

SATURDAY 11 JUNE 2022

**SAT 00:00 BBC News (w172ykq2s2fnwrp)**

The latest five minute news bulletin from BBC World Service.

**SAT 00:06 The Real Story (w3ct33nz)**

The rocky road ahead for Boris Johnson

British Prime Minister Boris Johnson this week narrowly survived a confidence vote within his own party, but more than 40% of Conservative Members of Parliament thought he should go. His premiership has come under pressure after investigations into parties in Downing Street during pandemic lockdowns concluded he broke the rules he introduced. His government was elected in December 2019 with a large mandate to "get Brexit done" and his supporters insist that only he can hold the party together and deliver victory in the next election. But given the large number of Tory MPs who now think he's an electoral liability rather than an asset, will Mr Johnson be able to survive and govern? And what will Boris Johnson staying on in Number 10 mean for the UK and its place in the world?

Presenter: Ritula Shah  
 Producer: Ellen Otzen and Paul Schuster

**SAT 01:00 BBC News (w172ykq2s2fp0ht)**

The latest five minute news bulletin from BBC World Service.

**SAT 01:06 Business Matters (w172ydpd852q0wq)**

The slow death of Covid travel restrictions

The travel industry continues its path to normality with Japan reopening its doors to international travellers after two years and the US dropping Covid-19 test requirements for airline passengers. We hear more from Yukari Sakamoto, who takes tourists on tours of food markets in Tokyo. Inflation in the US rose to 8.6% in May, the highest rate since 1981. Food and energy prices led the rally with double-digit rises, but increases continue to spread throughout the economy. We talk to a consumer and a business owner in different parts of the country about how they are being affected by soaring prices.

We hear from former US ambassador Norman Eisen about the congressional committee investigating the attacks on the US Capitol in 2021. It could lead to prosecutions and new laws to strengthen election security.

Plus, young people who've made a million before they were 30 explain how they did it as part of our Business Daily series Million By 30.

Sam Fenwick is joined along the programme by Maggie McGrath, editor of Forbes Women in New York, and Sinead Mangan, a broadcaster with ABC in Australia.

(Picture: A board displaying flight arrivals at an international flights terminal in Tokyo in June. Picture credit: EPA)

**SAT 02:00 BBC News (w172ykq2s2fp47y)**

The latest five minute news bulletin from BBC World Service.

**SAT 02:06 The Newsroom (w172yl7q5sgngwb)**

The world's Newsroom brings you global events as they happen

**SAT 02:30 BBC News Summary (w172ykqx6t1chjb)**

The latest two minute news summary from BBC World Service.

**SAT 02:32 Stumped (w3ct370n)**

Will Root surpass Tendulkar's runs record?

Alison Mitchell, Brett Sprigg and Charu Sharma discuss the future of Test cricket following comments made by the ICC chairman, Greg Barclay who's questioned the direction of the longest format of the game, particularly in women's cricket.

The team celebrate Joe Root's milestone moment during the first Test with New Zealand at Lord's, becoming the 14th player to reach 10,000 Test runs and ask if the former England captain could surpass the legendary Sachin Tendulkar's run record.

We wave goodbye to another Indian legend, as Mithali Raj announces her retirement from international cricket. Plus we speak to the President of the Nigeria Cricket Federation after they received a global award from the ICC for their efforts to use cricket as a tool for good.

Photo: Joe Root of England is applauded all the way back into the pavilion after steering England to victory during Day 4 of the First Test match between England and New Zealand at Lord's Cricket Ground. (Credit: Getty Images)

**SAT 03:00 BBC News (w172ykq2s2fp802)**

The latest five minute news bulletin from BBC World Service.

**SAT 03:06 The Fifth Floor (w3ct37z8)**

Is China's population falling?

The numbers of people living in the most populated country in the world is expected to start falling this year, for the first time since the great famine more than six decades ago. There's concern about what that means for the global economy, but what do people in China think? BBC Chinese editor Howard Zhang explains why the 3-child policy hasn't worked.

**Afrocentrism**

Njoroge Muigai of BBC Nairobi recently visited a Kenyan primary school with a difference; it takes an innovative, Afrocentric approach to learning.

**Fortune-telling in Thailand**

BBC Thai has been asking why fortune-tellers are still so widely consulted in Thailand. They interviewed popular fortune-tellers and found out from younger clients why they seek consultations. Sucheera Maguire explains.

**A visit to Delhi's Lodi Gardens**

Suhaib Haleem of BBC Delhi takes us to the Lodi Gardens to look at Mughal monuments and contemplate India's relationship with its Islamic past and present.

**My Arab Adolescence**

BBC Arabic has given young people across the Arab world a platform to talk openly about the challenges they face, including taboo topics around mental health, in a podcast series for teenagers called My Adolescence. Presenter Karima Kouah shares their stories, and tells us what she hopes the series will achieve.

(Photo: Chinese babies in cots. Credit: Gong Bo/VCG via Getty Images)

**SAT 03:50 Witness History (w3ct3bwj)**

The Gulabi Gang

In the early 2000s, Sampat Pal Devi, a villager from a remote part of India's Uttar Pradesh state, started a women's rights group which now has thousands of followers across the country. The Gulabi Gang were originally vigilantes who fought back with sticks against wife-beaters, rapists and corrupt police officers. Now a more mainstream organisation, the Gulabi Gang are known for wearing pink saris and have even inspired a Bollywood film. Sampat Pal Devi talks to Reena Stanton-Sharma.

**SAT 04:00 BBC News (w172ykq2s2fpcr6)**

The latest five minute news bulletin from BBC World Service.

**SAT 04:06 The Real Story (w3ct33nz)**

[Repeat of broadcast at 00:06 today]

**SAT 05:00 BBC News (w172ykq2s2fphhb)**

The latest five minute news bulletin from BBC World Service.

**SAT 05:06 The Newsroom (w172yl7q5gsnv3q)**

The world's Newsroom brings you global events as they happen

**SAT 05:30 BBC News Summary (w172ykqx6t1cvrj)**

The latest two minute news summary from BBC World Service.

**SAT 05:32 Dear Daughter (w3ct42g1)**

Thongs and eyebrows

Underwear, razors and teenage angst. The perils of trying to fit in and be noticed. It's a tale of accidental wedgies, stealing (sort of) from dad and attempting to impress the boys.

Episode 2 letter writers: Naliaka and Emma.

Listen online at [bbcworldservice.com/deardaughter](http://bbcworldservice.com/deardaughter)

**SAT 05:50 More or Less (w3ct3k4q)**

Hannah Fry: Understanding the numbers of cancer

British mathematics professor and broadcaster Hannah Fry has spent many years trying to explain the world through numbers. But when she was diagnosed with cervical cancer she embarked on a new mission – to discover whether the medical world, and we as individuals, make the right choices around treatment.

Are patients always given the facts – and the time - they need to make rational decisions? And could we be at risk of unnecessary overtreatment?

Presenter: Tim Harford

Producer: Jon Bithrey

Programme Coordinator: Brenda Brown

Sound Engineer: Neil Churchill

**SAT 06:00 BBC News (w172ykq2s2fpm7g)**

The latest five minute news bulletin from BBC World Service.

**SAT 06:06 Weekend (w172ykwfj2n8y1p)**

The Summit of the Americas ends

We hear from Los Angeles, where the Summit of the Americas has just concluded.

Also, as the war in eastern Ukraine grinds on, there are those in the Donbas who see the Russians as liberators, not occupiers.

Plus, forty years after the Falklands War, the Argentine President condemns British sovereignty over the islands in the South Atlantic.

Joining Celia Hatton the discuss these and other issues are Myriam Francois, a Franco-British journalist and film-maker based in London; and George Parker, Political Editor at the Financial Times.

(Image: US President Joe Biden (R), and Brazilian President Jair Bolsonaro (2-L), greet each other at the Summit of the Americas in Los Angeles, California, USA. Credit: EPA)

**SAT 07:00 BBC News (w172ykq2s2fpqz1)**

The latest five minute news bulletin from BBC World Service.

**SAT 07:06 Weekend (w172ykwfj2n92bt)**

Why do some in eastern Ukraine see Russians as liberators, not occupiers?

The BBC's Abduljalil Abdurasulov explains why pro-Russian sentiments in eastern Ukraine persist in spite of the alleged brutality of Russia's invasion.

Plus, what's in a name? We hear an essay from the Turkish writer and journalist, Kaya Genc, on the rebranding of his country. And cheap, subsidised rail travel for all in Germany for the next three months.

Joining Celia Hatton the discuss these and other issues are Myriam Francois, a Franco-Irish journalist and film-maker based in London; and George Parker, Political Editor at the Financial Times.

(Photo: Houses burn after shelling, as Russia's attack on Ukraine continues, in the town of Marinka, in Donetsk region, Ukraine on 3 June 2022. Credit: Reuters/Anna Kudriavtseva)

**SAT 08:00 BBC News (w172ykq2s2fpvqq)**

The latest five minute news bulletin from BBC World Service.

**SAT 08:06 Weekend (w172ykwfj2n962y)**

UN crisis co-ordinator for Ukraine on grain exports

Amin Awad, the UN Assistant Secretary-General and United Nations Crisis Coordinator for Ukraine on whether a sea lane to export grain from Ukraine across the Black Sea can get the green light.

Also on the programme, we speak to Andrei Soldatov, of Russia's top investigative journalists, now on the most wanted list of its feared secret service, the FSB; and the story of Rudolph Vrba who along with fellow Slovak, Fred Wetzler were the first Jews to escape Auschwitz and tell the world about the holocaust.

Joining Celia Hatton the discuss these and other issues are Myriam Francois, a Franco-Irish journalist and film-maker based in London; and George Parker, Political Editor at the Financial Times.

(Image: A wheat field at a farm in southern Ukraine's Odessa region, Credit: Getty Images)

**SAT 08:30 BBC News Summary (w172ykqx6t1d703)**

The latest two minute news summary from BBC World Service.

**SAT 08:32 The Conversation (w3ct37lx)**

Detectorists: Women finding treasure

Many of us as children dream of finding a treasure map and digging up gold and precious jewels. For some that longing never goes away. Kim Chakanetsa talks to two women from the UK and Canada who spend their free time using metal detectors

to search for treasure.

In November 2021, a British nurse called Elizabeth Bailey discovered a tiny gold book while out with her metal detector. She first thought it was from a charm bracelet but, engraved with two figures thought to be the patron saints of childbirth, it's believed the charm could have been given to a wealthy pregnant woman between 1280 and 1410, when it was illegal for anyone besides the nobility to own gold.

Alison Walker uses her hobby of metal detecting to recover lost jewellery and keys for people around Ontario in Canada where she lives. Instead of taking a reward for finding precious belongings she asks that people 'pay-it-forward' to a breast cancer charity. She belongs to an international organisation called The Ring Finders and took up the pass-time 11 years ago after bidding for a metal detector in a charity auction.

**SAT 09:00 BBC News (w172ykq2s2fpzgv)**

The latest five minute news bulletin from BBC World Service.

**SAT 09:06 BBC OS Conversations (w3ct417j)**

Messages for those lost in Ukraine

As the battles continue, following the Russian forces' attack on Ukraine, we share memories from a few of the thousands of people who have lost friends, family, and colleagues during the war. We have been receiving audio messages for people from all walks of life: a toymaker, a photographer, a city mayor, an engineer, soldiers and journalists.

They include one from Tatyana, whose younger brother joined the army to defend his country eight years ago. He died in Mariupol at the age of 34.

Gregory, a journalist, pays tribute to a much-loved colleague, Vera, who died in a missile attack on her apartment. He describes how he heard a report on the evening news of an explosion in which one person had been killed and the shock of discovering the following morning that his friend was the person who had died.

Some deaths have no direct connection to the fighting, but the war has affected people in other ways. Katya remembers her mother Zenaida, a coal mining engineer, who died through illness. She describes the emotional impact of not being able to attend her funeral.

(Photo: People stand amid newly-made graves at a cemetery in the settlement of Staryi Krym outside Mariupol, Ukraine, May 2022. Credit: Alexander Ermochenko/Reuters)

**SAT 09:30 BBC News Summary (w172ykqx6t1dbr7)**

The latest two minute news summary from BBC World Service.

