandahar province.

Source: https://www.pajhwok.com/en/subscription-required?redirect_from=582533

Reported: 29/10/2020

Yemen

IED

Event – 7 civilians injured.

Summary – 7 citizens, including 2 children, were injured by the blast of an Improvised Explosive Device near the popular AbdouSeifmarket (Al-Eqat) in the be'er Basha region west of Taiz city.

Source: <https://almasdaronline.com/articles/206508>

Reported: 30/10/2020

Iraq

VBIED

Event – Intelligence member injured.

Summary – Member of the 24th Brigade's Intelligence was injured by the blast of a sticky Improvised Explosive Device placed under his own vehicle in the Haronite area of Al-Meqdadiya district in Diyala province.

Source: <https://mangish.net/>

Reported: 30/10/2020

Syria

VBIED

Event – 4 blast victims.

Summary – 2 people were killed and 2 others were injured as a car Improvised Explosive Device exploded on the road to the northern town of Basuta, Bref Aleppo.

Source: <https://www.enabbaladi.net/archives/428102>

Reported: 31/10/2020



EXPLOSIVES



Syria

VBIED

Event – 2 killed in blast.

Summary – 2 people were killed and others injured due to a motorcycle Improvised Explosive Device blast in northern Aleppo countryside.

Source: <https://www.enabbaladi.net/archives/428102>

Reported: 31/10/2020

Iraq

IED

Event – Baghdad IED.

Summary – One person was injured as an Improvised Explosive Device targeted a liquor store in Karada area, central Baghdad, injuring 1 person.

Source: <https://hathalyoum.net/articles/2528975>

Reported: 31/10/2020

Iraq

IED

Event – Blast damages UAE Airlines' office.

Summary – Civilian was injured by the blast of an IED in Al-Shuruq intersection of the capital Baghdad; the explosion also caused material damages to the UAE Airlines' office located near the targeted intersection.

Source: <https://hathalyoum.net/articles/2528974>

Reported: 31/10/2020

Iraq

IED

Event – 2 killed in blast.

Summary – Improvised Explosive Device placed on one of the main roads leading to Kabiseh neighborhood in Heet, west of Ramadi, exploded killing a father and his son.

Source: <http://burathanews.com/arabic/news/379538>

Reported: 31/10/2020



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





CHEMICALS



Italy.

CBRN Training

Event - "Black Glass" exercise was held within on the military district of Persano

Summary - The training activity, aimed at verifying the preparation and training of the personnel of the 4th tank regiment in an environment with the risk of CBRN contamination, saw the use of "C1-Ariete" combat tanks on the ground. The training was aimed at consolidating and increasing the capabilities of the armored unit in facing the risks arising from a hypothetical CBRN weapons as well as train the Combat Service Support (CSS) component to set up a regimental decontamination post.

Source: <https://www.difesaonline.it/news-forze-armate/terra/addestramento-carri-ambienti-contaminati>

Reported: 15/10/2020



BIOLOGICAL



Italy/USA

COVID-19

Event – Two super antibodies have been discovered capable of blocking the entry of the SarsCov2 virus into cells.

Summary – According to the virologist Galli, the two new neutralizing antibodies, called S2E12 and S2M11, are "very promising for future developments in the treatment of COVID-19". The researchers identified them by reviewing nearly 800 antibodies isolated from 12 patients who recovered from the infection.

Source: <https://notizie.tiscali.it/salute/articoli/mix-super-anticorpi-contro-COVID-galli/>
Reported: 01/10/2020

Europe

Cyber Crime

Event – COVID-19 sparks upward trend in Cyber crime.

Summary – Europol has released its 2020 Cyber crime report which updates on the latest trends and the current impact of cyber crime within the EU and beyond. The report seeks to map the cyber crime threat landscape and understand how law enforcement responds to it.

Source: <https://www.hstoday.us/subject-matter-areas/cybersecurity/report-COVID-19-sparks-upward-trend-in-cybercrime/>
Reported: 06/10/2020

United Kingdom

Plague Outbreak

Event – Scientists find medieval plague outbreaks picked up speed over 300 years.

Summary – Researchers who analyzed thousands of documents covering a 300-year span of plague outbreaks in London, England, have estimated that the disease spread four times faster in the 17th century than it had in the 14th century.

Source: <https://www.sciencedaily.com/releases/2020/10/201019155926.htm>
Reported: 19/10/2020



RADIOLOGICAL AND NUCLEAR



France/Romania

Nuclear Cooperation

Event – France and Romania plan joint work on Cernavoda project.

Summary – France and Romania have signed a declaration of intent on cooperation in the civil nuclear field, which aims, among other things, to work "with strategic partners" to build units 3 and 4 of the Cernavoda nuclear power plant and to upgrade unit 1. The document was signed yesterday by French Prime Minister Jean Castex and his Romanian counterpart Ludovic Orban, who led a delegation of his ministers to Paris.

Source: <https://www.world-nuclear-news.org/Articles/France-and-Romania-plan-joint-work-on-Cernavoda-pr?feed=feed>

Reported: 27/10/2020

Bulgaria/USA

Nuclear Cooperation

Event – Bulgaria and USA agree to nuclear cooperation.

Summary – The USA and Bulgaria recently signed a Memorandum of Understanding (MoU) on civil nuclear cooperation. Bulgarian Prime Minister Boyko Borissov noted that nuclear energy is one of the "greenest and cleanest" energies and that is why the country wants to use "safer technology of the latest generation" and to achieve diversification of nuclear fuel.

Source: <https://www.world-nuclear-news.org/Articles/Bulgaria-and-USA-agree-to-nuclear-cooperation?feed=feed>

Reported: 29/10/2020

United Kingdom

Hazardous

Chemical Containers

Event – Probe as scores of hazardous chemical containers dumped at former Fife gas plant.

Summary – Calls have been made for immediate action to be taken after scores of rusting containers full of hazardous chemicals were abandoned at a derelict former gas plant in Fife. Dozens of oil drums, plastic containers and chemical vats, many with hazardous labels attached, have been discovered in buildings at the former Westfield gas plant on the outskirts of Ballingry.

Source: https://www.thecourier.co.uk/fp/news/local/fife/1616527/probe-as-scores-of-hazardous-chemical-containers-dumped-at-former-fife-gas-plant/?utm_source=twitter

Reported: 02/10/2020



RADIOLOGICAL AND NUCLEAR



France/Romania

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Reported: 29/10/2020

Germany

Suspicious Device

Event – German Police

say suspicious device found on train near Cologne not explosive.

Summary – Police in Germany said a suspicious device found on a regional train overnight near the western city of Cologne was not explosive and did not pose a threat. A statement said bomb specialists investigated the object, which contained nails and black powder, after it was discovered by a cleaner in a cardboard box hidden in one of the train's compartments.

Source: <https://www.msn.com/en-us/news/world/update-2-german-police-say-suspicious-device-found-on-train-near-cologne-not-explosive/ar-BB19FCLI>

Reported: 03/10/2020



RADIOLOGICAL AND NUCLEAR



Greece

IED

Event – Police officers hit by petrol bombs.

Summary – Two foreign nationals have been arrested after a violent student protest in Athens and are accused of hurling Improvised Explosive Devices and other items at Police officers.

Source: <https://www.breitbart.com/europe/2020/10/04/two-foreigners-arrested-after-throwing-molotov-cocktails-at-greek-police/>

Reported: 04/10/2020

United Kingdom

Unexploded Military Ordinance

Event – A number of explosive devices have been discovered at a top Scottish golf course.

Summary – The unexploded military ordnance devices were found at Royal Troon Golf Course, as maintenance work was being carried out on the Portland course at the famous club. Police were called to the scene around 12.10pm on Monday, October 5.

Source: <https://www.heraldscotland.com/news/18771701.unexploded-bombs-discovered-royal-troon-golf-course/>

Reported: 05/10/2020

United Kingdom

EOD

Event – Bomb squad called as Angus beach closed off following 'explosive' find.

Summary – The UK Coastguard closed a section of the coastline at Carnoustie after two devices were found by a member of the public at about 12.45pm. An Explosive Ordnance Disposal (EOD) team was called to the incident from Faslane Naval Base and detonated one of the suspected explosives. The second device was found to be "inert". HM Coastguard were alerted and part of the beach close to the skatepark was closed to the public while the devices were investigated.

Source: <https://www.eveningtelegraph.co.uk/fp/bomb-squad-on-its-way-as-angus-beach-closed-off-amid-reports-of-explosive-find/>

Reported: 10/10/2020



EXPLOSIVES



Turkey

VBIED

Event – Car bomb hits hospital area.

Summary – At least six people were killed and dozens of others injured as a car bomb exploded next to the hospital in the province of Mardin, south-east of the Country.

Source:

https://www.tvr.by/news/v_mire/seriya_vzryvov_progremela_na_yugo_vostoke_turtsii/
Reported: 11/10/2020

Poland

WW2 Munition

Event – Massive WW2 bomb detonates underwater during navy operation.

Summary – Polish Navy divers have launched an unprecedented operation to “neutralise” one of the largest bombs of the Second World War. The explosive device was discovered last year at the bottom of a shipping channel in Swinoujscie, on the Baltic coast. The five-tonne bomb — nicknamed “Tallboy” and capable of causing a small earthquake — was dropped by the British Royal Air Force in an attack on a Nazi warship in 1945.

Source: <https://www.euronews.com/2020/10/14/polish-navy-bid-to-defuse-one-of-wwii-s-largest-bombs-near-baltic-coast>
Reported: 14/10/2020

Bosnia-Herzegovina

IED

Event – BiH Border Police officer’s house hit by IED.

Summary – Improvised explosive device was thrown in front of the family house of Svelad Hoffman, the Border Police of Bosnia and Herzegovina’s officer in Trebinje, but fortunately it was not properly activated.

Source: <http://www.sarajevotimes.com/bomb-thrown-in-front-of-bih-border-police-officers-house/>
Reported: 18/10/2020

Northern Ireland

Paint Bomb

Event – Big bang leaves a home painted black.

Summary – Paint bomb attack on the home of a brother of east Belfast man who was murdered by Ulster Volunteer Force (UVF) members; the attack in Convention Court left the front of the house plastered in black paint.

Source: <https://www.belfasttelegraph.co.uk/sunday-life/news/paint-bomb-attack-on-home-of-uvf-victim-ian-ogles-brother-39636269.html>
Reported: 18/10/2020



EXPLOSIVES



Italy

UXO

Event – Delicate operation of removal and neutralization of an 81mm mortar shell of American nationality, dating back to the last world war.

Summary – The divers of the Underwater Operational Group (GOS) of the Navy together with the bomb squads of the Italian Army under the 6th pioneer regiment of Rome removal and neutralization of an 81mm mortar shell of American nationality. The device was removed from the divers and handed over to the bomb squad who transported it to the safety area, identified by the competent authority, for the subsequent blasting.

Source: <https://www.difesaonline.it/news-forze-armate/interforze/palombari-della-marina-militare-e-artificieri-dellesercito-italiano>

Reported: 19/09/2020

United Kingdom

World War Ordinance

Event – Second World War explosive found in brook near Loughborough.

Summary – An explosive device has been discovered in a brook near Loughborough. Police in Charnwood said officers had been called at around 5.45pm yesterday to assist with a report of a suspected World War Two explosive device in Woodhouse Eaves. After inspecting the item, officers set up a wide cordon and the 'bomb squad' was called in.

Source: <https://www.leicesterm Mercury.co.uk/news/local-news/live-second-world-war-explosive-4618624>

Reported: 19/10/2020

Denmark

Bogus Bomb

Event – Peter Madsen recaptured trying to escape from prison with bomb threat.

Summary – The Danish inventor serving a life sentence for torturing and murdering a Swedish journalist in a self-built submarine tasted freedom for about five minutes Tuesday when he escaped from his prison but was quickly recaptured while carrying fake weapons, including a "bogus" explosives belt, officials said.

Source: <https://nypost.com/2020/10/20/convicted-submarine-killer-escapes-from-prison-with-alleged-bomb/>

Reported: 20/10/2020



EXPLOSIVES



United Kingdom

EOD

Event – Explosion carried out after reports of 'suspicious object' on Cornish beach.

Summary – A bomb disposal squad has been called to a beach near St Austell after reports of a 'suspicious object' being found. A 999 call was made from Porthpean Beach. A phosphorus marker flare was found and the Royal Navy EOD team from Plymouth was called to the scene to destroy it.

Source: <https://planetradio.co.uk/pirate-fm/local/news/explosion-carried-out-after-reports-of-uspicious-object-on-cornish-beach/>

Reported: 21/10/2020

Italy

IID

Event – IID hits Sardinian town ahead of poll.

Summary – Improvised Incendiary Device exploded behind the council house in the town of Quartu Sant'Elena outside Cagliari three days before municipal elections; by the blast, cement fragments damaged a fence, a window and shutters.

Source: <https://www.lagazzettadelmezzogiorno.it/news/english/1256024/bomb-hits-sardinian-town-ahead-of-poll.html>

Reported: 22/10/2020

United Kingdom

Bottle-based Incendiary Devices

Event – Several assailants attacked Germany's Robert Koch Institute for infectious diseases with incendiary devices overnight, causing mild damage to the building.

Summary – Security guards at the institute, which advises the government on public health measures to stem the Coronavirus pandemic, witnessed the attackers throw bottle-based incendiary devices at the building.

Source: https://www.cnbc.com/2020/10/25/germanys-infectious-disease-institute-targeted-in-arson-attempt-police-say.html?__source=sharebar|twitter&par=sharebar

Reported: 25/10/2020



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





CHEMICALS



Brazil

Toxic Smoke

Event – Fire in dump in the AC was not controlled and firefighters have used more than 500,00 liters of water.

Summary – After ten days, the fire at the solid waste landfill has not yet been controlled. The worst problem of the fire is the smoke with chemical residue that comes out of the landfill and reaches the residents and reaches the workers.

Source: <https://g1.globo.com/ac/acre/noticia/2020/09/02/apos-10-dias-incendio-em-lixao-no-ac-nao-foi-controlado-e-bombeiros-ja-usaram-mais-de-500-mil-litros-de-agua.ghtml>

Reported: 02/09/2020

Chile

Chemical Emergency

Event – Chemical emergency forced internal evacuation of Peñaflor Hospital.

Summary – A chemical emergency arose after the arrival of a patient intoxicated with hydrogen sulphide, forced the internal evacuation of Peñaflor Hospital. The intoxicated man was cared for and then transferred in serious condition to the Hospital San Juan de Dios.

Source: <https://www.cooperativa.cl/noticias/pais/salud/hospitales/emergencia-quimica-obligo-evacuacion-interna-del-hospital-de-penaflor/2020-09-10/073327.html>

Reported: 10/09/2020



BIOLOGICAL



Peru

COVID-19

Event – Lima and Callao were the source of the epidemic in Peru.

Summary – Lima and Callao have the greatest genetic diversity by COVID-19 and were the source of the expansion of the epidemic into the regions. These are the first findings of the study by a team of researchers from the Peruvian Cayateno Herida University which seeks to establish a network of processing, sequencing and genome analysis of SARS-CoV-2 to facilitate decision-making on pandemic control.

Source: <https://andina.pe/agencia/noticia-coronavirus-lima-y-callao-fueron-origen-de-epidemia-el-peru-816800.aspx>

Reported: 08/10/2020

Colombia

COVID-19

Event – Control authorities recognize installed capacity at Riohacha hospital for COVID-19 care.