**SAT 09:32 Pick of the World (w3ct41wt)**

'We bought a military drone for Ukraine'

The pick of the BBC World Service chosen by digital audiences.

**SAT 09:50 Over to You (w3ct35s8)**

Behind the scenes of the Platinum Jubilee

It involved four days of celebrations for Queen Elizabeth II's Platinum Jubilee - with a series of outside broadcasts, special documentaries and themed shows.

But did you have to be a royalist to enjoy the special programming? And was the reporting sufficiently impartial? We are joined by the controller of BBC World Service English, Jon Zilkha, to answer those questions and more.

Presenter: Rajan Datar.

Producer: Howard Shannon

**SAT 10:00 BBC News (w172ykq2s2fq36z)**

The latest five minute news bulletin from BBC World Service.

**SAT 10:06 Sportshour (w172yg8jkhlvqyv)**

Escaping persecution and finding the NBA

As the NBA finals continue we hear the remarkable story of three generations of the Grunfeld family, from their escape journey from Nazi persecution to Olympic glory and beyond. A former pro baller himself Dan Grunfeld has written "By The Grace of the Game: The Holocaust, A Basketball Legacy, and an Unprecedented American Dream".

Ahead of the 50th anniversary of Title IX with the help of Dr Bonnie J Morris we look at the impact the legislation has had in levelling the playing field in women's sports, and how its influence spread far beyond the USA and into global professional sport.

Ending a professional sporting career is one of the hardest things an athlete will ever have to do. Paul Felder had a long and successful career as an MMA fighter. So how did he come to terms with putting an end to what he loved? He decided to dedicate himself to a new sport, one with less kicking and punching! Paul has entered a new Pro Am Triathlon competition the PTO and a documentary is chronicling his attempt to swim, cycle and run back to the top.

Photo: Dan Grunfeld and his grandmother Anyu who escaped Nazi Europe and found a home for Dan's father Ernie in America, and specifically the NBA Credit: Dan Grunfeld)

**SAT 11:00 BBC News (w172ykq2s2fq6z3)**

The latest five minute news bulletin from BBC World Service.

**SAT 11:06 The Newsroom (w172yl7q5gspklh)**

The world's Newsroom brings you global events as they happen

**SAT 11:30 BBC News Summary (w172ykqx6t1dl7h)**

The latest two minute news summary from BBC World Service.

**SAT 11:32 Unspun World with John Simpson (w3ct42lr)**

Will weapons from the West help Ukraine win the war?

This week John explores why Russia has such a large arsenal and if weapons from the West might help Ukraine win the war with Jonny Beale, the BBC's defence correspondent; the future of South Africa as allegations of government corruption persist with Nomsa Maseko, South Africa correspondent; Hungary's challenge to Europe over Russian oil with Nick Thorpe, Central Europe correspondent; why Saudi Arabia might now be welcome on the international stage despite human rights concerns with Hanan Razek, from BBC Arabic, and the lure of stolen antiquities from Egypt with Sally Nabil, BBC Arabic correspondent in the Middle East.

Unspun World provides an unvarnished version of the week's major global news stories with the BBC's world affairs editor John Simpson and the BBC's unparalleled range of experts.

Photo: A convoy of Russian military vehicles heading towards the Donbas region in February 2022

Credit: Getty Images

**SAT 12:00 BBC News (w172ykq2s2fq6y7)**

The latest five minute news bulletin from BBC World Service.

**SAT 12:06 The Documentary (w3ct42kt)**

Ziggy Stardust: Hang on to yourself

When David Bowie stepped onto the stage as Ziggy Stardust in 1972, one of the world's greatest gay icons was born and the rulebooks were forever rewritten. Ziggy liberated the gay, the bisexual and the androgyne. Bowie was not an activist in the traditional sense but he helped give voice to disenfranchised subcultures in society. To mark the 50th anniversary of Bowie's iconic creation, a host of LGBTQ+ voices and campaigners explain how Ziggy Stardust, inspired a generation of people to celebrate their own self-actualisation, redefining sexuality and setting the groundwork for activism that continues today.

(Photo: David Bowie, 1973 final show of Ziggy Stardust and the Spiders from Mars, Hammersmith Odeon, London. Credit: Chris Walter/WireImage)

**SAT 13:00 BBC News (w172ykq2s2fqggc)**

The latest five minute news bulletin from BBC World Service.

**SAT 13:06 Newshour (w172yfbzw86t0dn)**

Ukraine says it needs more ammunition

Ukrainian troops are under relentless bombardment as Russian forces attempt to take control of the whole of the Donbas. We hear from the head of Severodonetsk's Civil Military Administration who says intense street-to-street fighting is ongoing and water supply problems are making life very difficult for the remaining civilians.

Also on the programme: the economic crisis in Sri Lanka deepens hitting homes, hospitals, and schools; and can Germany's recent surge in rail travel be sustained?

(Photo: A Ukrainian service member shoots from a machine gun at a position on the front line, in the Donetsk region. Credit: REUTERS/Gleb Garanich)

**SAT 14:00 BBC News (w172ykq2s2fq6lh)**

The latest five minute news bulletin from BBC World Service.

**SAT 14:06 Sportsworld (w172yjqzsmr878)**

Live Sporting Action

The first tournament of the Saudi Arabia backed golf tour, LIV golf will be coming to an end on Saturday and Delyth will be joined by the BBC's Iain Carter, reporter Alex Miceli and former tour pro Sophie Walker to discuss the impact of the new tour on golf. We'll be live at Trent Bridge for the latest in second test between world test cricket champions New Zealand and England. As we'll be in Nottingham for the cricket, Sportsworld will be investigating the cities sporting pedigree, from Nottingham Forests return to the top flight of English football to the WTA Nottingham Tennis tournament. We'll chat to the Southern Vipers Tara Norris ahead of the Charlotte Edwards Cup final, we'll get the latest from the Azerbaijan Grand Prix and the NBA playoff finals.

(Photo by John Phillips/LIV Golf/Getty Images)

**SAT 18:00 BBC News (w172ykq2s2fr260)**

The latest five minute news bulletin from BBC World Service.

**SAT 18:06 The Newsroom (w172yl7q5gsqtdt)**

The world's Newsroom brings you global events as they happen

**SAT 18:30 BBC News Summary (w172ykqx6t1ffgd)**

The latest two minute news summary from BBC World Service.

**SAT 18:32 Dear Daughter (w3ct42gj)**

[Repeat of broadcast at 05:32 today]

**SAT 18:50 Sporting Witness (w3ct36fl)**

Diving into the world's largest iceberg

In 2000, Jill Heinerth was already a renowned diver, known for her exploits mapping vast underground cave networks in Florida. Filming for a National Geographic documentary brought a new and unprecedented challenge; a vast iceberg known as B-15 had broken away from an ice shelf in Antarctica, providing a unique chance to explore its networks of underground caves. Braving sub zero temperatures and the treachery of constantly shifting ice, Jill became the first person to ever enter one of these caves - a historic milestone in diving. She tells her story to Emily Finch.

PHOTO: The B-15 iceberg (Wolfgang Kaehler/LightRocket via Getty Images)

**SAT 19:00 BBC News (w172ykq2s2fr5y4)**

The latest five minute news bulletin from BBC World Service.

**SAT 19:06 World Questions (w3ct3hnnq)**

Taiwan

Jonny Dymond debates the future of Taiwan with a panel of leading politicians and questioners from across the region discussing relations with China, migrant workers, the legalisation of cannabis and the low birth rate. He is joined by Jason Hsu, senior fellow at Harvard Kennedy School and former Kuomintang Party (KMT) legislator; Wen Lii, Democratic Progressive Party (DPP) County Director, Matsu Islands; Emily Wu, podcaster and journalist; professor Kerry Brown, director, Lau China Institute at King's College London.

Producer: Helen Towner

Sound Engineers: Tim Heffer, Henry Dutton and Ian Mitchell

(Photo: Taipei skyline featuring the 101 Building. Credit: Prisma by Dukas/Universal Images Group/Getty Images)

**SAT 20:00 BBC News (w172ykq2s2fr9p8)**

The latest five minute news bulletin from BBC World Service.

**SAT 20:06 The Arts Hour (w3ct3906)**

Actor Tom Cruise

Nikki Bedi hears from Hollywood star Tom Cruise about Top Gun: Maverick - the movie that fans have been waiting for - for decades.

Irish Oscar-winning movie director and author Neil Jordan chats to Nikki about his book, The Ballad of Lord Edward and Citizen Small, and about his new movie, Marlowe.

We hear from the first Pakistani to win a Grammy, vocalist and composer Arooj Aftab.

Trinidadian writer Lisa Allen Dagostini talks about mixing humour and cruelty in her book, The Bread the Devil Knead.

Scottish-Italian screenwriter and director Armando Iannucci reveals how politics influences his art.

And Syrian performer and composer Maya Youssef takes on a musical road trip to her home country.

Plus, Nikki is also joined by film critic Tara Judah.

Producer: Paul Waters

(Photo: Tom Cruise. Credit: Joseph Okpako/Getty Images)

**SAT 21:00 BBC News (w172ykq2s2frfd)**  
The latest five minute news bulletin from BBC World Service.

**SAT 21:06 Newshour (w172yfbzw86tzc)**  
Protests in US against gun violence

Thousands of protesters are marching in cities across America demanding a reform of gun laws. President Biden told the marchers they should make it an election issue.

Also in the programme: Syria has confirmed that an air strike it blames on Israel has caused major damage at Damascus Airport; and we hear why not everyone in the eastern Ukrainian battle zone resents the presence of the Russians.

(Photo credit: Reuters)

**SAT 22:00 BBC News (w172ykq2s2frk5j)**  
The latest five minute news bulletin from BBC World Service.

**SAT 22:06 Music Life (w3ct30jy)**  
Meltdown festival with Jessie Ware, Meshell Ndegeocello, Dave Okumu and Eska

Jessie Ware, Meshell Ndegeocello, Dave Okumu and Eska discuss why you shouldn't appease anybody with your music, loving the souls of your audience, keeping in your mistakes, why music is an essential part of existence, being a jack of all trades, and why finishing a song isn't necessarily a process of letting go.

The legendary Grace Jones curates this year's Meltdown Festival at the Southbank Centre, London, so Music Life is bringing together a selection of artists playing, and some of their musical friends.

Jessie Ware has sold millions of records all over the world. After receiving a Mercury Prize nomination in 2012 for her debut album Devotion, she has become one of the biggest names in pop over the last decade.

German-born, US-raised bassist, singer, songwriter, rapper and composer Meshell Ndegeocello's prolific musical output mixes jazz, R&B, hip-hop, funk and rock, and she's been nominated for 11 Grammy awards over the course of her career.

Producer, guitarist, and The Invisible front man Dave Okumu has worked with the likes of Adele, Amy Winehouse, and Grace Jones, and is an institution in the British music scene.

Vocalist, composer and producer Eska grew up in London with Zimbabwean heritage, and makes genre-hopping soul music with folk, jazz, reggae and classical influences.

**SAT 23:00 BBC News (w172ykq2s2frnxn)**  
The latest five minute news bulletin from BBC World Service.

**SAT 23:06 The Newsroom (w172yrvwb04gnz7)**  
The world's Newsroom brings you global events as they happen

**SAT 23:20 Sports News (w172ygh33bfrdryy)**  
BBC Sport brings you all the latest stories and results from around the world.

**SAT 23:30 BBC News Summary (w172ykqx6t1g161)**  
The latest two minute news summary from BBC World Service.

**SAT 23:32 The Cultural Frontline (w3ct37rh)**  
Disabled musicians turning up the volume

Making it as a musician can be a tough gig, but if you have a disability, things can get even more complicated. Inaccessible venues, negative attitudes and lack of representation in the industry are common challenges people have to contend with. Despite this, disabled musicians are making their voices heard.

Award winning Nigerian-American Electronic Dance star Lachi has seven albums and millions of streams to her name. As a

visually impaired musician, Lachi campaigns for the inclusion of disabled artists. As well as consulting on disability inclusion, including at the White House, this year she's launched RAMPD, Recording Artists and Music Professionals with Disabilities.

Popular playback singer and producer Ritika Sahni formed Pehli Baarish, an inclusive band of disabled and non-disabled musicians in 2014. They perform in venues including hospitals, orphanages and drug rehabilitation centres, in order to change the perception of disability in Indian society. Ritika talks to Tina Daheley, along with one of its members, blind keyboard player Sarfaraz Qureshi.

Babsy Mlangeni is a celebrated South African musician, who lost his sight shortly after he was born. He started one of the first black-owned record label in South Africa and he now runs a foundation that inspires blind children to build up resilience and pursue their dreams. Babsy spoke to reporter Mpho Lakaje about his life and work.

British singer songwriter Ruth Lyon cut her teeth fronting her rock band Holy Moly & The Crackers. She shares her experiences with The Cultural Frontline about how being a wheelchair user has impacted her career and driven her activism

Producers: Kevin Satizabal Carrascal, Andrea Kidd and Laura Northedge

(Photo: Lachi. Credit: Lachi Music LLC)

## SUNDAY 12 JUNE 2022

**SUN 00:00 BBC News (w172ykq2s2frsns)**  
The latest five minute news bulletin from BBC World Service.

**SUN 00:06 BBC OS Conversations (w3ct417j)**  
[Repeat of broadcast at 09:06 on Saturday]

**SUN 00:30 BBC News Summary (w172ykqx6t1g4y5)**  
The latest two minute news summary from BBC World Service.

**SUN 00:32 Dear Daughter (w3ct42g1)**  
[Repeat of broadcast at 05:32 on Saturday]

**SUN 00:50 More or Less (w3ct3k4q)**  
[Repeat of broadcast at 05:50 on Saturday]

**SUN 01:00 BBC News (w172ykq2s2frxdx)**  
The latest five minute news bulletin from BBC World Service.

**SUN 01:06 The Science Hour (w3ct39z7)**  
Body scan reveals HIV's hideouts

Researchers have developed a medical imaging technique which reveals where in the body HIV lies hidden, even when people have their infection well controlled by antiviral drugs. The team at the University of California, San Francisco hope this will lead to better treatments and even cures for HIV. As Timothy Henrich told us, they are also going to use the technique to investigate the notion that Long Covid is caused by the coronavirus persisting deep in the body's tissues.

Also in the programme, Roland Pease reports from the vast particle accelerator in Switzerland where the famous Higgs particle was discovered ten years ago. The scientists there are preparing to begin experiments with an upgraded Large Hadron Collider to learn more about the particle and the fundamental nature of the Universe.

Roland also talks to Frank Close, physicist and author of 'Elusive' - a new biography of Peter Higgs, a scientist as elusive as the particle named after him.

Finally an international team of archaeologists have revised the ancient history of the chicken, with a new programme of radiocarbon dating and analysis of buried bird bones. Humanity's relationship with the bird began much more recently than some researchers have suggested. Naomi Sykes of Exeter University and Greger Larson of Oxford University tell Roland when, where and how the domestication began and how the birds spread from Southeast Asia to the rest of the world.

And, Humans can walk for miles, solve problems and form complex relationships on the energy provided by three meals a day. That's a lot of output for a fairly modest input. Listener Charlotte from the UK wants to know: how are we so efficient? And how does human efficiency compare to that of machines?

CrowdScience presenter Marnie Chesterton pits her energetic wits against everything from cars to wheelchairs to find out how she shapes up. Cars can travel many hundreds of kilometres a

day if you give them a couple of tanks of fuel. But the only fuel Marnie needs to walk to work is a cup of coffee. She gets experts to help her work out who does the most efficient job.

Marnie also explores whether humans are born equal when it comes to fuel efficiency. Does the energy from one banana get converted into the same amount of movement from person to person? And how does she compare to an Olympic athlete? Marnie gets put through her paces to find out how efficient she really is.

Image: VRCPET body scan reveals HIV's hideouts  
Credit: Timothy Henrich / University of California, San Francisco

**SUN 02:00 BBC News (w172ykq2s2fs151)**  
The latest five minute news bulletin from BBC World Service.

**SUN 02:06 The Newsroom (w172y17q5srsf)**  
The world's Newsroom brings you global events as they happen

**SUN 02:30 BBC News Summary (w172ykqx6t1gdf)**  
The latest two minute news summary from BBC World Service.

**SUN 02:32 Health Check (w3ct32wg)**  
What brain scans tell us

Brain scans can reveal new ways to diagnose and potentially treat psychiatric, psychological and neurological conditions. But why has the promise been so slow to turn into reality? Claudia Hammond is joined by Sophie Scott, Director of the Institute of Cognitive Neuroscience and also by neuroscientist Scott Marek of Washington University in St Louis.

Plus one year on since fluoride toothpaste was added to the World Health Organisation's essential medicines list, Charles Mgbolu reports from Lagos about a market flooded with non-fluoridated toothpaste amid continued oral health concerns.

And shocking results showing a global shortage of 43 million medical staff are discussed with study lead author Professor Rafael-Lozano.

Plus studio guest family doctor Ann Robinson says there's good news about new evidence for treating Crohn's disease.

Presenter: Claudia Hammond  
Producer: Erika Wright

(Picture: A patient in MRI scanner with a nurse explaining the scan. Photo credit: ER Productions Limited/Getty Images.)

**SUN 03:00 BBC News (w172ykq2s2fs4x5)**  
The latest five minute news bulletin from BBC World Service.

**SUN 03:06 The Documentary (w3ct42kt)**  
[Repeat of broadcast at 12:06 on Saturday]

**SUN 04:00 BBC News (w172ykq2s2fs8n9)**  
The latest five minute news bulletin from BBC World Service.

**SUN 04:06 From Our Own Correspondent (w3ct327g)**  
Cuba's swelling exodus

Since the Cuban Revolution of 1959 there have been many swells – and ebbs – of migration from the island. But as its people endure a serious economic squeeze and a crackdown on dissent, the desire to leave is growing again. Recently the numbers of Cubans arriving at US borders have been rising sharply, and President Biden's administration has announced some relaxations to its visa policy for Cubans. Will Grant reports from Havana on why some Cubans now feel it's time for them to pack up and go.

The Nile perch – an energetic predator fish with a ravenous appetite – once fuelled a boom in fishing on Lake Victoria in east Africa. Around the lake's shore, crews put out to haul lucrative catches from the waters. But these days the boom has collapsed, the perch are scarcer and smaller, and profits have dwindled too. Mark Weston went out on a night's work with one Tanzanian fisherman and was left wondering if there's much future in the business.

Land predators can be even more controversial. In Yellowstone National Park, in the USA, the native population of grey wolves was wiped out in the 1920s – but reintroduced in the 1990s. Since then they've flourished – and the park was called an 'international rewilding success story'. But as Emilie Filou found out, while tourists and park visitors wonder at the wolves, some local ranchers and farmers still consider them a pest – and call for more wolves to be hunted.

How can you change nationalities several times over, without ever moving house? It depends when and where you're born. Monica Whitlock recently visited a village in Poland which has belonged to people of many nations – and stayed the night in a castle of many lands.

Producer: Polly Hope  
Production Co-Ordinator: Iona Hammond  
Editor: Richard Fenton-Smith

**SUN 04:30 BBC News Summary (w172ykqx6t1gmxp)**  
The latest two minute news summary from BBC World Service.

**SUN 04:32 The Cultural Frontline (w3ct37rh)**  
[Repeat of broadcast at 23:32 on Saturday]

**SUN 05:00 BBC News (w172ykq2s2fddf)**  
The latest five minute news bulletin from BBC World Service.

**SUN 05:06 The Newsroom (w172yl7q5gsrr0t)**  
The world's Newsroom brings you global events as they happen

**SUN 05:30 BBC News Summary (w172ykqx6t1grnt)**  
The latest two minute news summary from BBC World Service.

**SUN 05:32 The Documentary (w3ct42ks)**  
Inside the Kim regime

Have you ever wondered what life is like at the very top of the North Korean regime? Thae Yong-ho was once the Deputy Ambassador of North Korea to the United Kingdom until he defected with his family in 2016. Yong-Ho gives a first-hand account of how and why he risked everything to escape London's North Korean Embassy for a new life in South Korea.

(Photo: Thae Yong-ho in South Korea, with kind permission)

**SUN 06:00 BBC News (w172ykq2s2fsj4k)**  
The latest five minute news bulletin from BBC World Service.

**SUN 06:06 Weekend (w172ykwfj2ncvhs)**  
Will French left deprive Macron of a parliamentary majority?

French President Emmanuel Macron is hoping to retain his parliamentary majority in the face of a new electoral alliance, headed by the far-left leader, Jean-Luc Melenchon, which includes the Socialists and Greens.

Also in the programme: Has British prime minister Boris Johnson seen off the rebels in his own party who called a no confidence vote in his leadership last week, and lost; and the Palestinian singer and musician Nai Barghouti who combines jazz with Arabic and western classical music.

(Photo: People attend a campaign meeting of left-wing coalition NUPES (Nouvelle Union Populaire Ecologique et Sociale) ahead of France's parliamentary elections, in Caen, France, 8 June 2022. Credit:Reuters/Sarah Meyssonnier)

**SUN 07:00 BBC News (w172ykq2s2fsmwp)**  
The latest five minute news bulletin from BBC World Service.

**SUN 07:06 Weekend (w172ykwfj2ncz7x)**  
Fallout from Ukraine conflict compounds Lebanon's misery

Lebanon is one of many countries in the Middle East and Africa that rely heavily on food imports from Ukraine and Russia. Normally it imports 90 per cent of its wheat and cooking oil from there. But the blockage of Ukrainian ports by Russia and international sanctions against Moscow in response to the invasion have severely curtailed supplies, forcing up prices.

Also in the programme: The UK's plan to relocate asylum seekers to Rwanda in east-central Africa goes to the Court of Appeal; and Danish political drama Borgen, which has enjoyed international success, is back for a fourth series.

(Photo: Lebanese Bank customers burn junk in front of the entrance to the house of the Chairman and Chief Executive of Bank of Beirut in Beirut and President of the Association of Banks in Lebanon, Salim Sfeir, during a protest in Sin El Fil area north of Beirut, Lebanon, 11 June 2022. Bank customers demand that they be allowed to withdraw their deposits that have been blocked amid the economic crisis in the country as the Lebanese pound has lost about 90 percent of its value against the dollar and to reject the Capital Control Law. Lebanon has been struggling with compounded crises for nearly two years, including the economic and financial crisis, the

COVID-19 pandemic and the explosion of the Beirut port. The World Bank says the economic crisis in the country is possibly among top three most severe crises episodes globally since the mid-nineteenth century. Credit: EPA/Wael Hamzeh)

**SUN 08:00 BBC News (w172ykq2s2fsrmt)**  
The latest five minute news bulletin from BBC World Service.

**SUN 08:06 Weekend (w172ykwfj2nd301)**  
Beijing warns it will never allow Taiwan to secede from China

The testy relations between two superpowers - China and the US - have been on display at a high-profile security summit in Singapore, the Shangri-la Dialogue. The Chinese defence minister, General Wei Fenghe, gave a fiery response to his US counterpart, Lloyd Austin's speech. At issue, Beijing's strong view that China will eventually reclaim the self-ruled island of Taiwan. On the other side, the US has been cautioning China against contemplating an invasion of the island.

Also in the programme: the consultant palaeontologist on the film Jurassic World Domination, Professor Steve Brusatte, talks about dinosaurs and mammals; and the French head to the polls in what the left is billing as the "third round" of elections, in which they are seeking to deprive President Macron of a parliamentary majority.

(Photo: China's Minister of National Defense Wei Fenghe delivers his speech during the fifth plenary session of the International Institute for Strategic Studies (IISS) Shangri-la Dialogue at the Shangri-la hotel in Singapore, 12 June 2022. Defence ministers and officials from 42 countries are gathered in the city state for the IISS Shangri-la Dialogue, an annual high level defence summit in the Asia Pacific region that has been on hold for the past two years due to the Covid-19 pandemic. The summit will be held from 10-12 June 2022. Credit: EPA/How Hwee Young)

**SUN 08:30 BBC News Summary (w172ykqx6t1h3x6)**  
The latest two minute news summary from BBC World Service.

**SUN 08:32 The Food Chain (w3ct38mx)**  
The recipe translators

Many chefs reach global status, with international demand for their latest book. Spare a thought for the translators, tasked with making their recipes accessible across barriers of language, culture and cuisine.