Summary – After a visit by the Provincila Comptroller to the Hospital Nuestra Senora de losRemedios de Riohacha, showed that the institution has the proper capacity installed to care for patients with Coronavirus. The institution consists of a room quipped with five beds installed with ventilation and their respective equipment. The aim is to achieve an intensive and intermediate care unit in the medium term.

Source: <https://www.diariodelnorte.net/noticias/generales/autoridades-de-control-reconocen-capacidad-instalada-en-el-hospital-de-riohacha-para-atencion-del-COVID-19/>

Reported: 09/10/2020

Chile

COVID-19

Event – Chilean scientists research possible mutation of Coronavirus in Magallanes, a region closely linked to Falklands.

Summary – Scientists in Chile are investigating a possible mutation of the Coronavirus. Scientists say the mutations may make the virus more contagious but do not necessarily make it more deadly, nor do they necessarily inhibit the effectiveness of a potential vaccine.

Source: <https://www.diariodelnorte.net/noticias/generales/autoridades-de-control-reconocen-capacidad-instalada-en-el-hospital-de-riohacha-para-atencion-del-COVID-19/>

Reported: 09/10/2020



BIOLOGICAL



Brazil

COVID-19 Vaccine

Event – No vaccine will end phase 3 before the end of the year.

Summary – Mariângela Simão, deputy director general of medicines, vaccines, and products of the World Health Organization (WHO), spoke about the pace of research in search of a vaccine against the new Coronavirus. According to the specialist, no immunization being developed will finish phase 3 before December of this year. So, what the WHO is guiding, and Brazil has participated in these discussions, is that there are a prioritization of vaccinating health professionals and people from the risk group, that's about 20% of the population.

Source: <https://www.diariodelhuila.com/impugnaran-fallo-que-prohibe-el-uso-de-pistolas-electricas-durante-protestas>

Reported: 13/10/2020

Colombia

COVID-19 Surveillance

Event – Barranquilla increases active search for COVID-19 in North-Historic Center and Riomar locations.

Summary – The Mayor of Barranquilla, through the District Secretariat of Health, and with the accompaniment of seven health benefit plan insurance companies (EPS), will intensify epidemiological surveillance through community active search days to detect new cases of COVID-19. The strategy aims to do citizen education, early search for symptomatic cases and prevention of the disease in people over 60 years of age. The idea is to increase the active search in different sectors of the north of the city, where strategic points for sampling will be located to users of the different EPS, who reside in the sector, emphasizing young people and populations at risk, such as our older adults.

Source: <https://www.diariodelnorte.net/noticias/caribe/barranquilla-incrementa-busqueda-activa-de-COVID-19-en-localidades-norte-centro-historico-y-riomar-1/>

Reported: 15/10/2020



BIOLOGICAL



Brazil

COVID-19 Study

Event – A Brazilian study detected brain disorders of mild COVID-19 patients.

Summary – Scientists studied 81 patients who contracted the disease but did not have the need to be hospitalized and found that one-third of participants still had neurological or neuropsychiatric symptoms 60 days after the date of diagnosis. The researcher noted that there were "big doubts" about whether the brain dysfunction recorded in some COVID-19 patients was the result of "systemic inflammation" or whether the Coronavirus actually directly impaired the functioning of nerve cells or infects them and the results indicate that SARS-CoV-2 can enter brain cells and affect their functioning.

Source: <https://www.infobae.com/america/ciencia-america/2020/10/15/un-estudio-brasileño-detecta-alteraciones-en-el-cerebro-de-enfermos-leves-de-COVID-19/>

Reported: 15/10/2020

Colombia

COVID-19

Event – Two new COVID-19 hospitalisation units in Neiva.

Summary – Two new units were opened to hospitalize TMV-19 patients in the city. The two units arrive at a time when the capital of Huila reaches the highest peak of the pandemic, as recorded by the health authorities at the National and Departmental levels. The units are fully equipped technologically and have medical and nurse staff to start operating at any time necessary, due to the high number of COVID-19 cases that are being filed. It has 49 beds in three hospitalisation rooms for patients with coronavirus and plans to install 41 more to reach 90. More than 400 patients with respiratory symptoms have been treated at IPC headquarters. 191 patients have been referred to more complex centers and 174 patients have been discharged for improvement.

Source: <https://www.diariodelhuila.com/dos-nuevas-unidades-para-hospitalizacion-por-COVID-19-en-neiva>

Reported: 19/10/2020



BIOLOGICAL



Brazil

COVID-19

Event – A COVID-19 vaccine volunteer died in clinical trials.

Summary – Brazilian authorities report that "there were complications" in these tests where the COVID-19 vaccine is in phase III, the last test period in which the results are expected to be positive, to go out and apply massively. This treatment is carried out experimentally by AstraZeneca and the University of Oxford. Moreover, the Brazilian states of Bahia (northeast) and Paraná (south) have expressed their willingness to test Russian Sputnik-V among their inhabitants, in the absence of the endorsement of federal health authorities.

Source: <https://www.diariodelhuila.com/un-voluntario-de-vacuna-contra-COVID-murio-en-ensayos-clinicos-en-brasil>

Reported: 21/10/2020

Ecuador

COVID-19, Vaccine

Event – Ecuador signs COVID-19 vaccine supply deals with pharma companies.

Summary – Ecuador has signed supply agreements with major pharmaceutical firms including Pfizer Inc and BioNTech to provide millions of COVID-19 vaccines, the health minister said on Wednesday, adding it is seeking talks with Chinese laboratories for more supplies. The government of President Lenin Moreno has also signed a vaccine supply deal with AstraZeneca Plc and a letter of intent to buy another 2 million doses from COVAXX, a unit of United Biomedical Inc. Authorities expect the vaccines will begin arriving in 2021, with priority to be given to health professionals and workers at risk of exposure.

Source: <https://www.reuters.com/article/us-health-coronavirus-ecuador-vaccines/ecuador-signs-COVID-19-vaccine-supply-deals-with-pharma-companies-idUSKBN2762ZV>

Reported: 21/10/2020



BIOLOGICAL



Venezuela

COVID-19, Vaccine

Event – Venezuela plans to use Russian and Chinese Coronavirus vaccines.

Summary – Venezuela plans to vaccinate citizens with Russian and Chinese Coronavirus vaccines, which could arrive in the South American nation in December or January. The country received a first batch of the Russian Sputnik-V Coronavirus vaccine in early October as part of the Phase Three clinical trial, and the government said about 2,000 volunteers would participate. The delivery was the first in Latin America.

Source: <https://www.reuters.com/article/us-health-coronavirus-venezuela/venezuela-plans-to-use-russian-and-chinese-coronavirus-vaccines-idUSKBN27603F>

Reported: 21/10/2020

Colombia

COVID-19

Event – MinSalud launched National contact center for COVID-19 tracking.

Summary – The Minister of Health and Social Protection, Fernando Ruiz Gómez, noted that for a few months in Colombia the Prass program has been running through which people with COVID-19 and their contacts are tested, tracked, isolation and monitored. The senior official called this instrument an essential strategy to reduce contagion, and detailed that the center can accommodate 140,000 calls a day, running from 8:00 a.m. to 8:00 p.m. every day.

Source: <https://www.diariodelnorte.net/noticias/generales/nacion/minsalud-puso-en-funcionamiento-centro-nacional-de-contacto-para-rastreo-de-COVID-19/>

Reported: 23/10/2020

Peru

COVID-19 Vaccine

Event – Peru rejects AstraZeneca Coronavirus vaccine purchase deal.

Summary – The Peruvian government said that it refused to sign a Coronavirus vaccine purchase agreement with AstraZeneca PLC because it did not provide sufficient data from its studies and offered minimal amounts of inoculations. Despite a slowdown in the number of new infections in Peru, a second wave of the pandemic in the country is possible and AstraZeneca planned to conduct trials in Peru.

Source: <https://www.infodefensa.com/latam/2020/10/23/noticia-armada-chile-impulsa-proyecto-satelital-combatir-pesca-ilegal.html>

Reported: 23/10/2020



BIOLOGICAL



Chile

COVID-19

Event- Chile approval.

Summary – The drug is Faviflu, which in components is known as Favipiravir. It is produced by the Glenmark Indian laboratory and was authorized by the Institute of Public Health (ISP) of Chile. It will be given to patients infected with Coronavirus in five hospitals in the country. It is a drug that is used in the early stages of the disease, when the first symptoms occur and that produces two main effects: a faster recovery of the patient and a decrease in its contagion. That is, it manages to recover many patients before they get worse and, on the other hand, helps control the pandemic.

Source: <https://www.infobae.com/america/america-latina/2020/10/30/chile-aprueba-uso-de-antiviral-considerado-la-primera-droga-terapeutica-efectiva-contra-el-COVID-19/>
Reported: 30/10/2020



RADIOLOGICAL AND NUCLEAR



Brazil

Nuclear Power

Event – Westinghouse signs engineering analysis contract.

Summary – Westinghouse Electric Company has signed a contract with Brazil's state-run power company Eletrobras to conduct engineering analysis critical to the safety, reliability and long-term life of the Angra-1 nuclear power plant. Angra-1 is a 609-MW pressurised water reactor that began commercial operation in 1985. Brazil's two commercial nuclear reactors, Angra-1 and Angra-2, provided about 2.7% of the country's electricity generation, according to International Atomic Energy Agency statistics.

Source: <https://www.nucnet.org/news/westinghouse-signs-engineering-analysis-contract-for-angra-1-10-2-2020>

Reported: 06/10/2020

Honduras

Nuclear Treaty

Event – Green light to ban nuclear weapons after ratification of the treaty by Honduras.

Summary – The International Campaign to Abolish Nuclear Weapons (ICAN) announced the entry into force of the Treaty on the Prohibition of Nuclear Weapons next year after its ratification by Honduras.

Source: <https://mundo.sputniknews.com/america-latina/202010251093240942-luz-verde-a-la-prohibicion-de-armas-nucleares-tras-ratificacion-del-tratado-por-honduras/>

Reported: 25/10/2020



EXPLOSIVES



Mexico

AIED

Event – Weaponized drones (Aerial Improvised Explosive Devices) deployed by CJNG.

Summary – The Cártel Jalisco Nueva Generación (CJNG) is alleged to have attempted to deploy two weaponsized drones with C4 explosive or similar type explosives against their rivals the Carteles Unidos (United Cartels) in Tepalcatepec, Michoacán. The weaponized drones were not successfully deployed and were found by a local self-defense group (autodefensas) known as El grupo de autodefensa en Tepalcatepec.

Source: <https://smallwarsjournal.com/jrnl/art/mexican-cartel-tactical-note-46-weaponized-drones-aerial-improvised-explosive-devices>

Reported: 05/10/2020

Venezuela

Explosion

Event– Venezuela refinery denial.

Summary – An explosion occurred at the Amauay refinery, located on the western coast of the Paraguaná peninsula in Falcón state, Venezuela. The Vice President for the Economic Area of Venezuela, Tareck El Aissami assured that an explosion with an impact front and an internal and external projection at the plant is evident, while explaining that the thickness of the steel sheets allow to determine the magnitude of the explosion. Venezuelan President Nicolás Maduro also spoke out ensuring that early investigations into the Amuay refinery show that the facility was hit by a remote missile, as announced by El Aissami.

Source: <https://45segundos.com/2020/10/30/trabajadores-de-refineria-en-venezuela-desmienten-que-explosion-haya-sido-un-ataque-terrorista-como-asegura-maduro/>

Reported: 30/10/2020

Chile

IED

Event – IED blast on the eve of constitutional referendum.

Summary – Improvised Explosive Device detonated in the outskirts of the office of the Electoral service (Servel) of Temuco on the eve of the constitutional referendum planned on Sunday the 25th.

Source: <https://www.emol.com/noticias/Nacional/2020/10/24/1001658/Bomba-ruido-servel-Temuco-Plebiscito.html>

Reported: 24/10/2020



EXPLOSIVES



Peru

IED

Event – Extorsion by IED in Trujillo.

Summary – The extortionate bands are relentless in their eagerness to sow terror in traders in the province and are violating their business; this time the victim is the owner of a cevichería located in the district of Florencia de Mora.

Source: <https://diariocorreo.pe/edicion/la-libertad/trujillo-extorsionadores-detonan-bomba-en-cevicheria-noticia/>

Reported: 08/10/2020

Chile

IED

Event – Fire in a car showroom.

Summary – Attack against the Maritano Ebensperger car showroom in Concepción, resulting in four vehicles burnt and significant material damage to the offices; forensics' survey concluded that fire was activated by a detonator or a fuse.

Source: <https://www.biobiochile.cl/noticias/nacional/region-del-bio-bio/2020/10/10/informe-de-bomberos-afirma-uso-de-bomba-tras-quema-de-4-vehiculos-en-automotora-de-concepcion.shtml>

Reported: 11/10/2020

Chile

IID

Event – Policeman struck by IID.

Summary – Deputy Chief of Penalolen was attacked by at least 70 people with launch of Improvised Incendiary Devices; this ended with a policeman seriously injured after being struck by a molotov bomb.

Source: <https://www.publimetro.cl/cl/noticias/2020/10/13/carabinero-queda-lesiones-graves-tras-alcanzado-bomba-molotov-penalolen.html>

<https://www.lacuarta.com/cronica/noticia/personas-detenido-los-constantos/555574/>

Reported: 13/10/2020



EXPLOSIVES



Colombia

IEDs

Event – Police targeted by men moving on motorcycles.

Summary – Two policemen were injured in two different IED attacks, by people moving on motorcycles, against substations in the small city of San Roque and the municipality of Curumani; events leaved material damage.

Source: <https://www.elheraldo.co/cesar/dos-policias-heridos-en-atentados-con-explosivos-estaciones-en-curumani-766503>

Reported: 17/10/2020

Peru

IID

Event – Store damaged by improvised incendiary device.

Summary – Store was attacked with an Improvised Incendiary Device and caused panic among the residents of Mirafloreson Enrique Palacios Street; the fire generated multiple material damages in the supply center.

Source: <https://larepublica.pe/sociedad/2020/10/18/miraflores-tienda-es-atacada-con-bomba-molotov-video/>

Reported: 18/10/2020



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 - West Virginia

CBRNE and COVID-19

Event – W. Virginia CBRN response enterprise assists with COVID-19 testing innovation roll out.

Summary – Members of the West Virginia National Guard's Task Force Chemical, Biological, Radiological and Nuclear (CBRN) Response Enterprise (TF-CRE) are helping roll out a new innovative electronic record system to improve the COVID-19 testing process. The new system allows: data of people tested to be collected electronically, then immediately linked to the specific testing kit for the individual with a barcode scanner, will eliminate the possibility of misplaced paper records and speed up the testing process from the point of service to notification of testing results, will track patient data more accurately and efficiently throughout the testing process.

Source: <https://globalbiodefense.com/2020/10/13/w-virginia-cbrn-response-enterprise-assists-with-COVID-19-testing-innovation-roll-out/>

Reported: 13/10/2020

USA

CB Detection Sensors

Event – DARPA conducts Chemical, Biological threat detection sensors tests in Indianapolis.