Translating a recipe isn't as simple as getting the dictionary out, you need to understand the different terminology and ingredients used in each country, whilst staying true to the original dish.

We speak to Rosa Llopis, a Spanish translator who specialises in gastronomy and has translated a number of cookbooks. Cristina Cigognini is an Italian translator who usually specialises in literary translation of novels, but brought her skills to two cook books published by the chef Yotam Ottolenghi. Nawal Nasrallah is an Iraqi living in the US who translates medieval Arabic food texts, bringing those historic recipes to new audiences.

If you would like to get in touch with the show, please email thefoodchain@bbc.co.uk.

Presented by Ruth Alexander.

Produced by Beatrice Pickup.

**SUN 09:00 BBC News (w172ykq2s2fswcy)**  
The latest five minute news bulletin from BBC World Service.

**SUN 09:06 From Our Own Correspondent (w3ct327g)**  
[Repeat of broadcast at 04:06 today]

**SUN 09:30 BBC News Summary (w172ykqx6t1h7nb)**  
The latest two minute news summary from BBC World Service.

**SUN 09:32 Outlook (w3ct41dj)**  
The black woman who cared for a Klansman

Stephanie Summerville tells us about her eye-opening experience as a casual worker. It was her first job and it thrust her into a shocking situation. She was providing respite care for a terminally-ill man in her hometown of Evansville, in Indiana. As she looked around his bedroom she saw a white robe and a hood with eyeholes cut out. Stephanie was a young African American woman and this was the unmistakable uniform of the Ku Klux Klan. This episode was first broadcast in January 2020.

Presenter: Mariana Des Forges  
Producer: Deiniol Buxton

Picture: Stephanie Summerville  
Credit: BBC

Get in touch: outlook@bbc.com

**SUN 10:00 BBC News (w172ykq2s2f042)**  
The latest five minute news bulletin from BBC World Service.

**SUN 10:06 People Fixing The World (w3ct1plb)**  
The library where the books are people

At the human library you borrow a person you wouldn't usually meet for a half-hour frank conversation. The volunteers have various book titles from polyamorous to former prisoner. The aim of these face-to-face chats is to break down our assumptions and prejudices. We explore whether simple discussions can make a difference.

Produced and presented by Claire Bates.

Picture: Ronni Abergel, Human Library

**SUN 10:30 BBC News Summary (w172ykqx6t1hcdg)**  
The latest two minute news summary from BBC World Service.

**SUN 10:32 Heart and Soul (w3ct423b)**  
LGBTQ+: Religion and me

We explore the interplay of faith, spirituality and LGBTQ+ identity in this special episode for Pride Month 2022. We hear three fascinating cross-cultural and religious conversations between people who are also LGBTQ+. Furgie was raised a Muslim as a child in Pakistan. He speaks to Sukhdeep, a gay Sikh man in India. Abby Stein left her strict Hasidic Jewish community and transitioned but she is still very much Jewish. Abby talks to Claire who is a 73-year-old trans woman from the UK. Finally two African queer women explore their relationship with religion - one as a Christian and the other as Muslim growing up in Kenya.

Producer: Nina Robinson and Josie LeVay

(Image: A rainbow flag seen flying during a Pride March in New York, USA, 2021. Credit: Erik McGregor via Getty Images)

**SUN 11:00 BBC News (w172ykq2s2ft3w6)**  
The latest five minute news bulletin from BBC World Service.

**SUN 11:06 The Newsroom (w172yl7q5gssghl)**  
The world's Newsroom brings you global events as they happen

**SUN 11:30 BBC News Summary (w172ykqx6t1hh4l)**  
The latest two minute news summary from BBC World Service.

**SUN 11:32 The Compass (w3ct42lj)**  
Himalaya: The Human Story

Saving Asia's water towers

If the Himalayan glaciers melt, a billion lives and whole ecosystems will be at risk. Journalist and broadcaster Ed Douglas joins innovative community projects in Ladakh and Nepal looking to mitigate the impact of climate change now and in the future. Their success or failure will determine the future environmental security beyond their local region, to all of Asia.

Presenter: Ed Douglas  
Producer: Clem Hitchcock  
Editor: Susan Marling  
A Just Radio production for BBC World Service

(Photo: A valley in the Himalaya mountain. Credit: Ed Douglas)

**SUN 12:00 BBC News (w172ykq2s2f7mb)**  
The latest five minute news bulletin from BBC World Service.

**SUN 12:06 World Questions (w3ct3hng)**  
[Repeat of broadcast at 19:06 on Saturday]

**SUN 13:00 BBC News (w172ykq2s2ftccg)**  
The latest five minute news bulletin from BBC World Service.

**SUN 13:06 Newshour (w172yfbzw86wx9r)**

Russian offensive continues in eastern Ukraine

Russian forces are tightening their grip on the eastern Ukrainian city of Severodonetsk. We hear from a former resident whose neighbours are refusing to leave.

Also in the programme: votes are being cast in parliamentary elections in France; and an African conservationist explains why he is opposed to British plans to ban big game trophy-hunting imports.

(Photo: Smoke and dirt rise from shelling in the city of Severodonetsk. Credit: Getty Images.)

**SUN 14:00 BBC News (w172ykq2s2fth3l)**

The latest five minute news bulletin from BBC World Service.

**SUN 14:06 The Forum (w3ct38sf)**

The Popol Vuh: Central American epic that survived Spanish conquest

Mythological sagas are often fantastical and push the imagination to the limit but the Popol Vuh, which originates in what is Guatemala today, has a gallery of extraordinary characters both good and bad. They get involved in a series of mind-boggling battles and challenges and this eventually leads to the creation of the human race. The Maya K'iche' story of the Popol Vuh has come down to us in an 18th-Century transcription and Spanish translation by a priest called Francisco Ximenez, and as with many ancient stories, there are tantalising questions about the history of the manuscript and the origins of the tale itself.

Rajan Datar traces the meanings and significance of the Popol Vuh with the help of Frauke Sachse who is director of Pre-Columbian Studies at the Dumbarton Oaks Research Library and Collection in Washington DC; Iyalex Cojti Ren, professor at the University of Texas; Allen Christenson who is professor at Brigham Young University in Provo, Utah as well as an ethnographer and author of a new translation and critical edition of the Popol Vuh. The reader is Florencia Cordeu.

(Image: A Mayan ball player at the Great Ball Court in Chichen-Itza. Credit: Independent Picture Service/Universal Images Group/Getty Images)

**SUN 14:50 Over to You (w3ct35s8)**

[Repeat of broadcast at 09:50 on Saturday]

**SUN 15:00 BBC News (w172ykq2s2ftlvq)**

The latest five minute news bulletin from BBC World Service.

**SUN 15:06 Music Life (w3ct30jy)**

[Repeat of broadcast at 22:06 on Saturday]

**SUN 16:00 BBC News (w172ykq2s2ftqlv)**

The latest five minute news bulletin from BBC World Service.

**SUN 16:06 Sportsworld (w172yqjzsmvdm)**

Live Sporting Action

Sunday Sportsworld this week looks ahead to two of the biggest women's football tournaments - the European Championships and Africa Women's Cup of Nations.

There'll also be reaction to the Rome Diamond League meeting and Azerbaijan Grand Prix, plus the latest from the second Test between England and New Zealand, and the inaugural LIV golf tournament.

Image: A detailed view of the UEFA Women's Champions League Knockout Stage match ball next to the UEFA Women's Champions League trophy at the UEFA headquarters, The House of European Football, on February 7, 2022, in Nyon, Switzerland. (Photo by Richard Juilliart - UEFA/UEFA via Getty Images)

**SUN 19:00 BBC News (w172ykq2s2fv2v7)**

The latest five minute news bulletin from BBC World Service.

**SUN 19:06 The Newsroom (w172y17q5gstfgm)**

The world's Newsroom brings you global events as they happen

**SUN 19:30 BBC News Summary (w172ykq2s2fv2v7)**

The latest two minute news summary from BBC World Service.

**SUN 19:32 Unspun World with John Simpson (w3ct42lr)**

[Repeat of broadcast at 11:32 on Saturday]

**SUN 20:00 BBC News (w172ykq2s2fv6lc)**

The latest five minute news bulletin from BBC World Service.

**SUN 20:06 The History Hour (w3ct39l8)**

How Sri Lanka's president survived a suicide bombing

Max Pearson introduces first-hand accounts of the 2006 suicide bombing attack on Sri Lanka's president, the 75th anniversary of Anne Frank's diary and the 1968 assassination in the US of Bobby Kennedy. Plus, the birth of a crime fighting women's rights group in India and the moment the President of Gabon was shown the treasures of the rainforest.

**SUN 21:00 BBC News (w172ykq2s2fvbhh)**

The latest five minute news bulletin from BBC World Service.

**SUN 21:06 Newshour (w172yfbzw86wx8s)**

A 'first step' towards US gun control

US lawmakers across the political spectrum have agreed new proposals on gun controls. We speak to a leading gun control activist who led the March for our Lives protests across the US on 11th June. David Hogg says it is only a first step, but a significant one.

Also on the programme: a Ukrainian wheelchair user tells us how he is no longer able to provide help to people in his town, Severodonetsk, as fierce fighting continues there; and our Russia editor pays a visit to one of Russia's newly opened, rebranded McDonald restaurants.

Photo: A woman hugs her child as they take part in a "March for our Lives" rally for gun control in Parkland, Florida Credit: REUTERS/Marco Bello

**SUN 22:00 BBC News (w172ykq2s2fv2m)**

The latest five minute news bulletin from BBC World Service.

**SUN 22:06 Tech Tent (w3ct3755)**

Is the work from home revolution unstoppable?

As new data shows the work from home revolution is accelerating, we ask if technology has forced the world of work to change for ever. Claire McCartney, from the CIPD, shares her expertise and the BBC's New York business correspondent Michelle Fleury gives the picture from the US. Zoe interviews the boss of Uber, Dara Khosrowshahi, about the company's future. Kyle Glen, co-host of the Osint Bunker podcast, and the BBC's Gordon Corera discuss open source intelligence. And the latest twists and turns in the Elon Musk Twitter takeover saga.

**SUN 22:30 BBC News Summary (w172ykq2s2fv2m)**

The latest two minute news summary from BBC World Service.

**SUN 22:32 Pick of the World (w3ct41wt)**

[Repeat of broadcast at 09:32 on Saturday]

**SUN 22:50 Over to You (w3ct35s8)**

[Repeat of broadcast at 09:50 on Saturday]

**SUN 23:00 BBC News (w172ykq2s2fvktr)**

The latest five minute news bulletin from BBC World Service.

**SUN 23:06 The Newsroom (w172yrvwb04kkwb)**

The world's Newsroom brings you global events as they happen

**SUN 23:20 Sports News (w172ygh33bfhwn1)**

BBC Sport brings you all the latest stories and results from around the world.

**SUN 23:30 BBC News Summary (w172ykq2s2fvktr)**

The latest two minute news summary from BBC World Service.

**SUN 23:32 Outlook (w3ct41dj)**

[Repeat of broadcast at 09:32 today]

**MONDAY 13 JUNE 2022****MON 00:00 BBC News (w172ykq2s2fvkpw)**

The latest five minute news bulletin from BBC World Service.

**MON 00:06 From Our Own Correspondent (w3ct327g)**

[Repeat of broadcast at 04:06 on Sunday]

**MON 00:30 BBC News Summary (w172ykq2s2fvkpw)**

The latest two minute news summary from BBC World Service.

**MON 00:32 Heart and Soul (w3ct423b)**

[Repeat of broadcast at 10:32 on Sunday]

**MON 01:00 BBC News (w172ykq34bqzn5)**

The latest five minute news bulletin from BBC World Service.

**MON 01:06 The Newsroom (w172y17qjr2z06k)**

The world's Newsroom brings you global events as they happen

**MON 01:30 BBC News Summary (w172ykq2s2fvkpw)**

The latest two minute news summary from BBC World Service.

**MON 01:32 Discovery (w3ct42fy)**

The Curious Cases of Rutherford and Fry

The colour conundrum

The world is full of colour! But, listener Maya Crocombe wonders 'how do we see colour and why are some people colour blind?'

Dr Rutherford and professor Fry set out to understand how special light-sensitive cells in our eyes start the process of colour perception, why people sometimes have very different experiences of colour and whether, in the end, colour is really just 'in our heads'.

Dr Gabriele Jordan from Newcastle University explains why lots of men struggle to discriminate between certain colours and why there were lots of complaints from colour-blind viewers when Wales played Ireland at rugby.

Professor Anya Hurlbert, also from Newcastle University, tackles the most divisive of internet images: The Dress! Did you see it as blue-black or yellow-gold? Anya explains why people see it so differently, and why our ability to compensate for available light is so useful.

To see the Dunstanborough Castle illusion as described in the episode, check out the Gallery on this page and also on the Discovery homepage.

**MON 02:00 BBC News (w172ykq34bqzbs9)**

The latest five minute news bulletin from BBC World Service.

**MON 02:06 The Newsroom (w172y17qjr2z3yp)**

The world's Newsroom brings you global events as they happen

**MON 02:30 BBC News Summary (w172ykq2s2fvkpw)**

The latest two minute news summary from BBC World Service.

**MON 02:32 The Climate Question (w3ct3kj0)**

How is climate change affecting our mental health?

We often talk about the physical costs of climate change; the economic fallout, the effect on livelihoods and damage to the earth. But all of the changes to our world caused by global warming will have an effect on our minds, our mental health too.

Earlier this year the mental health challenges caused by rising temperatures and extreme weather events were spotlighted in a report by the UN's climate science body, the IPCC. Anxiety, stress, post-traumatic stress disorder, and even suicide, are all predicted to increase as the world heats up. Jordan Dunbar looks at what this means for people living on the front line of climate change, including examples from Nigeria, India and the Philippines.

Joining Jordan to discuss the mental health challenges facing a warming world are:

Dr Brandon Gray – Clinical Psychologist, World Health Organisation  
Dr Gesche Huebner Senior Researcher University College London, Energy Institute  
Dr Paolo Cianconi Psychiatrist Catholic University of Rome, Department of Neurosciences

Presenter: Jordan Dunbar

Reporter: Rajesh Joshi

Producer: Jordan Dunbar and Sarah Wild

Production Coordinators: Sophie Hill, Siobhan Reed

Series Producer: Alex Lewis

Sound Engineer: James Beard

Editor: Richard Fenton-Smith

**MON 03:00 BBC News (w172ykq34bqz2f)**

The latest five minute news bulletin from BBC World Service.

**MON 03:06 Tech Tent (w3ct3755)**  
[Repeat of broadcast at 22:06 on Sunday]

**MON 03:30 BBC News Summary (w172ykqxl2bp8bt)**  
The latest two minute news summary from BBC World Service.

**MON 03:32 Pick of the World (w3ct41wt)**  
[Repeat of broadcast at 09:32 on Saturday]

**MON 03:50 Over to You (w3ct35s8)**  
[Repeat of broadcast at 09:50 on Saturday]

**MON 04:00 BBC News (w172ykq34br00tk)**  
The latest five minute news bulletin from BBC World Service.

**MON 04:06 The Newsroom (w172y17qjr2zcfy)**  
The world's Newsroom brings you global events as they happen

**MON 04:30 BBC News Summary (w172ykqxl2bpd2y)**  
The latest two minute news summary from BBC World Service.

**MON 04:32 The Conversation (w3ct37ly)**  
Our journey to sobriety

Alcoholism is a global health issue which each year results in millions of deaths. Kim Chakanetsa speaks to two women to discuss the realities of addiction and compare their different paths to sobriety.

Danijela Kovac from Canada gave up alcohol nearly 12 years ago. Years into sobriety, Danijela became frustrated at the lack of choice for non-alcoholic beverages for adults and created her own non-alcoholic wine company, Teetotaler Wines.

Desiree-Anne Martin from South Africa is a recovering addict with over 17 years of sobriety. She is also an author, poet and addictions and trauma counsellor. She has written a memoir, *We Don't Talk About It*. Ever, about her struggles with mental health difficulties and overcoming drug and alcohol addiction.

Produced by Emily Naylor and Alice Gioia.

(Image: (L), Danijela Kovac, courtesy of Danijela Kovac. (R), Desiree-Anne Martin, credit Benita Rixton.)

**MON 05:00 BBC News (w172ykq34br04kp)**  
The latest five minute news bulletin from BBC World Service.

**MON 05:06 Newsday (w172yf8jxbq0s73)**  
US senators reach agreement on proposed gun safety laws

A group of US Senators have reached an agreement on proposed gun safety laws, following a spate of mass shootings in recent weeks. Measures include tougher background checks for gun buyers under the age of 21 and moves to stop people buying guns for others who are restricted from purchasing them. The proposals fall short of changes demanded by President Biden but he's welcomed the agreement nonetheless.

As fighting escalates in the Ukrainian city of Severodonetsk, we'll have the latest on the war.

In Beijing, an outbreak of covid -19 is described as 'ferocious' by officials. The centre of the spread has been identified as the Heaven Supermarket Bar, with 166 people having now tested positive. In response, three days of mass testing have been announced.

**MON 06:00 BBC News (w172ykq34br089t)**  
The latest five minute news bulletin from BBC World Service.

**MON 06:06 Newsday (w172yf8jxbq0wz7)**  
Mass Covid-19 testing in Beijing

Mass testing is starting for several days in one of Beijing's most populous districts, following what is described as a ferocious Covid-19 outbreak. While much of the world has relaxed curbs, China's authorities continue with their zero Covid policy, trying to stamp out outbreaks early with measures including heavy restrictions on movement and mass testing.

After a cross-party deal in Washington DC, the US could end up with its first law in decades that would restrict access to guns. But campaigners say the proposals don't go far enough.

We'll also look at the use of cluster munitions in Ukraine.

**MON 07:00 BBC News (w172ykq34br0d1y)**  
The latest five minute news bulletin from BBC World Service.

**MON 07:06 Newsday (w172yf8jxbq10qc)**  
Beijing begins Covid testing to control outbreak

A new covid outbreak in Beijing has been described as 'ferocious' by Chinese authorities. The centre of the spread has been identified as the Heaven Supermarket Bar, with 166 people having now tested positive. In response, three days of mass testing have been announced.

A landmark deal in the US congress. Following a spate of mass shootings, Democrats and Republicans agree to push through gun controls.

The battle for Severodonetsk continues, we'll have the latest on the military situation there and hear the prospects for Ukrainian forces battling the Russians.

**MON 08:00 BBC News (w172ykq34br0ht2)**  
The latest five minute news bulletin from BBC World Service.

**MON 08:06 HARDtalk (w3ct32lg)**  
Josef Aschbacher: Is Europe losing the space race?

Stephen Sackur speaks to the head of the European Space Agency, Josef Aschbacher. Russia's invasion of Ukraine put an end to space cooperation with Moscow, leaving key projects in disarray. Has it also left Europe looking like an also-ran in the space race?

**MON 08:30 BBC News Summary (w172ykqxl2bwp2g)**  
The latest two minute news summary from BBC World Service.

**MON 08:32 Business Daily (w3ct30x8)**  
Egg freezing: the ultimate workplace perk?

Singapore has become the latest country to allow egg freezing for non-medical reasons. That is a method of preserving a woman's fertility so she can try and have children at a later date. With an increasing number of companies offering this and other fertility benefits as a workplace perk, Ivana Davidovic asks if this always good news for women?

Carol Chen, a businesswoman based in Singapore, explains why she would have loved to have had a chance to freeze her eggs closer to home, rather than have to travel thousands of miles to the US to do the procedure there. She also hopes that other countries in Asia will soon make the process more streamlined

Just under 40% of large companies in the US - so those over 500 employees - offer fertility benefits and the numbers are rising fast. Now even Europe, with its much more generous national health services, is starting to follow suit. Co-founder of a fertility benefit company based in Berlin, Jenny Saft, explains why.

American entertainment lawyer Nyasha Foy tells her egg freezing story and the role that her employer played, while also considering specific issues faced by black women. Lecturer Lucy van de Wiel warns that employers having influence over their staff's fertility choices may not always mean good news for women.

And Californian fertility doctor Aimee Eyvazzadeh, also known as the "egg whisperer", talks about why she throws egg freezing parties and why we might need to accept that women will increasingly give birth in their 40s and 50s.

Presented and produced by Ivana Davidovic

Image: A woman injecting hormones in preparation for egg extraction. Credit: Getty Images

**MON 08:50 Witness History (w3ct3byt)**  
Holy Cross school dispute

A violent sectarian dispute took place outside Holy Cross primary school in Belfast in 2001. Loyalist protesters tried to block Catholic pupils and their parents going to school for months. Rachel Naylor spoke to one of the parents, Elaine Burns.

(Photo: Adrian Dennis/AFP/Getty Image)

**MON 09:00 BBC News (w172ykq34br0mk6)**  
The latest five minute news bulletin from BBC World Service.

**MON 09:06 The Climate Question (w3ct3kj0)**  
[Repeat of broadcast at 02:32 today]

**MON 09:30 BBC News Summary (w172ykqxl2bpbtl)**  
The latest two minute news summary from BBC World Service.

**MON 09:32 CrowdScience (w3ct33j6y)**  
Human v Machine

Humans can walk for miles, solve problems and form complex relationships using the energy provided by daily meals. That is a lot of output for a fairly modest input. Listener Charlotte from the UK wants to know: how efficient are humans? How do they compare to cars, other animals and even to each other?

Presenter Marnie Chesterton pits her energetic self against everything from cars to rabbits to find out how she shapes up.

Marnie also explores whether humans are born equal when it comes to fuel efficiency. Does the energy from one banana get converted into the same amount of movement from person to person? Marnie gets on a treadmill to find out how efficient she really is. With contributors from Herman Pontzer, Duke University, Rhona Pearce, Loughborough University and Christian Gammelgaard Olesen from Wolturnus wheelchair manufacturing company.

Presenter: Marnie Chesterton  
Producer: Caroline Steel

Image credit: Getty Images

**MON 10:00 BBC News (w172ykq34br09b)**  
The latest five minute news bulletin from BBC World Service.

**MON 10:06 The Cultural Frontline (w3ct37rh)**  
[Repeat of broadcast at 23:32 on Saturday]

**MON 10:30 BBC News Summary (w172ykqxl2bq3kq)**  
The latest two minute news summary from BBC World Service.

**MON 10:32 Dear Daughter (w3ct42g1)**  
[Repeat of broadcast at 05:32 on Saturday]

**MON 10:50 More or Less (w3ct3k4q)**  
[Repeat of broadcast at 05:50 on Saturday]

**MON 11:00 BBC News (w172ykq34br0w1g)**  
The latest five minute news bulletin from BBC World Service.

**MON 11:06 The Newsroom (w172y17qjr306nv)**  
The world's Newsroom brings you global events as they happen

**MON 11:30 BBC News Summary (w172ykqxl2bq79v)**  
The latest two minute news summary from BBC World Service.

**MON 11:32 The Conversation (w3ct37ly)**  
[Repeat of broadcast at 04:32 today]

**MON 12:00 BBC News (w172ykq34br0zsl)**  
The latest five minute news bulletin from BBC World Service.

**MON 12:06 Outlook (w3ct34nb)**  
A spy in the family

Peter Keup's family was shaped by the division of West and East Germany after the Second World War. He grew up in the East, cut off from relatives across the border. But when Peter's parents applied for a visa to move West, they were condemned as traitors - he was kicked out of high school and banned from his sports clubs. He found a new passion in ballroom dancing, but when the state tried to stop this too he made the dangerous decision to escape East Germany illegally. He was caught and put in solitary confinement. It was only decades later that he discovered a betrayal at the heart of his family. This interview was first broadcast in November 2020.