Summary – DARPA's SIGMA+ program announced on October 21 that it conducted a week-long deployment of advanced chemical and biological sensing systems in the Indianapolis metro region in August, collecting more than 250 hours of daily life background atmospheric data across five neighborhoods that helped train algorithms to more accurately detect chemical and biological threats. The testing marked the first time in the program the advanced laboratory grade instruments for chemical and biological sensing were successfully deployed as mobile sensors, increasing their versatility on the SIGMA+ network.

Source: <https://www.hstoday.us/industry/darpa-conducts-chemical-biological-threat-detection-sensors-tests-in-indianapolis/>

Reported: 26/10/2020



CHEMICALS



USA

Chemical Weapons

Event – Database brings clarity to chemical weapons lists.

Summary – Researchers are hopeful that a new database of Chemical Warfare Agents (CWAs), including molecular structures and other key details, will help efforts to clamp down on these deadly compounds.

Source: <https://cen.acs.org/content/cen/articles/98/i39/Database-brings-clarity-chemical-weapons.html>

Reported: 07/10/2020

Canada

Stockpiles of Chemicals

Event – Stockpiles of dangerous chemicals are being stored much longer than required: federal audit.

Summary – Five years after an audit warned that the Canada Border Services Agency (CBSA) wasn't properly managing stockpiles of dangerous chemicals a follow-up audit shows most problems haven't been fixed, even as the agency has to deal with increasing amounts of toxic products.

Source: <https://www.lakeshoreadvance.com/news/canada/stockpiles-of-dangerous-chemicals-are-being-stored-much-longer-than-required-federal-audit/wcm/0f0a7f87-c29c-4917-87d8-5f1bdd57e4f1>

Reported: 12/10/2020

USA - Maine

Chemical

Event – Hydrochloric Acid dumped.

Summary – The Goodwins Mills Fire Department have reported that a container filled with hydrochloric acid ended up in the trash, and it was compacted in a garbage truck, the container broke and reacted with other items in the trash creating a fume cloud. Two employees, who quickly tried to empty the truck thinking there was a fire, were taken to hospital to be treated for chemical burns.

Source: <https://www.newsbreak.com/maine/dayton/news/2091152109296/watch-what-you-throw-away-two-maine-trash-workers-treated-for-chemical-burns>

Reported: 28/10/2020



BIOLOGICAL



USA

COVID-19 Vaccine

Event – Moderna COVID-19 vaccine provokes strong immune response among older adults in Phase 1 trial.

Summary – A phase one trial of a COVID-19 vaccine jointly developed by the National Institute of Allergy and Infectious Diseases (NIAID) and Moderna, Inc. brought positive results, triggering strong immune responses among older volunteers while proving well-tolerated. Volunteers were regularly reassessed, and in the end, researchers determined the vaccine was well-tolerated among the older age group. In fact, the immune response produced among older volunteers was comparable to those produced in younger age groups.

Source: <https://homelandprepnews.com/stories/56253-moderna-COVID-19-vaccine-provokes-strong-immune-response-among-older-adults-in-phase-one-trial/>

Reported: 01/10/2020

USA - Washington

Biological Events Report

Event – Nuclear Threat Initiative (NTI) releases report with recommendations on responding to biological events.

Summary – NTI is calling on national and global leaders to act now to prevent future biological events that could match or exceed the impact of the COVID-19 pandemic. The report summarizes outcomes from an exercise that NTI convened with senior leaders. The major recommendations call for leaders to reduce bio technology risks and implement global norms for life science research, enhance transparency for bioscience research to build trust and reduce uncertainty and develop the capacity to rapidly investigate biological events of unknown origin.

Source: <https://homelandprepnews.com/stories/56245-nti-releases-report-with-recommendations-on-responding-to-biological-events/>

Reported: 01/10/2020



BIOLOGICAL



Mexico

COVID-19 Vaccine

Event – Mexico could distribute 32 million doses of Russian Coronavirus vaccine by December 2020.

Summary – The Russian Coronavirus vaccine, could be ready by next month, meaning that by the end of 2020 Mexico could distribute millions of doses in the country. The volunteers who tested the Sputnik-V vaccine, generated antibodies against COVID-19. The agreement for the arrival of the vaccine in the country was signed by the Mexican company, Landsteiner Scientific, with the Russian Direct Investment Fund (RDIF) with the aim of dispelling the Mexican government's doubts about the product.

Source: <https://www.infobae.com/america/mexico/2020/10/02/mexico-podrian-distribuir-32-millones-de-dosis-de-la-vacuna-rusa-contra-el-coronavirus-en-diciembre-del-2020/>

Reported: 02/10/2020

USA - Texas

COVID-19 Vaccine

Event – Texas prepares for a COVID-19 vaccine.

Summary – The Texas Department of State Health Services is encouraging health care providers to register for its immunisation programme. By applying for the programme, health care providers will be able to distribute a COVID-19 vaccine. The Federal government will distribute the COVID-19 vaccine to enrolled providers at no cost. Moreover, depending on the manufacturer, the vaccine will either be single-dose or multi-dose.

Source: <https://www.kten.com/story/42736910/texas-gets-ready-for-a-COVID-vaccine>

Reported: 07/10/2020

USA - California

COVID-19

Event – How SARS-CoV-2 disables the human cellular alarm system.

Summary – Like all viruses, SARS-CoV-2 breaks into a cell and hijacks its resources and machinery to create more viruses. A team led by Caltech researchers has now pinpointed the mechanisms through which the SARS-CoV-2 virus incapacitates human cells, essentially disabling the cell's alarm system so that it cannot call for help or warn nearby cells of the infection. Understanding how the virus causes dysfunction at the cellular level gives new insights into how to fight it. They found that SARS-CoV-2 proteins attack three critical cellular processes to disrupt human protein production.

Source: <https://www.caltech.edu/about/news/how-sars-cov-2-disables-human-cellular-alarm-system>

Reported: 08/10/2020



BIOLOGICAL



USA

Nanomaterials & Health

Event – Current mechanisms and future perspectives to control the spread of viruses including SARS-CoV-2.

Summary – The global COVID-19 pandemic has attracted considerable attention toward innovative methods and technologies for suppressing the spread of viruses.

Transmission via contaminated surfaces has been recognized as an important route for spreading SARS-CoV-2. They aim to provide a comprehensive overview of the antiviral materials and coatings that could be implemented for suppressing the spread of SARS-CoV-2 via contaminated surfaces. Toxicity and environmental concerns are also discussed.

Source: <https://pubs.acs.org/doi/full/10.1021/acsnano.0c05937>

Reported: 09/10/2020

USA - Maryland

COVID-19 Trials

Event – National Institutes of Health study aims to identify promising COVID-19 treatments for larger clinical trials.

Summary – The National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health, launched a study designed to determine whether certain approved therapies or investigational drugs in late-stage clinical development show promise against COVID-19 and merit advancement into larger clinical trials.

Source: <https://www.nih.gov/news-events/news-releases/nih-study-aims-identify-promising-COVID-19-treatments-larger-clinical-trials>

Reported: 13/10/2020

USA

Biosecurity

Event – Securing synthetic biology data at risk during the COVID-19 pandemic.

Summary – The improvement of the security of synthetic biology equipment has become more relevant after the United States and others issued warnings that hackers were using the COVID-19 pandemic to increase their activities. Sandia and BioBright are working to develop better security for this new commercial field. Right now, large amounts of sensitive data about patients' health and pharmaceutical information are being handled with security models developed two decades ago for academic needs and not industrial risks.

Source: <https://globalbiodefense.com/2020/10/13/securing-synthetic-biology-data-at-risk-during-the-COVID-19-pandemic/>

Reported: 13/10/2020



BIOLOGICAL



USA - Arizona

Antibodies, COVID-19

Event – Arizona researchers publish latest on SARS-CoV-2 lasting immunity antibody testing project.

Summary – University of Arizona Health Sciences researchers studied the production of antibodies from a sample of nearly 6,000 people and found immunity persists for at least several months after being infected with SARS-CoV-2, the virus that causes COVID-19. They found COVID-19 antibodies are present in blood tests at viable levels for at least five to seven months, although they believe immunity lasts much longer. Antibody tests are still available or anyone in Arizona age 18 and older at multiple locations throughout the state.

Source: <https://globalbiodefense.com/2020/10/13/uarizona-researchers-publish-latest-on-sars-cov-2-lasting-immunity-antibody-testing-project/>

Reported: 13/10/2020

USA

COVID-19 Vaccines

Event – Trump administration expands manufacturing capacity with Cytiva for components of COVID-19 vaccines.

Summary – The Biomedical Advanced Research and Development Authority (BARDA), part of the HHS Office of the Assistant Secretary for Preparedness and Response, collaborated with the DoD Joint Program Executive Office for Chemical, Biological, Radiological and Nuclear Defense and Army Contracting Command, to provide approximately \$31 million to Cytiva for COVID-19 vaccine-related consumable products, such as liquid and dry powder cell culture media, cell culture buffers, mixer bags, and XDR bioreactors.

Source: <https://www.hhs.gov/about/news/2020/10/13/trump-administration-expands-manufacturing-capacity-cytiva-components-COVID-19-vaccines.html>

Reported: 13/10/2020



BIOLOGICAL



USA

COVID-19

Event – Passengers return as TSA screen over 1 million people for the first time since March

Summary – The Transportation Security Administration (TSA) screened over 1 million passengers on Sunday, October 18, representing the highest number of passengers screened at TSA checkpoints since March 17, 2020. TSA screened 6.1 million passengers at checkpoints nationwide during the week (October 12-18). That weekly volume also represents the highest weekly volume for TSA since the start of the COVID-19 pandemic.

Source: <https://www.hstoday.us/subject-matter-areas/airport-aviation-security/passengers-return-as-tsa-screens-over-1-million-for-the-first-time-since-march/>
Reported: 19/10/2020

USA - Orlando

Biosecurity

Event – Validated methods for removing selected agent samples from BSL-3 labs.

Summary – Researchers from the University of Florida in Orlando describe their experience conducting studies in which serum, plasma, bronchoalveolar lavage (BAL) fluid, or spent media must be transferred from the BSL-3 to the BSL-2 laboratory to conduct specific assays. These samples must be sufficiently intact so that they can evaluate drug, cytokine, chemokine, or enzyme levels and other host or bacterial components of interest. In most instances, chemical inactivation of the samples is not advisable.

Source: <https://globalbiodefense.com/2020/10/19/validated-methods-for-removing-select-agent-samples-from-bsl-3-labs/>
Reported: 19/10/2020

USA

Biosecurity

Event – DoD-backed screening device gives quick answers if your infection is bacterial or viral.

Summary – The Defense Threat Reduction Agency's (DTRA) Chemical and Biological Technologies Department in its role as the Joint Science and Technology Office (JSTO) for the Chemical and Biological Defense Program has supported development of a new screening device that quickly informs clinicians whether a person has a bacterial or viral infection. DTRA-JSTO's effort to develop the screening device began in 2017, and clinical trials of the device are occurring in the United States, as reported at the February 2020 meeting of the Presidential Advisory Council on Combatting Antibiotic Resistant Bacteria.

Source: <https://globalbiodefense.com/2020/10/19/is-your-infection-bacterial-or-viral-dod-backed-screening-device-gives-quick-answers/>
Reported: 19/10/2020



BIOLOGICAL



USA

COVID-19 Vaccine

Event- COVID-19 vaccine chiefs eye January launch.

Summary – Leaders of the effort to develop a COVID-19 vaccine said Tuesday more than 60,000 Americans have volunteered to participate in clinical trials at six different pharma companies with the goal to begin distributing a vaccine by January. The goal is to have millions and tens of millions of doses of one or more vaccines available much faster than normal. The joint project between the Department of Defense and the Department of Health and Human Services aims to develop and manufacture as many as 300 million doses of one or more vaccines by early 2021.

Source: <https://homelandprepnews.com/featured/56754-COVID-19-vaccine-chiefs-eye-january-launch/>

Reported: 28/10/2020

USA - New York

COVID-19 Antibody

Event – Most people mount a strong antibody response to SARS-CoV-2 that does not decline rapidly.

Summary – The vast majority of individuals infected with mild-to-moderate COVID 19 mount a robust antibody response that is relatively stable for at least five months. Additionally, the research team found that this antibody response correlates with the body's ability to neutralize (kill) SARS-CoV-2, the virus that causes COVID-19. Determining the neutralizing effects of SARS-CoV-2 is critical to understanding the possible protective effects of the immune response. The research team performed a well-established, quantitative microneutralization assay based on authentic SARS-CoV-2.

Source: <https://www.mountsinai.org/about/newsroom/2020/most-people-mount-a-strong-antibody-response-to-sarscov2-that-does-not-decline-rapidly-pr>

Reported: 28/10/2020



RADIOLOGICAL AND NUCLEAR



USA - Texas

Nuclear Waste

Event – Texas Governor calls on Trump to oppose interim radwaste applications.

Summary – The Governor of Texas Greg Abbott has written to US president Donald Trump to express his opposition to license applications to the Nuclear Regulatory Commission (NRC) for the consolidated interim storage of spent nuclear fuel and high-level waste at proposed sites in Texas and New Mexico.

Source: <https://www.nucnet.org/news/texas-governor-calls-on-trump-to-oppose-interim-radwaste-applications-10-4-2020>

Reported: 01/10/2020

USA - Florida

Nuclear Decommissioning

Event – Duke energy confirms decommissioning to begin 50 years sooner than planned.

Summary – Accelerated Decommissioning Partners and Duke Energy completed a transaction on 1 October to start decontamination and dismantlement of the single-unit Crystal River nuclear power station in 2020 instead of 2067 – nearly 50 years sooner than originally planned. When decontamination and dismantlement work is completed in 2027, only the dry cask storage facility that houses used nuclear fuel assemblies will remain.

Source: <https://www.nucnet.org/news/duke-energy-confirms-decommissioning-to-begin-50-years-sooner-than-planned-10-1-2020>

Reported: 05/10/2020

Canada

Small Modular Reactor

Event – OPG paving the way for Small Modular Reactor deployment.

Summary – Consistent with a pan-Canadian approach to the development and deployment of next generation clean technology, Ontario Power Generation (OPG) is advancing engineering and design work with three grid-scale Small Modular Reactor (SMR) developers: GE Hitachi, Terrestrial Energy and X-energy.

Source: https://www.opg.com/media_releases/opg-paving-the-way-for-small-modular-reactor-deployment/

Reported: 06/10/2020



RADIOLOGICAL AND NUCLEAR



USA - Romania

Nuclear

Event – Romania and USA agree to cooperate in nuclear projects.

Summary – A draft intergovernmental agreement on cooperation to expand and modernise Romania's nuclear power programme has been signed between Romania and the USA. Areas for cooperation could include the completion of units 3 and 4 at the Cernavoda nuclear power plant and the refurbishment of unit 1 at the plant. The USA and Romania will continue to strengthen our bilateral relationship under various multilateral frameworks. These include the Partnership for Transatlantic Energy Cooperation (P-TEC) created under the Trump Administration. Under P-TEC, the USA and Romania co-chair a working group on civil nuclear cooperation. The agreement calls for cooperation in areas such as regulation, exchanges between research laboratories and universities, staff training, as well as research and development. It also provides for cooperation in the development of small modular reactors in Romania. The US government has expressed its interest in exploring financial institutions to support the funding of these projects.