Get in touch: outlook@bbc.com

Presenter: Emily Webb  
Producer: Rebecca Vincent

(Photo: Peter Keup (right) and his brother as children. Credit: Courtesy of Peter Keup)

**MON 12:50 Witness History (w3ct3byt)**

[Repeat of broadcast at 08:50 today]

**MON 13:00 BBC News (w172ykq34br13jq)**

The latest five minute news bulletin from BBC World Service.

**MON 13:06 The Newsroom (w172yl7qjr30g53)**

The world's Newsroom brings you global events as they happen

**MON 13:30 BBC News Summary (w172ykqxl2bqg3)**

The latest two minute news summary from BBC World Service.

**MON 13:32 CrowdScience (w3ct3j6y)**

[Repeat of broadcast at 09:32 today]

**MON 14:00 BBC News (w172ykq34br178v)**

The latest five minute news bulletin from BBC World Service.

**MON 14:06 Newshour (w172yfc07jj3s74)**

Russia threatens to encircle Severodonetsk in the east of Ukraine

Former President Poroshenko tells us that Ukraine needs more weapons from the West.

Also on the programme, fears increase that Dom Phillips and Bruno Pereira, the missing journalist and the expert on Brazil's indigenous people, are dead. And an ambitious project to map the Milky Way, the Gaia project, has released its latest findings. We hear from the European Space Agency.

(Photo: Severodonetsk and its twin city Lysychansk. Credit: Reuters)

**MON 15:00 BBC News (w172ykq34br1c0z)**

The latest five minute news bulletin from BBC World Service.

**MON 15:06 HARDtalk (w3ct32lg)**

[Repeat of broadcast at 08:06 today]

**MON 15:30 BBC News Summary (w172ykqxl2bqq9c)**

The latest two minute news summary from BBC World Service.

**MON 15:32 World Business Report (w172yk4m6dx07gg)**

Covid restrictions return to Beijing

Beijing has reinstated some coronavirus restrictions following an outbreak of Covid-19 in China's capital. It comes little more than a week after some curbs, including those on indoor dining, were eased. We look at the economic impact of China's 'zero Covid' policy in Beijing itself, in the country as a whole and on a global scale.

Elsewhere, the Africa CEO Forum gets underway in Abidjan on the Ivory Coast. Around 2,000 business leaders, investors and policy makers from all over Africa gather to discuss ways that the private sector can help further develop the continent.

We also hear from India, where bidding has begun for broadcasting rights to the highly lucrative Indian Premier League cricket competition.

(Image: woman looking through window with mask, Beijing. Credit: Getty Images)

**MON 16:00 BBC News (w172ykq34br1gs3)**

The latest five minute news bulletin from BBC World Service.

**MON 16:06 BBC OS (w172yg110v2gw45)**

Amnesty accuses Russia of war crimes in the city of Kharkiv

As the battle in the key eastern city of Severodonetsk continues, we hear details of a new report saying that hundreds of civilians have been killed in the Ukrainian city of Kharkiv by Russian shelling using banned cluster munition and inaccurate rockets. We hear first-hand stories by those who survived or witnessed the shelling.

A writer of an Australian newspaper has offered an apology after being accused of outing actress Rebel Wilson. The reporter has been accused of "forcing" the actor to come out by giving her two days' notice before reporting the story. We speak to our reporter about the criticism the Sydney Morning Herald is facing and hear experiences of those who say they were pressured to come out.

We continue to focus on the growing insecurity in Nigeria

following another attack over the weekend, this time in the state of Zamfara where gunmen abducted at least 29 people who were travelling back from a wedding ceremony. We speak to young Nigerians about their hope and fears, and reflect on a new survey suggesting that two thirds of young African people are not optimistic about their personal futures.

A cluster of Covid infections in the Chinese capital are sourced to a single bar. Our China media analyst explains the mass testing and the restrictions being imposed in Beijing's well-known entertainment area.

(Photo: Severodonetsk amid intense fighting between Russian and Ukrainian forces 9.6.22 Credit: Getty Images)

**MON 17:00 BBC News (w172ykq34br1lj7)**

The latest five minute news bulletin from BBC World Service.

**MON 17:06 BBC OS (w172yg110v2gzw9)**

Insecurity in Nigeria

We focus on the growing insecurity in Nigeria following another attack over the weekend, this time in the state of Zamfara where gunmen abducted at least 29 people who were travelling back from a wedding ceremony. We speak to young Nigerians about their hopes and fears, and reflect on a new survey suggesting that two thirds of young African people are not optimistic about their personal futures.

The Court of Appeal in the UK is set to decide today whether the government can go ahead and fly asylum seekers to Rwanda. The first flight is due to leave tomorrow. We hear more from our reporter following the case.

As the battle in eastern Ukraine continues, we talk about a new report saying that hundreds of civilians have been killed in the city of Kharkiv by Russian shelling, using banned cluster munition and inaccurate rockets. We hear first-hand stories by those who survived or witnessed the shelling.

A writer of an Australian newspaper has offered an apology after being accused of outing actress Rebel Wilson. The reporter has been accused of "forcing" the actor to come out by giving her two days' notice before reporting the story. We speak to our reporter about the criticism the Sydney Morning Herald is facing and hear experiences of those who say they were pressured to come out.

(Photo: Jafar Kanoma (pictured) attended a wedding in the state of Zamfara on the weekend and ran to escape kidnappers. Credit: Jafar Kanoma)

**MON 18:00 BBC News (w172ykq34br1q8c)**

The latest five minute news bulletin from BBC World Service.

**MON 18:06 Outlook (w3ct34nb)**

[Repeat of broadcast at 12:06 today]

**MON 18:50 Witness History (w3ct3byt)**

[Repeat of broadcast at 08:50 today]

**MON 19:00 BBC News (w172ykq34br1v0h)**

The latest five minute news bulletin from BBC World Service.

**MON 19:06 The Newsroom (w172yl7qjr315mw)**

The world's Newsroom brings you global events as they happen

**MON 19:30 BBC News Summary (w172ykqxl2br68w)**

The latest two minute news summary from BBC World Service.

**MON 19:32 Sport Today (w172yfgl4jbbzd)**

2022/06/13 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

**MON 20:00 BBC News (w172ykq34br1yrm)**

The latest five minute news bulletin from BBC World Service.

**MON 20:06 The Climate Question (w3ct3kjo)**

[Repeat of broadcast at 02:32 today]

**MON 20:30 BBC News Summary (w172ykqxl2brb10)**

The latest two minute news summary from BBC World Service.

**MON 20:32 Discovery (w3ct43bh)**

The Life Scientific: Pete Smith

Pete Smith is very down to earth. Not least because he's interested in soil and the vital role it plays in helping us to feed the world, mitigate climate change and maintain a rich diversity of species on planet earth. He was born in a pub and failed the 11+ exam (designed to identify bright children just like him) but he became a distinguished professor nonetheless. Tackling climate change in isolation is a mistake, he says. We need to consider all the challenges facing humanity and identify strategies that deliver benefits on all fronts: food security, biodiversity and human development goals. He tells Jim Al-Khalili about his life and work and the urgent need for our degraded peat bogs to be restored. Peat bogs that have been drained (for grazing or to plant trees) add to our carbon emissions. Healthy peat bogs, however, are carbon sinks. Producer: Anna Buckley

**MON 21:00 BBC News (w172ykq34br22hr)**

The latest five minute news bulletin from BBC World Service.

**MON 21:06 Newshour (w172yfc07jj4mg1)**

UK to ditch part of Brexit deal with EU

The British government has insisted that its plans to change the post-Brexit arrangements for Northern Ireland unilaterally are within international law.

Also in the programme: the January 6th hearings in the US continue; and the Milky Way mapped.

(Picture: A "no entry" sign is seen near the Stormont Parliament Buildings on the day Britain is expected to publish a bill to unilaterally scrap some of the rules governing post-Brexit trade with Northern Ireland. Credit: REUTERS/Clodagh Kilcoyne)

**MON 22:00 BBC News (w172ykq34br267w)**

The latest five minute news bulletin from BBC World Service.

**MON 22:06 HARDtalk (w3ct32lg)**

[Repeat of broadcast at 08:06 today]

**MON 22:30 BBC News Summary (w172ykqxl2brkj8)**

The latest two minute news summary from BBC World Service.

**MON 22:32 The Conversation (w3ct37ly)**

[Repeat of broadcast at 04:32 today]

**MON 23:00 BBC News (w172ykq34br2b00)**

The latest five minute news bulletin from BBC World Service.

**MON 23:06 The Newsroom (w172yrwvp8fsb11)**

The world's Newsroom brings you global events as they happen

**MON 23:20 Sports News (w172ygh3glqqf19)**

BBC Sport brings you all the latest stories and results from around the world.

**MON 23:30 BBC News Summary (w172ykqxl2brp8d)**

The latest two minute news summary from BBC World Service.

**MON 23:32 World Business Report (w172yk5fn4hqhvs)**

Britain and Europe row over Northern Ireland

The UK has denied breaching international law over changes to its Brexit deal with the EU. The changes are all about transporting goods to and from Northern Ireland. We'll hear what this could mean for business from Elvire Fabry, a trade expert from the Jaques Delours Institute. Famine is again looming over parts of Africa due to the war in Ukraine, according to a UNICEF director. We'll also hear about a potential multi-billion dollar deal to broadcast India's cricket league worldwide. (Picture: Lorries are driven off a ferry arriving at Larne, Northern Ireland; Credit: Paul Faith/Getty Images).

**TUESDAY 14 JUNE 2022****TUE 00:00 BBC News (w172ykq34br2fr4)**

The latest five minute news bulletin from BBC World Service.

**TUE 00:06 The History Hour (w3ct3918)**

[Repeat of broadcast at 20:06 on Sunday]

**TUE 01:00 BBC News (w172ykq34br2kh8)**

The latest five minute news bulletin from BBC World Service.

**TUE 01:06 Business Matters (w172ydpdmfd3kw5)**

Famine looms in Ukraine's shadow

There are warnings people could starve across the globe due to food shortages caused by the war in Ukraine. The World Trade Organisation is seeking solutions to the crisis - we'll hear from UNICEF's Ramia Dagesh along with University of Maryland economist Peter Morici, and Sushma Ramachandran, a Delhi-based independent journalist. Our live guests will also discuss turbulence in the Asian markets and a potentially lucrative deal in cricket's Indian Premier League.

Also on Business Matters, India's biggest sporting league - the IPL - is on the verge of a multi-billion dollar deal over broadcasting rights. We'll hear from sports journalist Saurabh Somani and the self-styled 'image guru' Dilip Cherian about what it will mean.

Have robots finally overcome their one big challenge - becoming human? Or is it still in the realms of sci-fi fantasy? We speak to Dr Radhika Dirks, the head of US firm Ribo AI, about why Google's latest showpiece may not be a harbinger of the future. (Picture: A Ukrainian serviceman surveys the grain in a field in Donetsk. Credit: Anatolii Stepanov).

**TUE 02:00 BBC News (w172ykq34br2p7d)**

The latest five minute news bulletin from BBC World Service.

**TUE 02:06 The Newsroom (w172y17qjr320vs)**

The world's Newsroom brings you global events as they happen

**TUE 02:30 BBC News Summary (w172ykq12bs1hs)**

The latest two minute news summary from BBC World Service.

**TUE 02:32 The Documentary (w3ct421l)**

The night Ukraine gave up its nuclear weapons

It was a night of intense negotiation which would change the world order as Ukraine gave up its nuclear weapons. Clive Myrie examines what was at stake in Budapest in 1994, how the deal was finally reached and how it went on to shape the world we face today.

Three decades ago, the newly independent country of Ukraine was briefly the third-biggest nuclear power on the planet. Thousands of nuclear arms had been left on Ukrainian soil after the collapse of the Soviet Union. But in the years that followed, Ukraine made the decision to denuclearise.

As Ukraine fights for its continued independence and the world hopes to stave off a catastrophic acceleration of nuclear weapons activity, Clive finds out how that agreement was negotiated and interpreted – and what it says about the situation we find ourselves in today. He talks to negotiators and others with an interest in those important diplomatic discussions 28 years ago.

Producer: Ashley Byrne

A Made in Manchester production for BBC World Service

(Photo: L-R, Presidents Clinton (US), Yeltsin (Russia) and Kravchuk (Ukraine) join hands 14 January 1994 after signing the nuclear disarmament agreement in the Kremlin. Credit: Sergei Guneyev/Getty Images)

**TUE 03:00 BBC News (w172ykq34br2szj)**

The latest five minute news bulletin from BBC World Service.

**TUE 03:06 Outlook (w3ct34nb)**

[Repeat of broadcast at 12:06 on Monday]

**TUE 03:50 Witness History (w3ct3byt)**

[Repeat of broadcast at 08:50 on Monday]

**TUE 04:00 BBC News (w172ykq34br2xqn)**

The latest five minute news bulletin from BBC World Service.

**TUE 04:06 The Newsroom (w172y17qjr328c1)**

The world's Newsroom brings you global events as they happen

**TUE 04:30 BBC News Summary (w172ykq12bs901)**

The latest two minute news summary from BBC World Service.

**TUE 04:32 In the Studio (w3ct3jj0)****An Anthology of Fashion**

The Met Gala is an annual fundraiser for The Metropolitan Museum of Art's Costume Institute in New York City. Each year it marks the opening of The Costume Institute's spring exhibition and is widely regarded as one of the most exclusive social events in the world. This year's theme is In America: An Anthology of Fashion, the second in the two-part exhibition. The exhibition follows In America: A Lexicon of Fashion, which opened last year and remains on view with part two.

This year the focus is on American fashion and Andrew Bolton, The Costume Institute's head curator, his team and curators from The Met's American Wing. They are working with film directors to create different cinematic scenes, installed as still vignettes across 13 period rooms. Each room depicts a different period of history in the world of American fashion. The nine film directors involved include Sofia Coppola, Martin Scorsese and last year's Oscar winner Chloé Zhao.

Reporter Kizzy Cox has behind-the-scenes access shadowing the team, as they create the exhibition, bringing Andrew Bolton's vision to life. She also chats to film director Chloé Zhao about how she goes about creating the Shaker Retiring Room vignette.

Presenter: Kizzy Cox

Producer: Emma Betteridge

**TUE 05:00 BBC News (w172ykq34br31gs)**

The latest five minute news bulletin from BBC World Service.

**TUE 05:06 Newsday (w172yf8jxbq3p46)**

UK begins deporting asylum seekers to Rwanda

The UK has been developing a new policy for dealing with people who enter the country illegally, those arriving outside of official asylum channels are now being deported to Rwanda. The first group are due to leave for Kigali today.

We've got a report from the Ukrainian city of Lysshansk, where the intense battle is reaching a crucial point.

Also in the programme, there have been large falls on stock markets as investors worry about the scale of rising prices.

**TUE 06:00 BBC News (w172ykq34br356x)**

The latest five minute news bulletin from BBC World Service.

**TUE 06:06 Newsday (w172yf8jxbq3swb)**

First flight is scheduled to deport migrants and refugees to Rwanda today

Today the UK is due to put into practice its much criticised new immigration policy. People arriving in the UK illegally now face being deported to Rwanda. We'll hear from one of the controversial plan's supporters.

Uncertainty still surrounds the fate of the journalist Dom Phillips and activist Bruno Pereira who are missing in Brazil's Amazon region. We have a report on the communities that the two were working to help.

And in science, we hear how a space telescope has detected starquakes, which are shock waves that ripple across the galaxy.

**TUE 07:00 BBC News (w172ykq34br38z1)**

The latest five minute news bulletin from BBC World Service.

**TUE 07:06 Newsday (w172yf8jxbq3xmg)**

Ukraine: Battle for the Donbas region hangs in the balance

The battle for the Donbas region of Ukraine hangs in the balance with Ukrainian forces desperate for more heavy weapons to combat the artillery deluge being launched by Russia. We'll hear from our correspondent on the front line.

The UK's controversial plans for deporting immigrants to Rwanda comes into operation today. We'll hear from a former border director.

Also in the programme, Former US President Donald Trump has blasted the congressional inquiry into the Capitol riot as a 'Kangaroo Court'.

**TUE 08:00 BBC News (w172ykq34br3dq5)**

The latest five minute news bulletin from BBC World Service.

**TUE 08:06 People Fixing The World (w3ct3j2g)**

Racing to get kids reading

How a race to write books and a gadget that counts words are helping child literacy.

In South Africa eight out of 10 children struggle to read by the age of 10. But a charity called Book Dash has come up with an innovative way of getting more kids to read. It holds events where teams of writers and illustrators create a book in just 12 hours. More than a hundred titles have been created and over 2 million books have been given away to children.

And in the US a group called Birmingham Talks is giving pre-school children a pedometer-style gadget to wear. But instead of counting steps, the gadget counts the number of words they hear every day. The idea is to encourage parents to talk to their children more and therefore improve language development.

Presenter: Myra Anubi

Reporter: Lucy Burns

Photo: Book Dash

**TUE 08:30 BBC News Summary (w172ykq12bsrzk)**

The latest two minute news summary from BBC World Service.

**TUE 08:32 Business Daily (w3ct3169)**

Communities bringing down energy bills

Meet the community groups trying to make energy more accessible and affordable.

Laura Heighton-Ginns visits a fuel poverty workshop in the UK and hears about the devastating effects of not being able to afford food and why it's so important to have a secure energy supply.

Laura hears from Soren Hermansen - the Director of the Energy Academy on the island of Samsø in Denmark. Samsø controls its own energy supply and advises other communities on how they can do the same.

And we find out about a project in Tanzania run by Janet Maro. Janet's project powers a centre for training farmers using experimental technology to harness the energy from the sun and collect rain water.

Presenter / Producer: Laura Heighton-Ginns

Image: Janet Maro and her team; Credit: Janet Maro

**TUE 08:50 Witness History (w3ct3c3b)**

Vietnam's 'Napalm Girl'

It's 50 years since Kim Phuc's village in Vietnam was bombed with napalm. The photograph of her, running burned and crying away from the attack, became one of the iconic images of the Vietnam War. Christopher Wain was one of the journalists who witnessed the attack, and who helped save her. This programme brings Kim Phuc and Christopher Wain together in conversation. It is a Made in Manchester production.

Photo: Vietnamese-Canadian Phan Thi Kim Phuc delivers her speech before her June 8, 1972 Pulitzer-Prize-winning photograph during the Vietnam war, during a lecture meeting in Nagoya, Aichi prefecture on April 13, 2013. Credit: AFP/Getty Images.

**TUE 09:00 BBC News (w172ykq34br3jg9)**

The latest five minute news bulletin from BBC World Service.

**TUE 09:06 The Documentary (w3ct421l)**

[Repeat of broadcast at 02:32 today]

**TUE 09:30 BBC News Summary (w172ykq12bswqp)**

The latest two minute news summary from BBC World Service.

**TUE 09:32 Discovery (w3ct43bh)**

[Repeat of broadcast at 20:32 on Monday]

**TUE 10:00 BBC News (w172ykq34br3n6f)**

The latest five minute news bulletin from BBC World Service.

**TUE 10:06 The Arts Hour (w3ct3906)**

[Repeat of broadcast at 20:06 on Saturday]

**TUE 11:00 BBC News (w172ykq34br3ryk)**

The latest five minute news bulletin from BBC World Service.

**TUE 11:06 The Newsroom (w172y17qjr333ky)**

The world's Newsroom brings you global events as they happen

**TUE 11:30 BBC News Summary (w172ykqxl2bt46y)**

The latest two minute news summary from BBC World Service.

**TUE 11:32 In the Studio (w3ct3jj0)**

[Repeat of broadcast at 04:32 today]

**TUE 12:00 BBC News (w172ykq34br3wpp)**

The latest five minute news bulletin from BBC World Service.

**TUE 12:06 Outlook (w3ct352w)**

Abandoned at birth: 50 years searching for our families

When he was just a baby, David McBride made headline news in Northern Ireland. He had been discovered in the front seat of a stranger's car, with no trace of who had left him there or why. David was a foundling. As an adult, he was desperate to find his birth mother and his search would lead him to Helen Ward. She was on a similar quest with a story as astonishing as David's. Helen had also been abandoned as a baby, found in a phone box by a truck driver. They were born years apart and discovered in different countries but unusual details – like the fact they were both found in tartan bags – connected their stories. Decades of searching for answers would reveal an extraordinary secret.

Presenter: Andrea Kennedy

Producer: Maryam Maruf

Get in touch: outlook@bbc.com

(Photo: David McBride and Helen Ward. Credit: Courtesy of Helen Ward)

**TUE 12:50 Witness History (w3ct3c3b)**

[Repeat of broadcast at 08:50 today]

**TUE 13:00 BBC News (w172ykq34br40ft)**

The latest five minute news bulletin from BBC World Service.

**TUE 13:06 The Newsroom (w172y17qjr33c26)**

The world's Newsroom brings you global events as they happen

**TUE 13:30 BBC News Summary (w172ykqxl2btq6)**

The latest two minute news summary from BBC World Service.

**TUE 13:32 Discovery (w3ct43bh)**

[Repeat of broadcast at 20:32 on Monday]

**TUE 14:00 BBC News (w172ykq34br445y)**

The latest five minute news bulletin from BBC World Service.

**TUE 14:06 Newshour (w172yfc07jj6p47)**

The battles for key cities in Eastern Ukraine reach a critical phase

As Russia tightens its grip on parts of Eastern Ukraine - we have a special report on the civilians forced to escape. Also on the programme, the UK Supreme Court has ruled that a plane carrying asylum-seekers, who crossed the English channel illegally, can fly to Rwanda, as planned, today. And, a new report has found that someone living in the world's most polluted city - Delhi - can have their life expectancy shortened by up to ten years

(Photo: Smoke rises after a military strike on a compound of Sievierodonetsk's Azot Chemical Plant. 10/06/2022 Reuters)

**TUE 15:00 BBC News (w172ykq34br47y2)**

The latest five minute news bulletin from BBC World Service.

**TUE 15:06 People Fixing The World (w3ct3j2g)**

[Repeat of broadcast at 08:06 today]

**TUE 15:30 BBC News Summary (w172ykqxl2btm6g)**

The latest two minute news summary from BBC World Service.

**TUE 15:32 World Business Report (w172yk7wzb9vc2q)**

Shorter working week for crisis-hit Sri Lanka

Sri Lanka has approved a four-day week for public sector workers as it struggles to deal with a chronic fuel shortage. The workers impacted will also be encouraged to grow their own food. We hear from a young Sri Lankan about his experiences in the crisis-hit country.

Indian Prime Minister Narendra Modi announces an ambitious

civil service recruitment drive, aimed at employing one million people.

We also discuss the future of vaccine manufacturing in Africa, with the head of a major South African pharmaceutical company.

(Image: fuel lines continue in Colombo amid the country's economic crisis in Colombo. Credit: Reuters)

**TUE 16:00 BBC News (w172ykq34br4cp6)**

The latest five minute news bulletin from BBC World Service.

**TUE 16:06 BBC OS (w172yg110v2ks18)**

UK migrant flights to Rwanda

The British government insists the first flight removing asylum seekers from the UK to Rwanda will take off in the coming hours, no matter how few of them are on board. After legal challenges, only a handful are expected to go. The policy has been condemned by many but the government argues that it will act as a deterrent to people traffickers.

Authorities in China's Henan province are suspected to be restricting some residents' movements using a Covid app. The public suspects Covid rules are used to suppress dissent.

As we continue to hear about Ukrainians who have lost their lives in the war, we bring you a story of one woman whose husband and a 12 year old daughter were killed when the family was trying to flee fighting.

The BBC's Crossing Divides season brings together people to encourage them to discuss with people they disagree with on big issues. We learn how "deep listening" helps people to find common ground.

(Photo: A plane reported by British media to be first to transport migrants to Rwanda is seen on the tarmac at MOD Boscombe Down base in Wiltshire, Britain, June 14, 2022. Credit: Hannah McKay/Reuters)

**TUE 17:00 BBC News (w172ykq34br4hfb)**

The latest five minute news bulletin from BBC World Service.