Source: <https://www.world-nuclear-news.org/Articles/Romania-and-USA-agree-to-cooperate-in-nuclear-proj>

Reported: 12/10/2020

USA

Nuclear Technology

Event – US Department of Energy awards TerraPower \$80 million to demonstrate advanced nuclear technology.

Summary – TerraPower is a leading nuclear innovation company that strives to improve the world through nuclear energy and science it has been selected by the US Department of Energy to demonstrate the Natrium™ reactor and energy system with its technology co-developer GE Hitachi Nuclear Energy (GEH) and engineering and construction partner Bechtel. The award will provide \$160 million for initial funding to build two reactors that can be operational within the next five to seven years. The Natrium reactor technology employs metal fuel that offers improved reactor economics, greater fuel efficiency, enhanced safety, and lower volumes of waste.

Source: <https://www.terrapower.com/doe-natrium-demonstration-award/>

Reported: 13/10/2020



RADIOLOGICAL AND NUCLEAR



USA

Nuclear

Event – Micro modular reactors proposed for Idaho and Illinois.

Summary – Ultra Safe Nuclear Corporation (USNC) is proposing to deploy its Micro Modular Reactor (MMR) at sites in Idaho and Illinois by 2026 through partnerships with Idaho National Laboratory (INL) and the University of Illinois at Urbana-Champaign (UIUC). The MMR is a small high-temperature gas-cooled reactor generating 15 or 30 MW (thermal), using USNC's proprietary FCM TRISO (fully ceramic microencapsulated, tristructural isotropic) fuel. Nuclear heat is transferred to a molten salt energy storage unit that decouples the nuclear system from the power conversion system.

Source: <https://www.world-nuclear-news.org/Articles/Micro-modular-reactors-proposed-for-Idaho-and-Illi>

Reported: 13/10/2020

USA

Nuclear

Event – US official: nuclear energy can attract more supporters.

Summary – The resurgence of interest in nuclear power as a clean energy source could be boosted by emphasizing how it would help humanity the chairwoman of the US Nuclear Regulatory Commission said Wednesday.

Source: <https://www.washingtontimes.com/news/2020/oct/14/us-official-nuclear-energy-can-attract-more-suppor/>

Reported: 14/10/2020

USA

Nuclear Research

Event – Jacobs to lead research into performance of critical components.

Summary – The US-based technical professional services provider Jacobs has been chosen to lead an international consortium whose research could lead to extensions in the operational lifespan of nuclear power plants. The Incefa-Scale programme (increasing safety in nuclear power plants by covering gaps in environmental fatigue assessment) aims to reduce uncertainties about how critical components will perform when subjected to the harsh conditions inside operational nuclear power reactors. This work will complement component scale tests being carried out in the US by the Electric Power Research Institute, in collaboration with Incefa-Scale.

Source: <https://www.nucnet.org/news/jacobs-to-lead-research-into-performance-of-critical-components-10-3-2020>

Reported: 14/10/2020



RADIOLOGICAL AND NUCLEAR



USA - Tennessee

Decommissioning

Event – Decades-long clean up completed at gaseous diffusion plant.

Summary – A decades-long effort to clean and transform the former Oak Ridge Gaseous Diffusion Plant in the US state of Tennessee is complete, resulting in the first-ever removal and remediation of a uranium enrichment complex. Since cleanup operations began, hundreds of buildings measuring more have been demolished and more than 1.2 million cubic metres of waste have been disposed, including nearly 30,000 truckloads of soil.

Source: <https://www.nucnet.org/news/decades-long-cleanup-complete-at-gaseous-diffusion-plant-10-4-2020>

Reported: 15/10/2020

USA

Nuclear

Event – US Government backs NuScale projects at home and abroad.

Summary – The US Department of Energy has approved a cost-share award of more than USD1 billion for the construction of the first NuScale small modular reactor power plant in the USA. Meanwhile, the US International Development Finance Corporation has signed a Letter of Intent to support NuScale in the development of nuclear generating capacity in South Africa, in fact, The US International Development Finance Corporation (DFC) also announced on 16 October the signing of a Letter of Intent to help NuScale develop 2500 MWe of nuclear energy in South Africa.

Source: <https://www.world-nuclear-news.org/Articles/US-government-backs-NuScale-projects-at-home-and-a>

Reported: 19/10/2020

USA

Reactor Testing

Event – US AP1000 reactor passes pre-commissioning test.

Summary – Cold functional testing of unit 3 at the Vogtle nuclear power plant near Waynesboro, Georgia, has been completed, Georgia Power announced yesterday. The tests mark the first time the reactor systems have been operated together with the auxiliary systems.

Source: <https://www.world-nuclear-news.org/Articles/Canada-agrees-to-participate-in-ITER-fusion-projec?feed=feed>

Reported: 20/10/2020



RADIOLOGICAL AND NUCLEAR



Romania - USA

Nuclear

Event – Nuclear group signs agreement with US Nuclear Energy Institute.

Summary – Romania and the US recently signed a graft agreement for the refurbishment of one reactor and the construction of two more at the Carnavoda nuclear station. The Romanian nuclear forum Romatom has signed an agreement with Washington-based industry group the Nuclear Energy Institute to cooperate on nuclear energy.

Source: <https://www.nucnet.org/news/nuclear-group-signs-agreement-with-us-nuclear-energy-institute-10-2-2020>

Reported: 20/10/2020

USA - Poland

Nuclear

Event – Poland agrees to buy \$18 billion in nuclear power technology from US companies.

Summary – The US and Poland have stuck a nuclear power agreement in which Poland will buy \$18 billion in nuclear technology from US companies. Over the next 18 months, the US and Poland will work on a report for the program that seeks to build six reactors, as well as potential financing arrangements.

Source: https://www.ntd.com/poland-agrees-to-buy-18-billion-in-nuclear-power-technology-from-us-companies_518517.html

Reported: 20/10/2020

USA

Nuclear

Event – NNSA plans to modernize critical depleted uranium capabilities and improve program management.

Summary – National Nuclear Security Administration (NNSA) estimates, the nation has a very limited supply of depleted uranium feedstock, and its current supply of depleted uranium metal will be exhausted in the late 2020s. NNSA also does not have the full range of capabilities needed to manufacture depleted uranium into weapon components needed for modernizing the stockpile. NNSA is also taking steps to reestablish and modernize depleted uranium component manufacturing capabilities, but it risks delays that could affect the timelines of nuclear stockpile modernization programs.

Source: <https://its.network/gao-21-16/>

Reported: 20/10/2020



RADIOLOGICAL AND NUCLEAR



USA

Nuclear

Event – Report warns of “swift and severe” impact on nuclear closures on communities.

Summary – Communities that host nuclear power plants face “swift and severe” economic and social impacts following a plant’s closure.

Source: <https://www.nucnet.org/news/report-warns-of-swift-and-severe-impact-of-nuclear-closures-on-communities-10-3-2020>

Reported: 21/10/2020

USA - Georgia

Cold Hydro

Event – Cold hydro test completed at Vogtle Unit 3.

Summary – Georgia Power has announced the completion of cold hydro testing for Vogtle Unit 3 at the company’s nuclear expansion project. Cold hydro testing of Unit 3 confirmed the reactor’s coolant system functions as designed and verified the components of the coolant system. Moreover, Georgia Power continues to expect to meet the November 2021 and November 2022 regulatory-approved in-service dates for Units 3 and 4.

Source:

https://nuclearstreet.com/nuclear_power_industry_news/b/nuclear_power_news/archive/2020/10/21/cold-hydro-test-completed-at-vogtle-unit-3-102103#.X5LhX0dxdm8

Reported: 21/10/2020

Canada

Nuclear

Event – Canada agrees to participate in ITER fusion project.

Summary – The ITER Organisation, an international, large-scale scientific collaboration intended to prove the viability of fusion as an energy source, and the Canadian government have signed a cooperation agreement that sets out the terms for the transfer of Canadian-supplied tritium and tritium-related equipment and technology to the 20bn euros nuclear fusion project. After leaving the Iter project in 2003, Canada has now signed a cooperation agreement with the ITER Organisation for the transfer of Canadian-supplied tritium, and tritium-related equipment and technology. The agreement follows the signing in April 2018 of a Memorandum of Understanding to explore how Canada could participate in the project to construct the International Thermonuclear Experimental Reactor.

Source: <https://www.world-nuclear-news.org/Articles/Canada-agrees-to-participate-in-ITER-fusion-projec>

Reported: 21/10/2020



RADIOLOGICAL AND NUCLEAR



Canada

New Project

Event – Canada agrees to participate in ITER fusion project.

Summary – After leaving the Iter project in 2003, Canada has now signed a cooperation agreement with the ITER Organisation for the transfer of Canadian-supplied tritium, and tritium-related equipment and technology. The agreement follows the signing in April 2018 of a Memorandum of Understanding to explore how Canada could participate in the project to construct the International Thermonuclear Experimental Reactor.

Source: <https://www.world-nuclear-news.org/Articles/Canada-agrees-to-participate-in-ITER-fusion-projec?feed=feed>

Reported: 21/10/2020

USA

Nuclear

Event – NRC approves power uprated for Farley-1 and -2.

Summary – The US Nuclear Regulatory Commission has approved a request by Southern Nuclear Operating Company to increase the reactor capacity of Units 1 and 2 at the Farley nuclear power station by approximately 1.7%. The power uprate for Farley will increase Unit 1's generating capacity from approximately 910 to 944 MW and Unit 2's generating capacity from approximately 910 to 953 MW, the NRC said.

Source: <https://www.nucnet.org/news/nrc-approves-power-uprates-for-farley-1-and-2-10-4-2020>

Reported: 22/10/2020

USA

Nuclear

Event – After decades of talk, US is ready to demonstrate advanced reactors.

Summary – The US is finally ready to take the next step in demonstrating advanced reactor technologies with recent financial support “setting the tone” for helping to develop a portfolio of new reactors that will ultimately be competitive in both US and global markets, according to Rita Baranwal, the assistant secretary of the Office of Nuclear Energy.

Source: <https://www.nucnet.org/news/after-decades-of-talk-us-is-ready-to-demonstrate-advanced-reactors-10-3-2020>

Reported: 28/10/2020



RADIOLOGICAL AND NUCLEAR



USA - Tennessee

Nuclear

Event – The US Nuclear Regulatory Commission.

Summary – NRC has approved a request by the Tennessee Valley Authority to increase the generating capacity of Watts Bar-2 nuclear power plant in Tennessee by 1.4%. Watts Bar -2 is a Westinghouse 4LP pressurised water reactor that began commercial operation in October 2016. Watts Bar-1, also a Westinghouse 4LP PWR, began commercial operation in May 1996.

Source: <https://www.nucnet.org/news/nrc-approves-1-4-generating-capacity-increase-for-unit-2-10-3-2020>

Reported: 28/10/2020

USA - North Carolina

Nuclear

Event – Synthos Green Energy discussions.

Summary – E Hitachi Nuclear Energy (GEH) announced today that Synthos Green Energy (SGE), a member of the Synthos Group S.A., has initiated discussions with Poland's National Atomic Energy Agency (Państwowa Agencja Atomistyki – (PAA) about a potential BWRX-300 small modular reactor project. SGE intends to request a general opinion and in advance of that has submitted to PAA a document describing technical attributes of the BWRX-300. SGE and GEH recently signed a strategic cooperation agreement that is focused on development and deployment of the BWRX-300. In addition to GEH, Exelon Generation, Fortum and CMS Legal in Warsaw are supporting SGE in this process. The BWRX-300 is a 300 MWe water-cooled, natural circulation SMR with passive safety systems that leverages the design and licensing basis of GEH's US NRC-certified ESBWR.

Source: <https://www.ge.com/news/press-releases/synthos-green-energy-enters-into-discussions-with-polish-nuclear-regulator-about>

Reported: 28/10/2020



EXPLOSIVES



USA - Massachusetts

IED

Event – Explosives removed from Monterey home.

Summary – Law enforcement officers discovered dozens of explosive devices and parts during the execution of a search warrant at a West Road home. A statement from the offices the Berkshire district attorney and the state fire marshal did not identify the home's owner or persons involved with the devices other than to state a "Monterey man" will be summonsed to "face multiple charges on the illegal possession, manufacture, and sale of explosive devices." Police executed the search warrant as part of an investigation of the illegal manufacturing and sale of homemade M Class explosive devices.

Source: https://www.iberkshires.com/story/63220/Explosives-Removed-from-Monterey-Home.html?source=most_read

Reported: 03/10/2020

USA - Seattle

Explosive

Event – 16 protesters arrested after explosives thrown toward officers.

Summary – Sixteen protesters were arrested after Police gave a dispersal order to a group they said caused "extensive property damage to a business" while marching and later had thrown explosives toward officers. The protest had begun earlier in the day and was quiet for the most part, but later changed when Police said a Metro bus was spray-painted with graffiti on Broadway near East Mercer Street.

Source: <https://www.kiro7.com/news/local/police-arrests-multiple-protesters-during-saturday-night-demonstration/XGCWSI4EHRCBPBG75C3LWTDPNQU/>

Reported: 04/10/2020

USA - Michigan

IED

Event – Michigan governor kidnappers attempted to make IEDs.

Summary – State and Federal officials have charged 13 men with various offenses related to an alleged coup plotted against Michigan Gov. Gretchen Whitmer, a scheme that involved months of planning and even rehearsals to kidnap the Governor from her vacation home. Of the suspects, seven are facing charges on the State level, while the other six are federally charged. They also participated in firearms training and combat drills at a site in Cambria, Wisconsin, from July 10-12 attempting to make Improvised Explosive Devices.

Source: <https://www.mlive.com/crime/2020/10/what-we-know-about-the-militia-members-charged-in-kidnapping-plot-against-michigan-governor.html>

Reported: 10/10/2020



EXPLOSIVES



USA

Pyrotechnics

Event – Home targeted by unknown with pyrotechnics.

Summary – Explosion damaged by shrapnel part of a home in Tyngsborough; the owner of the home rushed outside after hearing a loud noise and saw a large cloud of smoke near the street: no one was injured.

Source: <https://www.bostonglobe.com/2020/10/11/metro/police-investigate-explosion-that-damaged-house-tyngsborough/>

Reported: 12/10/2020

USA

HME

Event – Man injured by explosion.

Summary – Man suffered serious injuries in an explosion in Gilroy, to the 1700 block of Mantelli Drive, that has prompted an investigation by the Santa Clara County Sheriff's Office bomb squad.

Source: <https://www.nbcbayarea.com/news/local/south-bay/explosion-injures-1-shuts-down-street-in-gilroy/2379411/>

https://www.dailymail.co.uk/news/article-8840673/Man-blows-hand-making-explosives-backyard.html?ns_mchannel=rss&ns_campaign=1490&ito=1490

Reported: 13/10/2020

USA

IED

Event – Trio used explosive device in attempted Lake View ATM burglary.

Summary – Authorities are looking for three men suspected of using an explosive device to try and break into an ATM in Lake View over the summer. On June 14, one of the suspects allegedly planted an improvised explosive device next to a drive-thru ATM at a Fifth-Third Bank branch at 3179 N. Clark St., the FBI said in statement. Investigators found the ATM burned and the concrete floor damaged after someone “ignited an explosive device” nearby, Chicago police said at the time. A bomb squad responded to the bank and deemed the area safe.

Source: <https://chicago.suntimes.com/crime/2020/10/14/21516869/trio-explosive-device-attempted-lake-view-fifth-third-atm-burglary-fbi>

Reported: 14/10/2020



EXPLOSIVES



USA - California

Bombs

Event – California man convicted of mailing bombs that injured 2.

Summary – An Oakland man was convicted of mailing bombs that exploded and injured two people in a botched revenge plot, federal authorities said Wednesday.

Source: <https://www.washingtontimes.com/news/2020/oct/14/california-man-convicted-of-mailing-bombs-that-inj/>

Reported: 14/10/2020

USA

TSA

Event – TSA firearm detections.

Summary – Transportation Security Administration (TSA) officers stopped a man from carrying a loaded 9mm handgun onto an airplane at Midway International Airport on October 19. At approximately 8 a.m., a TSA officer detected the gun in the local man's carry-on bag. TSA officials immediately alerted the Chicago Police Department, who responded and removed the passenger and weapon away from the checkpoint.

Source: <https://www.hstoday.us/subject-matter-areas/airport-aviation-security/weekly-update-tsa-firearm-detections-11/>

Reported: 27/10/2020

USA - Philadelphia

Explosives

Event – Philadelphia explosives find.

Summary – Multiple explosive devices were found inside a van near Center City Philadelphia on Wednesday night, prompting a response by the city police bomb squad and federal investigators, according to a report. The discovery came as unrest continued in the city in reaction to the death of Walter Wallace Jr., 27, who was killed by police officers Monday. The case remains under investigation. The devices, found around 10 p.m. ET, were described as "M-type" explosives but no further information was immediately available.

Source: <https://www.foxnews.com/us/philadelphia-police-bomb-squad-atf-on-scene-after-explosives-found-in-van-reports>

Reported: 29/10/2020



OCEANIA NEWS ON CBRNE EVENTS

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

- chemical
- biological
- radiological and nuclear
- explosives





BIOLOGICAL



Australia

Biological containment

Event - Releasing a virus plans to cope with invasive carp problem questioned

Summary - Scientists have recommended for the government to approve the release of Koi Herpesvirus (KHV) to help manage carp abundance. The non-native fish cause widespread environmental degradation, including impacts to water quality, that are damaging to native fish and ecosystems. The plan is contested by researchers at the University of Exeter and the University of East Anglia, sustaining that use a virus to control an invasive Australian carp will not work in the long term.

Source - <https://www.earth.com/news/releasing-a-virus-is-not-the-solution-to-australias-invasive-carp-problem/>

Reported: 15/10/2020

New Zealand

Bio-threat defence

Event - Bio-threats pose growing risk for New Zealand, Pacific

Summary - The Defence Force is predicting it will need to become more involved to manage the various biological threats facing New Zealand, including contaminated food supply, pandemics or chemical weapons.

The Biodefence report assesses the changing landscape of threats and what can be done to protect the country from both deliberate and accidental events. In its report, the Defence Force said bio-threats were increasing and changing - influenced by climate change and rapid globalisation.

Source - <https://www.rnz.co.nz/news/national/428147/bio-threats-pose-growing-risk-for-new-zealand-pacific-new-report>

Reported: 16/10/2020

Western Pacific Region

COVID-19 mental health related issues

Event - WHO investing in mental health during the COVID-19 pandemic

Summary - The coronavirus disease 2019 (COVID-19) pandemic has taken a toll on the mental health of millions of people across the Western Pacific Region and around the world. More than 100 million people suffer from mental health disorders in the Western Pacific Region. To support people's mental health, the World Health Organization (WHO), with partner organizations United for Global Mental Health and the World Federation for Mental Health, is calling for a massive scale-up in investment in mental health.

Source - <https://www.who.int/westernpacific/news/feature-stories/detail/investing-in-mental-health-during-the-covid-19-pandemic>

Reported: 29 October 2020



RADIOLOGICAL AND CHEMICALS



New Zealand

Use of chemicals in agriculture

Event - EPA to reassess controversial agricultural chemical chlorpyrifos

Summary - The Environmental Protection Authority recently announced it was reassessing the use of the chlorpyrifos, a controversial organophosphate widely used in agriculture. The chemical was partially reassessed in 2013, and again in 2016, but was not banned.

Source - <https://www.stuff.co.nz/business/farming/122995389/epa-to-reassess-controversial-agricultural-chemical-chlorpyrifos>

Reported: 12/10/2020

Australia

Nonproliferation

Event - PNNL Researchers Work To Detect Secret Nuclear Explosions

Summary - Researchers are honing their ability to distinguish between indicators of nuclear explosions and the emissions from industrial uses of nuclear materials, such as producing medical isotopes or generating electricity. The PNNL Source Term Analysis of Xenon (STAX) project sits in an emissions stack and takes measurements at the point where radioxenon is being produced. Units have been deployed in Australia and Belgium for initial data collection, and more are in production.

Source - <https://cbrnecentral.com/pnnl-researchers-work-to-detect-secret-nuclear-explosions/25492/>

Reported: 20/10/2020

Australia

Radioactivity

Event - Department of Natural Resources, Mines and Energy surveys 74 sites on North Stradbroke Island, school found with elevated radiation levels

Summary - Dangerous levels of radioactive sand last week forced the partial closure of a daycare centre on Stradbroke Island. A Department of Natural Resources, Mines and Energy spokesperson said from the 74 sites surveyed this month, the Dunwich school was the only site where further investigation and remediation was needed due to the current land use and applicable guidelines.

Source - <https://www.redlandcitybulletin.com.au/story/6989426/radio-active-sand-detected-at-straddie-school/>

Reported: 28/10/2020



TERRORISM AND COUNTER- TERRORISM NEWS

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

News are proposed in cronological order.





NEWS



USA

Counter Terrorism

Event – GAO recommends better DHS outreach to chemical facilities excluded from Anti-Terrorism standards.

Summary – Facilities that produce, use, or store hazardous chemicals could be targeted by terrorists. The Department of Homeland Security identifies and regulates high-risk facilities that contain certain quantities of these chemicals.

Source: <https://www.hstoday.us/subject-matter-areas/infrastructure-security/gao-recommends-better-dhs-outreach-to-chemical-facilities-excluded-from-anti-terrorism-standards/>

Reported: 02/10/2020

Syria

Terrorism

Event – Two Americans captured by SDF in Syria charged with supporting IS.

Summary – Two United States citizens who were detained by the Syrian Democratic Forces (SDF) and recently transferred to the custody of the FBI have been charged with material support violations relating to their support for the Islamic State.

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/two-americans-captured-by-sdf-in-syria-charged-with-supporting-isis/>

Reported: 02/10/2020

Iraq

Counter Terrorism Operation

Event – Three IS militants killed in airstrikes in Iraq.

Summary – Iraqi warplanes conducted the airstrikes in the morning on six Islamic State hideouts in abandoned villages in the rugged area between the provinces of Salahudin and Diyala, Alaa al-Saadi from Salahudin provincial Police told.

Source: http://www.xinhuanet.com/english/2020-10/02/c_139414607.htm

Reported: 02/10/2020



NEWS

Iraq**Counter Terrorism Operation**

Event – Six IS militants killed in airstrike in Iraq.

Summary – Six Islamic State militants were killed in a US-led coalition airstrike in a rugged area in the northeast of Iraq's capital Baghdad, a security source said.

Source: http://www.xinhuanet.com/english/2020-10/03/c_139416961.htm

Reported: 03/10/2020

Iraq**Counter Terrorism Operation**

Event – Iraq arrests 2 IS militants in Baghdad.

Summary – Iraqi security forces arrested two Islamic State militants in the capital Baghdad, reported Anadolu Agency citing the Iraqi Interior Ministry.

Source: <https://www.middleeastmonitor.com/20201004-iraq-arrests-2-daesh-militants-in-baghdad/>

Reported: 04/10/2020

Turkey**Counter Terrorism Operation**

Event – Security forces have killed two high-ranking terrorists while arresting a far-left terror suspect as well as 25 Islamic State-linked foreign nationals.

Summary – Interior Minister Süleyman Soylu announced that two high-ranking terrorists, one of which was sought under the red category and the other in the orange category, were killed. According to the Interior Ministry's statement, the terrorists were killed by the provincial gendarmerie command in Tunceli province's Ovacık rural area on Oct. 2 as part of the Lightning-4 anti-terrorism operation.

Source: <https://www.dailysabah.com/politics/war-on-terror/turkey-nabs-high-ranking-terrorists-from-multiple-groups>

Reported: 05/10/2020



NEWS



United Kingdom

Terrorism

Event – British student jailed for terrorism offences.

Summary – A British student who was found with instructions of how to make explosives and construct a suicide vest has been jailed for terrorism offenses. Liam Fenn (25/02/1999), of Harrow Place, Wigan, was jailed on September 29 2020 at Manchester Crown Court for four years and eight months after pleading guilty to eight counts of possession of documents or records likely to be useful to a person preparing, or committing, an act of terrorism and one count of encouraging acts of terrorism.

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/british-student-jailed-for-terrorism-offenses/>

Reported: 06/10/2020

Spain

Terrorism

Event – Spanish Police arrest suspected Islamic State supporter in Madrid.

Summary – On October 2, the Spanish Guardia Civil announced the arrest in Madrid of an Algerian national suspected of supporting the so-called Islamic State. The National Court (Audiencia Nacional) in collaboration with Europol coordinated the operation. The suspect was found in possession of explosive and weapon manuals.

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/spanish-police-arrest-suspected-islamic-state-supporter-in-madrid/>

Reported: 06/10/2020

Afghanistan

Counter Terrorism Operation

Event – The National Directorate of Security, announced the arrest of at least 15 Taliban in the capital Kabul.

Summary – Afghan forces announced in a statement on Tuesday, October 6, they have arrested a 15-member group of the Taliban militants in Afghanistan's capital city of Kabul. These Taliban were set to launch terrorist attacks in Kabul, according to the statement.

Source: <https://tkg.af/english/2020/10/06/kabul-15-taliban-held-by-nds-forces/>

Reported: 06/10/2020



NEWS



Netherlands

Terrorists Sentenced

Event – Group sentenced.

Summary – The Court in Rotterdam sentenced a group of men to up to 17 years in prison for preparing a major terrorist attack in the Netherlands. The group, who came to be known as the 27 September cell, was arrested after an undercover Police operation, started based on information from the General Intelligence and Security Service of the Netherlands (AIVD) in 2018. Two undercover Police officers posed as weapons dealers and made contact with prime suspect and group leader. They supplied the group with deactivated rifles and bomb vests and trained them on how to use these weapons in a holiday home in Weert, where recording devices were installed beforehand.

Source: <https://nltimes.nl/2020/10/08/17-years-prison-planning-terrorist-attack-netherlands>

Reported: 08/10/2020

Afghanistan

Terrorist Attack

Event – Security Force members killed in a Taliban attack.

Summary – During an attack committed by Taliban forces, 6 members of the Afghan Security Forces were killed and 15 captured. The assault took place in a security post in the province of Kunduz where also a humvee vehicle and some weapons were seized.

Source: <https://tolonews.com/afghanistan-166894>

Reported: 09/10/2020

Afghanistan

Counter-Terrorism Operation

Event – US Forces conduct ‘targeted strikes’ in Helmand.

Summary – The US forces in Afghanistan on Monday said that several targeted strikes were conducted in Helmand to support Afghan security forces under attack by the Taliban in the last few days.

Source: <https://tolonews.com/afghanistan-167001>

Reported: 12/10/2020



NEWS



USA

Counterter Terrorism

Event – Department of Justice forecasts an increase in Counter - Unmanned Aerial System protection activities.

Summary – In the last twelve months, the FBI detected over 200 drones unlawfully flying in national security airspace restricted by the Federal Aviation Administration at such events. An increase in unlawful drone use is anticipated.

Source: <https://www.hstoday.us/subject-matter-areas/airport-aviation-security/departments-of-justice-forecasts-an-increase-in-c-uas-protection-activities-and-criminal-enforcement-actions/>

Reported: 13/10/2020

Afghanistan

Taliban Attack

Event – 16 Security Force members killed in Baghlan attack.

Summary – At least 16 security force members were killed and more than 10 others were wounded in a Taliban attack in Baghlan province, a source said on Wednesday.

Source: <https://tolonews.com/afghanistan-167044>

Reported: 14/10/2020

Somalia

Terrorism

Event – Al-Shabab attack against soldiers.

Summary – At least 13 Somali troops have been killed by the al-Shabab armed group near the district of Afgoye, northwest of the capital, Mogadishu, a military official has said.

Source: <https://www.aljazeera.com/news/2020/10/15/at-least-13-somali-soldiers-killed-after-al-shabaab-clash>

Reported: 15/10/2020

Iran

Global Terrorism

Event – Iran opposition hosts UK online event on regime's support for global terrorism.

Summary – Iranian opposition National Council of Resistance of Iran (NCRI) hosted an online conference in the British Parliament on Thursday, October 15, focusing on the regime's support for international terrorism that continues to undermine global security to this day.

Source: <https://english.mojahedin.org/i/iran-ncri-pmoi-mek-terrorism-europe-appeasement-irgc-20201015>

Reported: 16/10/2020



NEWS

Turkey**Terrorism IS**

Event – Turkish officials asked Islamic State terrorist who killed 39 people to provide false statement against Gülen.

Summary – Abdulkadir Masharipov, an Islamic State terrorist who carried out a bloody New Year's Eve attack on an Istanbul nightclub in 2017 killing 39 people, said he was asked to give evidence against Fethullah Gülen, a scholar and vocal critic of Turkish President Recep Tayyip Erdoğan, in exchange for better prison conditions.

Source: <https://www.nordicmonitor.com/2020/10/deadly-nightclub-attacker-who-killed-39-people-was-asked-to-extract-false-statement-against-gulen/>

Reported: 16/10/2020

Turkey**Terrorism**

Event – Turkish security forces with the support of the National Intelligence Agency (MIT), killed the terrorist organization's alleged intelligence head responsible for the Metina region in northern Iraq.

Summary – The high-level terrorist, Ahmet Bal, code-named "Dara Kato," was sought with a red notice on Interpol's most wanted list.

Source: <https://www.dailysabah.com/politics/war-on-terror/pkks-alleged-metina-intelligence-head-killed-by-turkeys-security-forces-in-northern-iraq>

Reported: 16/10/2020

United Kingdom**Terrorism**

Event – German man, 22, who came to UK in search of work 'shared IS propaganda videos of beheadings' before he was arrested at Stansted airport on terror offences.

Summary – He was travelling back to Germany when he was stopped at Stansted Airport and arrested for terrorism offences. Police discovered Flegel had allegedly been sharing violent Islamic State propaganda videos including footage of beheadings. The German national was accused of being an IS supporter and to have sent videos and documents to support such terrorism between August and September this year.

Source: <https://www.dailymail.co.uk/news/article-8856595/German-man-shared-ISIS-propaganda-videos-beheadings-arrested.html>

Reported: 16/10/2020



NEWS



Turkey

Daesh

Event – IS terrorist Soumaya Raissi, wanted by France with a Red Notice, was arrested in southern Turkey's Adana province Friday.

Summary – Oct. 14, security forces in Adana captured Raissi, who is also wanted by Interpol, at her house where she was hiding. Originally from Tunisia, 30-year-old Raissi was living in the province's Namik Kemal neighborhood with a fake Syrian identity.

Source: <https://www.dailysabah.com/politics/war-on-terror/turkey-arrests-foreign-daesh-terrorist-wanted-by-france>

Reported: 16/10/2020

Afghanistan

Terrorism

Event – Al-Qaeda remains close to Taliban: UN official.

Summary – A senior UN official has said that al-Qaeda leader Ayman al-Zawahiri has maintained close ties with the Taliban despite the Taliban's assurance to the United States to cut ties with the group.

Source: <https://tolonews.com/afghanistan-167111>

Reported: 17/10/2020

World

Terrorism

Event – IS on fast track as world grapples with pandemic.

Summary – Parallel to the spread of the coronavirus around the world, the Islamic State group is expanding its activities, primarily in the area connecting Iraq and Syria but also in its other "provinces" across the globe, the School of Political Sciences at the University of Haifa and the Begin-Sadat Center for Strategic Studies at Bar-Ilan University said in a recent study.

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/isis-on-fast-track-to-recovery-as-world-grapples-with-pandemic/>

Reported: 18/10/2020



NEWS



Syria

Terrorism

Event – Syria Kurds free more than 600 Kurds as part of amnesty.

Summary – Kurdish-led authorities released hundreds of Islamic State fighters imprisoned in northern Syria as part of a general amnesty in the region. Amina Omar, the head of the Syrian Democratic Council, told reporters at a news conference in the town of Qamishli that IS members who were released have “no blood on their hands” and have all repented joining IS at some point.

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/syria-kurds-free-more-than-600-isis-fighters-as-part-of-amnesty/>

Reported: 18/10/2020

Afghanistan

Taliban attack

Event – 8 local force members killed in Kunduz.

Summary – At least 8 local police and public uprising forces members were killed in a Taliban attack in northern Kunduz province, a source said on Sunday.

Source: <https://tolonews.com/afghanistan-167132>

Reported: 18/10/2020

Saudi Arabia

IS

Event – Islamic State tells supporters to target westerners, oil pipelines in Saudi Arabia.

Summary – “Targets are plenty ... Start by hitting and destroying oil pipelines, factories and facilities which are the source (of income) of the tyrant government,” the spokesman, Abu Hamza al-Muhajir, said in a recorded speech on the militant group’s official telegram channel.

Source: <https://english.alarabiya.net/en/News/gulf/2020/10/18/ISIS-tells-supporters-to-target-westerners-oil-pipelines-in-Saudi-Arabia>

Reported: 18/10/2020

Syria

Counter-terrorism Operation

Event – SDF and International Coalition arrest three persons for “belonging to IS”.

Summary – A group of Syria Democratic Forces and International Coalition Forces stormed a house in Jadid Ekaydat village in the eastern countryside of Deir Ezzor. The security forces arrested three people from the village for “belonging to Islamic State”.

Source: <https://www.syriahr.com/en/188705/>

Reported: 18/10/2020



NEWS



World

Terrorism

Event – IS magazine publishes images of French teachers decapitation.

Summary – A new issue of the Islamic State magazine that in recent weeks encouraged the murder of those accused of blasphemy contains a full-page graphic urging more attacks and showing the severed head of the French teacher killed Friday and calls for more attacks on free expression

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/isis-magazine-publishes-photo-of-french-teachers-head-calls-for-more-attacks-on-free-expression/>
Reported: 19/10/2020

Sudan-USA

Terrorism

Event – US to remove Sudan from state terrorism sponsors list after payment to victims.

Summary – President Donald Trump announced the United States would remove Sudan from its list of state sponsors of terrorism as soon as Khartoum sets aside the \$335 million it has agreed to pay to American victims of militant attacks and their families.

Source: <https://www.reuters.com/article/us-sudan-usa/trump-u-s-to-remove-sudan-from-state-terrorism-sponsors-list-after-payment-to-victims-idUSKBN2742BE>
Reported: 19/10/2020

USA

Al-Qaeda Finances

Event – US imposes sanctions on al-Qaeda financier who trades in gems.

Summary – The US Department of the Treasury's Office of Foreign Assets Control (OFAC) designated Australia-based al-Qaida associated facilitator, Ahmed Luqman Talib, for having materially assisted, sponsored, or provided financial, material or technological support for, or goods or services to or in support of al-Qaida.

Source: <https://home.treasury.gov/news/press-releases/sm1157>
Reported: 19/10/2020



NEWS



Afghanistan

Taliban Ambush

Event – Taliban commando kills 34 security personnel.

Summary – 34 members of the Afghan security forces were killed and other wounded in an attack by the Taliban in the North of the Country. Within the killed result the local deputy chief of the police. The attack is considered the second in terms of victims in the last month.

Source: <https://www.aljazeera.com/news/2020/10/21/taliban-ambush-kills-dozens-of-afghan-forces-in-northern-province>

Reported: 21/10/2020

Afghanistan

Terrorist attack

Event – Taliban kill 47 policemen in northern Afghan province.

Summary – Raz Mohammad Doorandish, Takhar's deputy chief of Police, was among the 47 Afghan security personnel killed, according to a member of parliament from the province, TOLONews reported. At least "20 special forces" – likely provincial special police units – and 17 rank and file policemen were among those killed, the head of Takhar's public health department told the Afghan news agency.

Source: <https://www.longwarjournal.org/archives/2020/10/taliban-kill-47-policemen-in-northern-afghan-province.php>

Reported: 21/10/2020

Turkey

Counter-terrorism Operations

Event – Turkish police detained several co-chairs of the Peoples' Democratic Party (HDP) in southeastern Diyarbakir province and Yenisehir district and confiscated PKK-related materials from the party's headquarters and Yenisehir offices.

Summary – Counterterrorism squads also confiscated the mobile phones of the co-chairs, while confiscated material from the offices included documents and propaganda of the PKK group, as well as posters of PKK ringleader Abdullah Öcalan.

Source: <https://www.dailysabah.com/politics/war-on-terror/police-detain-pro-pkk-hdp-co-chairs-in-turkeys-diyarbakir-in-anti-terror-probe>

Reported: 22/10/2020



NEWS



USA

Terrorism

Event – Tech & terrorism: officials call for ban of ‘Euro Fatwa’ app created by muslim brotherhood.

Summary – Google and Apple are facing renewed scrutiny from European officials for their failure to remove—and ban in entirety—the Muslim Brotherhood-sponsored app, “Euro Fatwa”. The intensifying pressure comes after months of repeated government warnings that the app contains hate speech and potentially serves as a tool for Islamist radicalization.

Source: <https://www.counterextremism.com/press/tech-terrorism-officials-call-ban-%E2%80%98euro-fatwa%E2%80%99-app-created-muslim-brotherhood>

Reported: 22/10/2020

Afghanistan

Terrorist Attack

Event – Taliban rockets kill 4 civilians in northern Afghanistan.

Summary – At least 4 civilians were killed in their homes by militant rocket fire in northern Afghanistan, the country's Ministry of Defense said.

Source: <https://uk.sports.yahoo.com/news/taliban-rockets-kill-4-civilians-120638596.html>

Reported: 22/10/2020

Iraq

Counter-terrorism Operation

Event – Kirkuk topples an IS network.

Summary – The Kirkuk Governorate Police Directorate revealed, on Thursday, the arrest of a terrorist network belonging to Islamic State.

Source: <https://shafaq.com/ar/>

Reported: 22/10/2020



NEWS



Iraq

Counter-terrorism Operation

Event – A leader of IS was killed in an airdrop in Kirkuk.

Summary – Major General Yahya Rasoul, spokesman for the Commander-in-Chief of the Armed Forces, announced, on Thursday, that a leader of the Islamic State organization had been killed in Kirkuk governorate.

Source: <https://shafaq.com/ar/>

Reported: 22/10/2020

Afghanistan

Counter-terrorism Operation

Event – '12 Taliban' killed in Takhar airstrike.

Summary – The Defense Ministry stated that on Wednesday night in Takhar province an Afghan Air Force strike killed "12 Taliban including several of their commanders."

Source: <https://tolonews.com/index.php/afghanistan-167236>

Reported: 22/10/20

Iraq

Counter-terrorism Operation

Event – Iraqi forces win a valuable catch from IS sleeper cells.

Summary – A statement by the agency, received by Shafaq News, stated that "based on intelligence and field follow-up, the National Security Agency detachments in Nineveh Governorate managed to arrest ten members of the terrorist sleeper cells of Islamic State after obtaining judicial approvals."

Source: <https://shafaq.com/ar/>

Reported: 23/10/2020



NEWS



Afghanistan

Terrorism

Event – Most wanted terrorist killed.

Summary – Afghanistan's National Directorate of Security (NDS) said its special unit in the province of Ghazni had killed Abu Muhsin al-Masri, the "second-in-command" in al-Qaida. Al-Masri, an Egyptian national, was on the FBI's "most wanted terrorists list." He was charged in the United States with conspiring to kill US nationals and providing resources to a foreign terrorist organization. Rahmatullah Nabil, the former director of the NDS, said al-Masri and some other members of al-Qaida had been frequently traveling between Shawwal Valley and Ghazni for the past few months.

Source: <https://www.dw.com/en/abu-muhsin-al-masri-afghan-forces-kill-al-qaidas-second-in-command/a-55387083>

Reported: 25/10/2020

Afghanistan

Counter-terrorism

Event – Afghan security forces kill senior al Qaeda leader al-Masri.

Summary – Afghan security forces have killed Abu Muhsin al-Masri, a senior al Qaeda leader who was on the Federal Bureau of Investigation's Most Wanted Terrorists list, Afghanistan's National Directorate of Security (NDS) said in a tweet late on Saturday.

Source: <https://www.reuters.com/article/us-afghanistan-security-masri/afghan-security-forces-kill-senior-al-qaeda-leader-al-masri-idUSKBN2790VY>

Reported: 25/10/2020

Guatemala-Estonia

Designation

Event – Guatemala, Estonia designate Hezbollah a terrorist group.

Summary – Guatemala designated Hezbollah a terrorist organisation. The designation reportedly includes all of the Iranian-backed Shiite group's branches. Overnight Friday, Estonia, a member of the UN Security Council, announced that it, too, has labeled the Lebanese movement a terrorist group. Sudan, Israel's latest partner in peace, is also considering designating Hezbollah as a terrorist group.

Source: <https://www.israelhayom.com/2020/10/25/guatemala-estonia-designate-hezbollah-a-terrorist-group/>

Reported: 25/10/2020



NEWS



Mozambique

Terrorism

Event – Jihadi insurgency in Mozambique grows.

Summary – For the first time, a jihadi group in Mozambique has seized and held a significant town, after an assault that demonstrated growing sophistication, tactical awareness, and firepower. Fighters of Ahl al-Sunnah wa al Jamma'ah (ASWJ) captured Mocimboa da Praia in Mozambique's northernmost province of Cabo Delgado in early August 2020; by mid-October 2020, government forces had still not dislodged them.

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/jihadi-insurgency-in-mozambique-grows-in-sophistication-and-reach/>

Reported: 25/10/2020

Afghanistan

Taliban

Event – Army chief Yasin Zia: Taliban has not cut ties with Al-Qaeda.

Summary – In reaction to the killing of a senior al-Qaeda leader Husam Abdul Rauf, known as Abu Mohsen al-Misri, the Afghan Army's Chief of Staff Yasin Zia said the Taliban has yet to cut their ties with al-Qaeda and other terrorist organizations.

Source: <https://tolonews.com/afghanistan-167330>

Reported: 26/10/2020

USA

Counter-terrorism

Event – United States seizes domain names.

Summary – The United States has seized "Aletejahtv.com" and "kataibhezbollah.com," two websites that were unlawfully utilized by Kata'ib Hizballah, a specially designated national and international terrorist group.

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/united-states-seizes-more-domain-names-used-by-kataib-hizballah/>

Reported: 26/10/2020



NEWS



Syria

Terrorism

Event – IS Trials.

Summary – The Head of the Autonomous Administration of North and East Syria [AANES] recently announced that the authorities in northeast Syria (Rojava) will be conducting trials of the many Islamic State prisoners held by the Syrian Democratic Forces [SDF] beginning in early 2021. Sheikmous Ahmed, the head of the AANES office for internally displaced persons and refugees, mentioned in the announcement that Swedish observers whose government has indirectly expressed support for the upcoming trials of both men and women will monitor them, along with observers from other countries.

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/will-upcoming-trials-of-isis-women-in-northeast-syria-speed-up-repatriations-of-some/>

Reported: 26/10/2020

Syria

Al-Qaeda

Event – HTS releases al-Qaeda-linked leader of “Huras al-Din”.

Summary – HTS has released a leader of the organization “Huras al-Din” named “Abu Omar Manhaj”, after a period of detention lasted four months. Tahrir al-Sham arrested “Abu Omar Manhaj” on June 28.

Source: <https://www.syriahr.com/en/189995/>

Reported: 27/10/2020

Iraq

IS

Event – An officer killed in an IS attack in Kirkuk.

Summary – Islamic State terrorists attacked on Tuesday a security point for an oil well in Kirkuk governorate.

Source: <https://shafaq.com/en/Iraq-News/An-officer-killed-in-an-ISIS-attack-in-Kirkuk>

Reported: 27/10/2020



NEWS



Iraq

Counter terrorism Operation

Event – A dangerous IS terrorist killed in Diyala.

Summary – The Iraqi Intelligence Directorate announced on Tuesday that dangerous Islamic State terrorist, Abu Hasan Al-Kurdi, had been killed in an ambush in Diyala Governorate.

Source: <https://shafaq.com/en/Iraq-News/A-dangerous-ISIS-terrorist-killed-in-Diyala>
Reported: 27/10/2020

France

Counter-terrorism

Event – France facing ‘Very High’ terror risk after teacher beheading.

Summary – France is increasing security at religious sites as the Interior Minister said Tuesday that the country faces a “very high” risk of terrorist threats, amid growing geopolitical tensions following the beheading of a teacher who showed his class caricatures of the Prophet Muhammad. French diplomats are trying to quell anger in Turkey and Arab nations amid anti-France protests and calls for boycotts of French goods in response to President Emmanuel Macron’s firm stance against Islamism in the wake of the October 16 beheading.

Source: <https://www.hstoday.us/subject-matter-areas/counterterrorism/france-facing-very-high-terror-risk-after-teacher-beheading/>
Reported: 28/10/2020

Syria

Counter-terrorism Operation

Event – US: 7 Al-Qaeda leaders killed in air strike in Syria.

Summary – The United States announces that it killed seven senior leaders of Al-Qaeda in Syria in an air strike last week as they were meeting near Idlib, US Central Command announced on Monday.

Source: <https://www.middleeastmonitor.com/20201028-us-7-al-qaeda-leaders-killed-in-air-strike-in-syria/>
Reported: 28/10/2020



NEWS



Syria

IS

Event – Four members of Russian-backed “Fifth Corps” killed in armed attack by Islamic State members.

Summary – The Syrian Observatory for Human Rights has documented the killing of four members of the Russian-backed “Fifth Corps” in an armed attack by members of the Islamic State on the Corps checkpoint in Sokhna desert, on the administrative border between Homs and Deirez-Zor, as part of the group’s continued attacks throughout the Syrian desert.

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

Reported: 28/10/2020

Syria

Counter terrorism operation

Event – Three leaders of Tunisian nationalities among four of “Huras al-Din” leaders arrested by HTS.

Summary – As HTS continues its security campaigns against the leaders and members of al-Qaeda-linked “Huras al-Din, the HTS’ security forces arrested four leaders of “Huras al-Din”, three of whom are of Tunisian nationalities and the fourth one hails from Daraa province. The leaders were arrested in the city of Idlib.

Source: <https://www.syriahr.com/en/190083/>

Reported: 28/10/2020

Iraq

Counter-terrorism Operation

Event – Two IS terrorists arrested in Kirkuk.

Summary – The intelligence agency of the Ministry of Interior announced on Wednesday the arrest of two transporters of logistical and food supplies for the so-called “Kirkuk State” in Al-Rashad district.

Source: <https://shafaq.com/en/Iraq-News/Two-ISIS-terrorists-arrested-in-Kirkuk>

Reported: 28/10/2020



NEWS

**Afghanistan****Counter-terrorism Operation**

Event – Parts Helmand districts cleared of Taliban: Defense Ministry.

Summary – Several parts of Nawa and Nad Ali district of the southern province of Helmand were cleared of the Taliban in an ongoing operation by Afghan forces, the Ministry of Defense said on Wednesday.

Source: <https://tolonews.com/afghanistan-167357>

Reported: 28/10/2020

Iraq**Counter-terrorism Operation**

Event – Al-Anbar command dismantles a terrorist cell.

Summary – "The intelligence of the 10th Division of Al-Anbar Operations arrested five terrorists in Fallujah and its outskirts." The commander of Anbar operations, Major General Nasser Al-Ghanem, said in a statement

Source: <https://shafaq.com/en/Iraq-News/Al-Anbar-command-dismantles-a-terrorist-cell>

Reported: 29/10/2020

Iraq**IS**

Event – Two PMF members were injured in an Islamic State attack in Khanaqin.

Summary – two members of the Popular Mobilization Forces (PMF) were wounded on Thursday in an IS attack on a checkpoint on the outskirts of Khanaqin.

Source: <https://shafaq.com/en/Iraq-News/Two-PMF-members-were-injured-in-an-ISIS-attack-in-KHANAQIN>

Reported: 29/10/2020

France**Terrorism**

Event – Nice attack: Three dead and several injured.

Summary – Three people have been killed and several more wounded in a suspected terror attack in the southern French city of Nice. The aggressor have attacked inside the Notre-Dame basilica in the heart of the city.

Source: <https://www.euronews.com/2020/10/29/nice-attack-two-dead-and-several-injured-in-suspected-terror-assault-in-nice>

Reported: 29/10/2020



NEWS



Iraq

Counter-terrorism Operation

Event – Four IS hideouts destroyed in Kirkuk.

Summary – The Iraqi security forces on Thursday managed to destroy at least four hideouts belonging to the Islamic State jihadists in Kirkuk province, a statement said.

Source: <https://www.thebaghdadpost.com/en/Story/50427/Four-ISIS-Hideouts-Destroyed-in-Kirkuk>

Reported: 30/10/2020

Iraq-Germany.**IS**

Event – Germany extends anti-IS mission in Iraq.

Summary – The German Federal Parliament has extended the armed forces' mandate in the US-led Global Coalition against the Islamic State, and the NATO mission in Iraq.

Source: <https://www.thebaghdadpost.com/en/Story/50425/Germany-Extends-Anti-ISIS-Mission-in-Iraq>

Reported: 30/10/2020

Iraq**IS**

Event – IS attacks Hashd al-Shaabi militias, injures two.

Summary – Islamic State militants on Thursday night attacked a Hashd al-Shaabi position near Khanaqin, Diyala province, and injured at least two soldiers.

Source: <https://www.thebaghdadpost.com/en/Story/50426/ISIS-Attacks-Hashd-al-Shaabi-Militias-Injures-Two>

Reported: 30/10/2020

United Kingdom**Terrorist Attack**

Event – Two convicted for a terrorist plot against Rotterdam police station

Summary – Two men suspected of plotting a terrorist attack against a police station in Rotterdam were convicted and sentenced to prison.

Source: <https://nltimes.nl/2020/10/31/two-convicted-terrorist-plot-rotterdam-police-station>

Reported: 31/10/2020



TECHNOLOGICAL INNOVATIONS

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





NEWS



SYnergy of integrated Sensors and Technologies for urban sEcured environment (SYSTEM) is a 42-month, € 9 million **H2020 project** coordinated by Fondazione FORMIT involving the participation of other 22 partners, amongst whom is OSDIFE. Started in September 2018, it aims at developing and testing a **customised sensing system for hazardous substances detection** in complementary utility networks and public spaces which are tested and adapted in six urban areas.

Last 22 October the project was invited to be presented during the online Community of Users Workshop on Forensics: Explosives, Conventional forensics, Digital forensics together with one of its sister projects, EXERTER (Security of Explosives pan-European Specialists Network) aiming at bringing together a wide variety of practitioners. The event was very fruitful and settled the ground to further discuss relevant topics ascribed to the field of explosives.

Israel

Radio Systems

Event – Elbit Systems will supply Asia Pacific customer with Radio Systems.

Summary – The Israeli company Elbit Systems won a contract of \$33 million to supply an Asia-Pacific customer with tactical radio systems. The Infantry and Artillery forces of the customer will be supplied with radio equipment that will consent to maintain a stable communication system. Some of the tools that will be provided are the E-LynX Software Defined Radios (SDR) and TORCH-X Command and Control systems.

Source: <https://www.army-technology.com/news/elbit-systems-radio-systems/#:~:text=Elbit%20Systems%20has%20secured%20a,customer%20with%20tactical%20radio%20systems>

Reported: 01/10/2020

India

Vessel Commission

Event – New fast patrol vessel commissioned by Indian Navy.

Summary – A new vessel for the National Coast Guard was commissioned by the Indian Navy to Defence PSU Garden Reach Shipbuilders and Engineers Ltd. The new Indian Coast Guard Ship “KanaklataBarua” will be part of the fast patrol vessels used by the Indian navy in operations like patrolling, anti-smuggling, and anti-poaching. The 50 meters ship will be equipped with the last version of engines and control systems that will give it the opportunity to reach the 34 knots and an autonomy of 1.500 nautical miles.

Source: <https://indianexpress.com/article/india/grses-fast-patrol-vessel-icgs-kanaklata-barua-commissioned-6664184/>

Reported: 01/10/2020



NEWS



Armenia/Azerbaijan

Kamikazi Drones

Event – 'Kamikaze' drones give Azerbaijan advantage over Armenia.

Summary – A top Azerbaijani official confirms his country has deployed Israeli-made military drones to combat areas in the contested Nagorno-Karabakh region, and praises Israel's Harop drone in particular as "very effective."

Source: https://www.timesofisrael.com/liveblog_entry/azerbaijan-praises-very-effective-israeli-drones-in-fighting-with-armenia/

Reported: 01/10/2020

Italy

Radar

Event – Inauguration of the IEEE Radar Conference 2020 - Leonardo company illustrated the main Italian programs in the sector.

Summary – Thanks to the technological developments and advanced tracking algorithms introduced by Leonardo, "the capabilities of the MFRA (Multi Functional Radar Active) radar against threats represented by targets capable of simulating tactical ballistic missiles in a real way have been successfully tested during the two important multinational naval exercises of the NATO dedicated to Integrated Air Missile Defense (IAMD) Formidable Shield 2017 and Formidable Shield 2019.

Source: <https://www.analisidifesa.it/2020/10/novita-sviluppi-e-nuove-frontiere-per-i-radar-di-leonardo/> Reported: 01/10/2020

Asia

Defence

Event – Hyundai Rotem won third batch armoured vehicles supply.

Summary – With a contract of \$348,6 million, the subsidiary of Hyundai auto group, Hyundai Rotem, will supply the South Korean army with K806 and K808 armored personnel carrier vehicles. While both of them can carry 8 fully armed soldiers and can be mounted with a 30 mm cannon, the K808 vehicles, differently from the K806, are amphibious.

Source: <http://www.ajudaily.com/view/20200929101537021>

Reported: 01/10/2020



NEWS



Turkey/Somalia

Military Support

Event – Turkey continuing its assistance by donating military equipment and training army personnel.

Summary – About one-third of Somali soldiers will have been trained in Turkey, with 2,500 having graduated. In parallel with the training programs, the Turkish government donated 12 new armored personnel carriers to the Somali military. The vehicles will be used by Somalia's special unit, trained and mentored by the Turkish armed forces.

Source: <https://www.nordicmonitor.com/2020/10/turkey-sees-the-somalian-army-as-guarantor-of-its-presence-in-the-country/>

Reported: 02/10/2020

Israel

Military Upgrade

Event – Israeli navy prepares for arrival of new upgraded warships.

Summary – Israel's navy is preparing for the long-awaited arrival of its next generation of missile boats - giving it a powerful new tool to defend its strategic natural gas industry from the threat of Hezbollah.

Source: <https://www.dailystar.com.lb/News/Middle-East/2020/Oct-03/512604-israeli-navy-prepares-for-arrival-of-new-upgraded-warships.ashx>

Reported: 03/10/2020

India

Cruise Missile Launch

Event – Tested a new cruise missile launched by a submarine.

Summary – The Republic of Korea navy tested a new type of cruise missile, the Haeseong III. This indigenous supersonic and precision-guided missile was launched by a Son Won II-class (type 214) submarine. It can reach the speed of more than 800 km/h and has a range of 1,500 km.

Source: <https://navyrecognition.com/index.php/news/defence-news/2020/october/9066-south-korean-navy-conducts-test-launch-haeseong-iii-cruise-missile-from-son-won-ii-class-type-214-submarine.html>

Reported: 03/10/2020



NEWS



Israel

Missile Launcher

Event – New corvette ship almost ready for the Israeli Navy.

Summary – A new missile launcher is ready to serve the Israeli Navy. The Saar 6 was projected and created for the protection of the maritime exclusive zones where Israel is engaged in the gas extraction. The 90m vessel will be equipped with the last radars and detection systems, anti-aircraft and anti-ship weapons, and a last generation helicopter.

Source: <https://apnews.com/article/navy-israel-jerusalem-lebanon-archive-d7ce5b5073143e913cd096c36f8e98a1>

Reported: 04/10/2020

Israel

Hi-tech Development

Event – Israel launches emergency stimulus plan for hi-tech sector amid COVID-19.

Summary – Israel launched an emergency human capital stimulus plan for the hi-tech sector, the Israel Innovation Authority (IIA) said.

Source: http://www.xinhuanet.com/english/2020-10/04/c_139418557.htm

Reported: 04/10/2020

China

UAV

Event – China's Wing Loong-2 UAV completes emergency communication exercise.

Summary – The China-developed Wing Loong-2 Unmanned Aerial Vehicle (UAV) has completed the country's first large UAV-supported emergency communication exercise, the Aviation Industry Corporation of China (AVIC), its developer, announced Saturday.

Source: <http://www.ecns.cn/news/sci-tech/2020-10-04/detail-ihaaraky0557136.shtml>

Reported: 04/10/2020

Israel/The Philippines

Tank Technology

Event – Elbit Systems propose its light tank for the Philippines army.

Summary – The Israeli weapon firm Elbit Systems has proposed its new Sabrah light tank to the Philippines Acquisition Project. The vehicle come in two different configurations, equipped with fire control system, laser range finder, and one panoramic sight with advanced Electro-Optic sensors. The main weapon is a 105mm with fire range of 3.600 m.

Source:

https://armyrecognition.com/defense_news_october_2020_global_security_army_industry/elbit_systems_from_israel_offers_sabrah_light_tank_for_philippines_light_tank_acquisition_project.html

Reported: 04/10/2020



NEWS



Turkey/Canada

War Drones

Event – Canada suspends drone technology sales to Turkey after claims of use by Azeri forces.

Summary – Canada has suspended the export of some drone technology to Turkey while it probes allegations the equipment was used by Azeri forces involved in fighting with Armenia, a senior official said.

Source: <https://www.reuters.com/article/us-armenia-azerbaijan-canada/canada-suspends-drone-technology-sales-to-turkey-after-claims-of-use-by-azeri-forces-idUSKBN26Q2U4>

Reported: 05/10/2020

Israel

Technology

Event – Ofek-16 satellite handed to Israel.

Summary – Three months after its successful launch of the "Ofek-16" observation satellite into space and after a careful and pre-planned process of tests, the Space Administration of the Defense Ministry's Directorate of Defense Research and Development (DDR&D), along with Israel Aerospace Industries (IAI), on Sunday completed the preparation of the satellite for operational use in space. Ofek-16 is an electro-optic observation satellite with advanced capabilities. The satellite is equipped with a camera with the best capabilities for its weight that exists in the market.

Source: <https://www.israeldefense.co.il/en/node/45691>

Reported: 06/10/2020

Iran

Radar Development

Event – Iran puts into service two advanced long-range radar systems.

Summary – The domestically-built radar systems joined the country's defense network in the central province of Yazd on Tuesday, in a ceremony attended by Commander of Iran's Army and Khatam al-Anbia Air Defense Base, Major General Seyyed Abdolrahim Mousavi, and Commander of Islamic Revolution Guard Corps Aerospace Force Brigadier General Amir Ali Hajizadeh.

Source: <http://english.almanar.com.lb/1162647>

Reported: 06/10/2020



NEWS



China

Security

Event – China must become self-reliant in key technology to be secure, says military newspaper.

Summary – The article, headlined “Gain superiority with innovation” and published by the PLA’s China National Defence News, said China should speed up the development of strategic, forward-looking and transformative technologies.

Source: <https://www.scmp.com/news/china/military/article/3104367/china-must-become-self-reliant-key-technology-be-secure-says>
Reported: 06/10/2020

Serbia

Drones

Event – Serbia's leader said Monday that he plans to purchase Turkish-made Unmanned Aerial Vehicles (UAVs).

Summary – President Aleksandar Vucic praised Bayraktar combat drones, noting that Serbia is very interested in drone systems and will certainly buy more of them in the future.

Source: <https://www.dailysabah.com/business/defense/serbia-eyes-buying-turkish-made-combat-drones>
Reported: 06/10/2020

China

Remote 5G Technology

Event – Chinese robot performs long-distance bladder surgery using 5G.

Summary – A Chinese medical team has performed a remote radical cystectomy on a patient 3,000 kilometers away with the help of a domestically-developed surgical robot using 5G.

Source: http://www.xinhuanet.com/english/2020-10/06/c_139422030.htm
Reported: 06/10/2020



NEWS



Japan

Missile Test

Event – Successful test for the Tsirkon missile.

Summary – Launched from a frigate in the White Sea, the new hypersonic missile Tsirkon was successfully tested by the Russian Navy. The missile hit its target at a distance of 450km, but its maximum range can be considered at 1.000km. The incredible performance, however, is the speed that can reach Mach 9.

Source: [https://tass.ru/armiya-i-opk/9648897?](https://tass.ru/armiya-i-opk/9648897?utm_source=twitter.com&utm_medium=social&utm_campaign=smm_social_share)

[utm_source=twitter.com&utm_medium=social&utm_campaign=smm_social_share](https://tass.ru/armiya-i-opk/9648897?utm_source=twitter.com&utm_medium=social&utm_campaign=smm_social_share)

Reported: 07/10/2020

Turkey/Qatar

Combat Ship Launch

Event – New training ship launched for Qatari Navy.

Summary – The Turkish Anadolu shipyards launched the first Cadet Training Ship (CTS) for the Qatari navy. The ship is 90m long and it will be part of the training system of the Gulf country's navy. Apart for the naval training, the ship is equipped with a back helipad for medium-size helicopter and will provide combat management and weapon training for the cadets.

Source: <https://www.dailysabah.com/business/defense/turkeys-anadolu-shipyard-launches-1st-cadet-training-ship-for-qatari-navy>

Reported: 08/10/2020

USA - Pennsylvania

Wearable Technology

Event – Engineers print wearable sensors directly on skin without heat.

Summary – Wearable sensors are evolving from watches and electrodes to bendable devices that provide far more precise biometric measurements and comfort for users. Now, an international team of researchers has taken the evolution one step further by printing sensors directly on human skin without the use of heat, By adding a nanoparticle to the mix, the silver particles sinter at a lower temperature of about 212 F (100 C). The sensors are capable of precisely and continuously capturing temperature, humidity, blood oxygen levels and heart performance signals, according to Cheng. The researchers also linked the on-body sensors into a network with wireless transmission capabilities to monitor the combination of signals as they progress.

Source: <https://news.psu.edu/story/634601/2020/10/08/research/engineers-print-wearable-sensors-directly-skin-without-heat>

Reported: 08/10/2020



NEWS



China

Military Production

Event – Images confirm China is operating J-15 fighter aircraft from third batch.

Summary – Images published by Chinese state-owned media on 7 October have provided further evidence that the Shenyang Aircraft Company (SAC) has continued production of the J-15 carrier-borne multirole fighter, with at least two aircraft from the third batch now confirmed to be in service.

Source: <https://www.janes.com/defence-news/images-confirm-china-is-operating-j-15-fighter-aircraft-from-third-batch/>

Reported: 08/10/2020

USA - Washington

Defence

Event – Boeing predicts the defence market will resurface strongly.

Summary – The difficulties the commercial aviation and services markets are experiencing, due to the COVID-19 pandemic, will not affect Defence and Government services activities in the same way. The annual Boeing Market Outlook (BMO) forecast report reflects the impact of the coronavirus pandemic and Boeing's outlook on short-medium and long-term market dynamics.

Source: <https://www.infodefensa.com/mundo/2020/10/09/noticia-boeing-preve-mercado-defensa-resurgira-fuerza.html>

Reported: 09/10/2020

Argentina

Defence

Event – Argentina contracted Fadea to return three Diamond DA42 Twin Star Aircraft to service.

Summary – The Argentine government approved by Administrative Decision 1804/2020 an agreement between the Argentine Aircraft Factory Brigadier San Martín S.A. (Fadea) and the Ministry of Security for the return to service of three Diamond DA42 Twin Star aircraft. The Diamond DA42 Twin Star is a twin-engine utility aircraft manufactured by Australian Diamond Aircraft Industries.

Source: <https://www.infodefensa.com/latam/2020/10/09/noticia-argentina-aprueba-retorno-servicio-aeronaves-diamond.html>

Reported: 09/10/2020



NEWS



India

Technology

Event – Drones stand out among other threats in their destructive potential.

Summary – Drones or Unmanned Aerial Vehicles (UAVs) stand out among other threats in their innovative employment and destructive potential, Vice Chief of Army Staff Lt. Gen. S. K. Saini said on Saturday. He said the “third dimension” threats like drones may take precedence in the near future and the Army needs to plan for them now.

Source: <https://www.financialexpress.com/defence/drones-stand-out-among-other-threats-in-their-destructive-potential-army-vice-chief/2102439/lite/>

Reported: 10/10/2020

North Korea

Tank Development

Event – Pyongyang shows a new tank during the parade.

Summary – During the parade for the 75th anniversary of the workers party, in the tanks section was spotted a new type of tank that is similar to the Russian T-14. The hull is reinforced with heavy armored plates and also a slat armor, effective against the anti-tank missiles. On some other aspects, as for the turret, it looks similar to the American M1A2 Abrams.

Source:

https://www.armyrecognition.com/defense_news_october_2020_global_security_army_industry/north_korea_unveils_new_main_battle_tank_using_design_of_russian_t-14_armata.html

Reported: 11/10/2020

China

Military Missiles

Event – Two new guided missile destroyers enter Chinese Naval service.

Summary – Two new and advanced guided missile destroyers have recently entered service with the Chinese People's Liberation Army (PLA) Navy, official reports show.

Source: <https://www.globaltimes.cn/content/1203188.shtml>

Reported: 12/10/2020



NEWS



Azerbaijan

Defense

Event – Azerbaijan took the lion's share of the Turkish defense and aviation industry exports last month spending some \$77.1 million, according to official data.

Summary – Turkey's overall foreign sales were recorded as \$16.1 billion in September, up 4.8% year-on-year and 28.5% when compared with the month before.

Source: <https://www.dailysabah.com/business/defense/azerbaijan-tops-turkish-defense-and-aviation-industry-exports-in-september>

Reported: 12/10/2020

Chile

Defence

Event – Chile to incorporate three satellites, seven microsatellites and a supercomputer.

Summary – The President of the Republic of Chile, Sebastián Piñera, announced the development of a new National Satellite System (Snsat), which aims to materialise the Space Program as a contribution to scientific and technological development, defense, and civil society. The initiatives that make up the program provide a roadmap for realistic spatial development that will allow Chile to have, within ten years, its own satellite capabilities, and the measurement of the country's needs.

Source: <https://www.infodefensa.com/latam/2020/10/13/noticia-chile-contara-satelites-microsatelites-supercomputadora.html>

Reported: 13/10/2020

Brazil

Defence

Event – Brazil's military tested its "most powerful deterrent weapon" during "Operation Amazonas".

Summary – In the midst of recent military maneuvers, 20 shots were fired with the latest version of Astros II, a powerful multiple rocket launcher designed to saturate an area with explosives. The Brazilian Army conducted a series of maneuvers around the cities of Manacapuru, Moura and Novo Aircao, in Amazonas and near the border with Venezuela. The exercises, dubbed "Operation Amazonas 2020", involved 3,600 soldiers and numerous weapons systems, and were used to successfully test the latest version of the locally manufactured astro rocket launcher Astros II (Artillery Saturation Rocket System), a short distance from the hot border.

Source: <https://www.infobae.com/america/america-latina/2020/10/14/el-ejercito-de-brasil-probo-su-arma-disuasoria-mas-poderosa-durante-la-operacion-amazonas/>

Reported: 14/10/2020



NEWS



Turkey

Weapon systems

Event – The Turkish Armed Forces (TSK) are modernizing their armored vehicles with new weapon systems and high-tech mission equipment.

Summary – The prototype of the modernizing project, which is being undertaken by the Presidency of Defense Industries (SSB), a civil institution to strengthen Turkey's national security industry and manage the system and supply of military technology, has been completed.

Source: <https://www.dailysabah.com/business/defense/2-turkish-defense-giants-join-forces-to-modernize-armored-combat-vehicles>

Reported: 14/10/2020

Italy

Naval artillery system

Event – Leonardo company proposes the latest iteration of the best-selling represented to over 60 countries.

Summary – Thanks to technological developments to cope with operational scenarios and constantly evolving threats, Leonardo company today proposes the latest iteration of the best-selling - to over 60 countries - medium-caliber naval artillery system represented by the 76 Compact / Super Rapido family / 62 mm. The latter is intended to cope with the entire spectrum of naval missions, from multi-role to counter-shore precision fire support, passing through the ship's anti-missile and asymmetrical defense.

Source: <https://www.analisidifesa.it/2020/10/evoluzione-del-sistema-dartiglieria-navale-leonardo-super-rapido/>

Reported: 14/10/2020

Japan

New Submarine

Event – New Teigei-class launched by the Japanese Navy.

Summary – Mitsubishi Heavy Industries gave the first of the Teigei-class submarine to the Japanese Navy. The submarine will cost approximately \$720 million to be built and it will be 84 meters in length, 9.1 meters with a capacity of 70 people of the crew.

Source: <https://defpost.com/mitsubishi-heavy-industries-launches-japans-first-taigei-class-submarine/>

Reported: 14/10/2020



NEWS



Saudi Arabia

New Interceptor Vessel

Event – New indigenous interceptor by the Saudi Arabian Navy.

Summary – The Navy of Saudi Arabia has launched the first HSI32 interceptor, created by the local Zamil Ship Manufacturing Company. The boat is essential for conducting sea strike operations, research, rescue, and patrolling. With 32,2-meter length and an overall beam of 7 m, the ship can carry 12 sailors as crew and is armed with a remote-controlled 20mm turret and can reach 43 knots, with an area of operation of 800 km.

Source: <https://www.defensehere.com/eng/defense-industry/saudi-arabia-launches-its-first-local-made-hsi32-fast-interceptor-boat/76078>

Reported: 15/10/2020

Turkey

Defence Tests

Event – Turkey continues to test its S-400 Russian-made air defence system.

Summary – The Russian-made S-400 air defence systems were tested by the Turkish army in an area of the Black sea. The use of such a system was hardly criticized by the US as not from a NATO-country member. The S-400, anyway, was purchased by the Russian for a total of €2,1 billion.

Source: <https://www.euronews.com/2020/10/16/turkey-reportedly-tests-russian-air-defence-system-despite-us-sanctions-threat>

Reported: 16/10/2020

Myanmar

Submarine Acquisition

Event – Myanmar Navy will acquire a new Kilo-class submarine from India.

Summary – India is going to sell for the first time to Myanmar a new diesel-electric submarine Kilo-class. This operation is to be considered as part of a broad military collaboration activity that will strengthen the ties between the two countries. India and Myanmar are also in talks for the acquisition of artillery guns, military hardware, sonars, and advanced light torpedoes.

Source: <https://www.indiatoday.in/world/story/myanmar-navy-to-acquire-its-first-submarine-ins-retrofitted-sindhuvir-1732421-2020-10-17>

Reported: 17/10/2020



NEWS



India

Cruise Missile Test

Event – India successfully tests new cruise missile

Summary – The Indian-Russian joint venture BrahMos Aerospace has produced and successfully tested a new supersonic cruise missile. Fired from an indigenously built stealth vessel, the missile hit the target in the Arabian Sea after particular and complex manoeuvres. Launchable from submarines, ships, aircrafts or land platforms and has a range of 400 km.

Source: <https://www.thehindu.com/news/national/india-successfully-test-fires-naval-version-of-brahmos-missile/article32885895.ece>

Reported: 18/10/2020

Jordan

New Tanks

Event – A new tank from Leclerc was used by the Jordan Army.

Summary – The United Arab Emirates donated 80 new Leclerc battle tanks to the Jordan Army to re-equip 4 battalions of the Armored Division. The new tanks were tested during an exercise in the desert, supported by F-16 fighters carrying guided munitions and AH-1 Cobra attack helicopters.

Source: <https://www.janes.com/defence-news/news-detail/jordan-exercises-new-leclerc-tanks>

Reported: 20/10/2020

Italy-United Kingdom

AW 159 Helicopter and UAV

Event – On 17 September Leonardo company successfully demonstrated unique capabilities of integration between aircraft with and without pilots on board, defined as Manned-Unmanned Teaming (MUMT) operations.

Summary – This demonstration activity took place in the United Kingdom during tests involving a Leonardo AW159 Wildcat helicopter and a semi-autonomous Unmanned Aerial Vehicles (UAV) supplied by Callen-Lenz Associates.

Source: <https://www.difesaonline.it/industria/leonardo-dimostrata-nel-regno-unito-capacit%C3%A0-di-integrazione-tra-un-elicottero-aw159-e-un>

Reported: 20/10/2020



NEWS



Italy-USA

Amphibious Armored Vehicle

Event – The first fleet of 18 ACVs was delivered to a rifle platoon of the United States Marine Corps produced by BAE Systems in collaboration with IVECO

Summary – On October 15, the first fleet of 18 ACVs (the amphibious armored vehicle produced by BAE Systems in collaboration with IVECO) was delivered to a rifle platoon of the United States Marine Corps. Initially it seemed that a possible solution would involve the adoption of the General Dynamics platform, a tracked vehicle called the EFV (Expeditionary Fighting Vehicle) which, according to the requests of the Marines, should have moved from the ship to the beach at a speed of 20 knots. However, the difficulties of design and the increasing costs led to the abandonment of the EFV program.

Source: <https://www.difesaonline.it/mondo-militare/i-marines-sbarcano-allitaliana>
Reported: 20/10/2020

USA

Innovation

Event – Army researchers collaborate with university alliance to advance protection materials.

Summary – The US Army continues to focus on priority research areas through its alliances with universities and industry. The Materials in Extreme Dynamic Environments Collaborative Research Alliance, or MEDE CRA, conducted its 2020 fall meeting Oct. 15. This meeting facilitates collaboration across the entire alliance.

Source:

https://www.army.mil/article/240193/army_researchers_collaborate_with_university_alliance_to_advance_protection_materials

Reported: 22/10/2020

Taiwan

Military Equipment Deal

Event – US will supply Taiwan with air-to-ground rocket and launchers.

Summary – A \$1 billion deal was stipulated between the US and Taiwan for the supply of new air-to-ground missiles and rocket launcher to the island-nation. The US State Department approved to sell to Taiwan 135 of the AGM-84H SLAM-ER, precision-guided, air-launched cruise missiles and other technical equipment.

Source: <https://asiatimes.com/2020/10/us-to-sell-air-to-ground-missiles-to-taiwan/>
Reported: 22/10/2020



NEWS



Spain

UAV

Event – Beyond Visual Line-of-Sight missions are becoming significantly relevant in the Unmanned Aerial Vehicles industry.

Summary – During these operations, due to the distance between the platform and the Ground Control Stations (GCS), alternatives to the traditional communication systems based on UHF should be sought. One of these alternatives is satellite communication, which has proven to be a great ally to get global coverage.

Source: <https://www.reportdifesa.it/uav-navigations-collaborate-with-satlink-to-seek-appropriate-satcom-solutions-for-its-customers/>

Reported: 22/10/2020

Chile

Satellite Surveillance

Event – Chile Navy pushes for satellite project to combat illegal fishing.

Summary – The Chilean Navy handed over to the Ministry of National Defence a project to implement a satellite surveillance system that will improve the monitoring and safeguarding of the national maritime territory. The Chilean Navy also uses synthetic opening radiating satellite imagery for the analysis and constriction of the maritime surface panorama in the national Search and Rescue area.

Source: <https://www.infodefensa.com/latam/2020/10/23/noticia-armada-chile-impulsa-proyecto-satelital-combatir-pesca-ilegal.html>

Reported: 23/10/2020

Italy

Naval Defense Products

Event – Leonardo company expands its range of naval defense products with Lionfish®, the new family of small-caliber remotely controlled turrets.

Summary – Completely designed and developed by Leonardo, the line consists of four models, in which the most advanced technologies currently available on the market are concentrated: the Ultralight, the Inner Reloading and the Top of 12.7 mm caliber, and the model 20 of 20 mm caliber.

Source: <https://www.difesaonline.it/industria/leonardo-presenta-lionfish-la-nuova-famiglia-di-torrette-la-difesa-navale>

Reported: 23/10/2020

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