**TUE 17:06 BBC OS (w172yg110v2kwsd)**

Delhi air quality

Delhi is the world's most polluted city, and polluted air kills millions of people in India every year. A new study has found that air pollution in the city can shorten lives by almost 10 years, and the average Indian life expectancy is shortened by five years at current air quality levels. We hear from people in the capital about how the pollution affects them.

The British government insists the first flight removing asylum seekers from the UK to Rwanda will take off in the coming hours, no matter how few of them are on board. After legal challenges, only a handful are expected to go. The policy has been condemned by many but the government argues that it will act as a deterrent to people traffickers. We hear views from Rwanda and the UK.

As we continue to hear about Ukrainians who have lost their lives in the war, we bring you a story of one woman whose husband and a 12 year old daughter were killed when the family was trying to flee fighting.

The pop star Lizzo has changed the lyrics to her latest song after fans complained it used slur that's derogatory towards disabled people.

(Photo: 2An aerial view of the city engulfed in heavy smog in New Delhi, India, 12 November 2021. Delhi recorded an Air Quality Index (AQI) of 471 and over thirty monitoring stations in Indian capital recorded air pollution levels in the severe category. Credit: RAJAT GUPTA/EPA)

**TUE 18:00 BBC News (w172ykq34br4m5g)**

The latest five minute news bulletin from BBC World Service.

**TUE 18:06 Outlook (w3ct352w)**

[Repeat of broadcast at 12:06 today]

**TUE 18:50 Witness History (w3ct3c3b)**

[Repeat of broadcast at 08:50 today]

**TUE 19:00 BBC News (w172ykq34br4qxl)**

The latest five minute news bulletin from BBC World Service.

**TUE 19:06 The Newsroom (w172y17qjr342jz)**

The world's Newsroom brings you global events as they happen

**TUE 19:30 BBC News Summary (w172ykqxl2bv35z)**

The latest two minute news summary from BBC World Service.

**TUE 19:32 Sport Today (w172yggf4j7wh)**

2022/06/14 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

**TUE 20:00 BBC News (w172ykq34br4vng)**

The latest five minute news bulletin from BBC World Service.

**TUE 20:06 The Documentary (w3ct421)**

[Repeat of broadcast at 02:32 today]

**TUE 20:30 BBC News Summary (w172ykqxl2bv6y3)**

The latest two minute news summary from BBC World Service.

**TUE 20:32 Digital Planet (w3ct31yg)**

Archiving music in glass

'Project Silica' uses ultrafast laser optics and machine learning to utilise glass as a storage device. The fused silica glass is fully resilient to electromagnetic pulses (EMP) and to the most challenging environmental conditions, ensuring the data written into it is not degraded. In this proof of concept for the Global Music Vault in Svalbard, this glass platter will have a selection of some of the most important music data and files on it. Gareth talks to Ant Rowstron, who has been working on the technology at Microsoft, and Beatie Wolfe, a musician whose music has been included in the data storage proof of concept.

Data-driven city planning  
Barcelona is developing a digital twin of its city to aid with city management decisions. The city is currently at the initial stage of the project, designed to produce simulations of different planning scenarios to create more data-driven decisions. Gareth chats to Deputy Mayor of Barcelona Laia Bonet and Patricio Reyes, a researcher at the Barcelona Supercomputing Centre, about the potential uses of simulations and how digital twins could improve city planning in the future.

The programme is presented by Gareth Mitchell with expert commentary from Ghislaine Boddington.

Studio Manager: Steve Greenwood

Producer: Hannah Fisher

Photo: Music stored in fused silica glass

Credit: Global Music Vault

**TUE 21:00 BBC News (w172ykq34br4zdv)**

The latest five minute news bulletin from BBC World Service.

**TUE 21:06 Newshour (w172yfc07jj7jc4)**

The battle for Lysychansk

Ukraine still holds Lysychansk. Severodonetsk's twin city on higher ground on the western bank of the river.

Also in the programme: Biden confirms Middle East visit; and Hong Kong's Jumbo Floating Restaurant closes.

(Picture: An unexploded shell from a multiple rocket launch system is seen stuck in the ground, as Russia's attack on Ukraine continues, in the town of Lysychansk, Luhansk region. Credit: REUTERS/Oleksandr Ratushniak)

**TUE 22:00 BBC News (w172ykq34br534z)**

The latest five minute news bulletin from BBC World Service.

**TUE 22:06 People Fixing The World (w3ct3j2g)**

[Repeat of broadcast at 08:06 today]

**TUE 22:30 BBC News Summary (w172ykqxl2bvqfc)**

The latest two minute news summary from BBC World Service.

**TUE 22:32 In the Studio (w3ct3jj0)**

[Repeat of broadcast at 04:32 today]

**TUE 23:00 BBC News (w172ykq34br56x3)**

The latest five minute news bulletin from BBC World Service.

**TUE 23:06 The Newsroom (w172yrwvp8fw6yp)**

The world's Newsroom brings you global events as they happen

**TUE 23:20 Sports News (w172ygh3glqt9yd)**

BBC Sport brings you all the latest stories and results from around the world.

**TUE 23:30 BBC News Summary (w172ykql2bvl5h)**

The latest two minute news summary from BBC World Service.

**TUE 23:32 World Business Report (w172yk8qf1xkmh1)**

A four day working week in Sri Lanka

Sri Lanka is experiencing severe inflation, along with food and fuel shortages. Now around a million workers have been told to work four days a week instead of five. But will it work? Officials say an extra day each weekend will save citizens money, and allow them to grow food in their gardens. But some economists fear it could spark further unrest in the country - and do little to remedy economic woes. It's been another rough day in US and European markets. Global supply chain issues have affected supplies of tampons in the US. We'll also hear why Pixar's latest film has caused controversy in the Middle East. (Picture: Sri Lankans queue up for petrol amid shortages of fuel; Credit: Getty Images).

**WEDNESDAY 15 JUNE 2022**

**WED 00:00 BBC News (w172ykq34br5bn7)**

The latest five minute news bulletin from BBC World Service.

**WED 00:06 The Arts Hour (w3ct3906)**

[Repeat of broadcast at 20:06 on Saturday]

**WED 01:00 BBC News (w172ykq34br5gdc)**

The latest five minute news bulletin from BBC World Service.

**WED 01:06 Business Matters (w172ydpdmf6gs8)**

US gas explosion puts pressure on prices

We're talking all about the different crises gripping global energy markets in this programme. First, an incident at an LNG facility in Texas has caused uncertainty over global supplies, with futures prices plummeting. It could be months before the plant is back online. Europe - which is already dealing with reduced supplies from Russia - now faces a shortage. In Sri Lanka, the fuel crisis continues, as people are asked to work a four day week. With the whole world seemingly facing supply disruption, President Joe Biden has announced he'll visit Saudi Arabia. We'll also visit Denmark and Tanzania, where innovative solutions are being found to keep energy flowing. To discuss these issues, Sam Fenwick is joined by Marketplace's Andy Uhler in Texas, and Sharon Brett Kelly from the Detail podcast on Radio New Zealand. We'll also hear from the Sri Lankan political writer Asanga Abeyagoonasekera. Elsewhere in the programme, further fears about a decaying tanker in the Red Sea off Yemen. The UN's David Gressly tells us why it matters. Sticking with supply issues, women's sanitary products are getting harder to access in the US. We'll hear about that from Dana Cohen from California manufacturer Cora. (Picture: a gas terminal burns in Poland; Credit: Getty Images).

**WED 02:00 BBC News (w172ykq34br5l4h)**

The latest five minute news bulletin from BBC World Service.

**WED 02:06 The Newsroom (w172yl7qjr34xrw)**

The world's Newsroom brings you global events as they happen

**WED 02:30 BBC News Summary (w172ykql2bvydw)**

The latest two minute news summary from BBC World Service.

**WED 02:32 The Compass (w3ct42lk)**

Himalaya: The Human Story

Life on the line

Ladakh is a region at the centre of the 50-year-long border dispute between India and China, which flared up again in June 2020. Journalist and broadcaster Ed Douglas speaks to local village leaders whose communities are struggling to preserve their lives and livelihoods amidst perpetual military unrest. He also speaks to former politicians and political experts about the consequences of what happens here for the wider geopolitical stability of Asia's two biggest countries, and those caught in

between.

(Photo: Himalaya monks. Credit: Dinesh Deokota)

**WED 03:00 BBC News (w172ykq34br5pwm)**

The latest five minute news bulletin from BBC World Service.

**WED 03:06 Outlook (w3ct352w)**

[Repeat of broadcast at 12:06 on Tuesday]

**WED 03:50 Witness History (w3ct3c3b)**

[Repeat of broadcast at 08:50 on Tuesday]

**WED 04:00 BBC News (w172ykq34br5tmr)**

The latest five minute news bulletin from BBC World Service.

**WED 04:06 The Newsroom (w172yl7qjr35584)**

The world's Newsroom brings you global events as they happen

**WED 04:30 BBC News Summary (w172ykql2bw5x4)**

The latest two minute news summary from BBC World Service.

**WED 04:32 The Documentary (w3ct42bw)**

Keeping going

In Melbourne, Jaswinder describes the epic road trip he made with his fellow members of Sikh Volunteers Australia, to bring healthy food to the victims of severe flooding more than 1000km from their base.

Karma is a tour guide through the majestic mountains of Bhutan where he leads treks lasting up to 27 days - but health issues are placing Karma's business in jeopardy.

Nearly two years on from the explosion which devastated the city of Beirut, Lebanon is enveloped in an acute economic crisis and Paloma's mum has been telling her to leave.

Using social media, Alan Dein connects with people around the world, to hear stories of hope and support, whether in peaceful or unsettled times.

Producer: Conor Garrett

**WED 05:00 BBC News (w172ykq34br5ycw)**

The latest five minute news bulletin from BBC World Service.

**WED 05:06 Newsday (w172yf8jxbq6l19)**

Russian army promises safe route out of Severodonetsk

The Russian army in Ukraine has promised to open a safe route out of the besieged city of Severodonetsk. It's the first such attempt there, humanitarian corridors in other areas have often failed. Russia's Defence Ministry said convoys of people would be taken north to occupied territories. This is the only way out, now that Russian forces have destroyed all three bridges to the Ukrainian-controlled part of the Donbas region.

As the US Supreme Court prepares to repeal a key decision that grants women a constitutional right to abortion, we take a look at how it will change women's lives in one of the country's poorest states.

And as the financial crisis in Sri Lanka continues, will a four-day work week for public sector workers make a difference?

**WED 06:00 BBC News (w172ykq34br6240)**

The latest five minute news bulletin from BBC World Service.

**WED 06:06 Newsday (w172yf8jxbq6psf)**

Russian forces in the city of Severodonetsk say they have opened a humanitarian corridor

Russian forces in the Ukrainian city of Severodonetsk say that have opened a humanitarian corridor out of the besieged city. For many the situation in Severodonetsk echoes the siege of Mariupol and the humanitarian situation that developed there. We'll hear about the trauma suffered by those who were trapped but managed to escape that earlier battle.

Also in the programme, British prime minister Boris Johnson has three key policy challenges on his desk. Can his government navigate through the Rwandan deportation controversy, a Brexit row with Europe, and to top it all renewed Scottish calls for independence?

And, we'll hear more about how the Central Africa Republic will adopt bitcoin as a legal currency.

**WED 07:00 BBC News (w172ykq34br65w4)**

The latest five minute news bulletin from BBC World Service.

**WED 07:06 Newsday (w172yf8jxbq6ljk)**

Russian forces say 12 hour window will allow citizens to leave Severodonetsk

If the Russian forces have stayed true to their word, citizens of Severodonetsk will be being evacuated away from their city. The occupying forces say that there will be a 12 hour window during which they will be taken to Russian occupied territory.

Also in Ukraine, we'll hear from the Ukrainian grandmother who became the unwitting hero for Russian war propaganda.

In Mexico, the lynching of a political aid has again focused attention on the widespread violence affecting the country.

**WED 08:00 BBC News (w172ykq34br69m8)**

The latest five minute news bulletin from BBC World Service.

**WED 08:06 HARDtalk (w3ct32qz)**

Nicu Popescu: How can Moldova protect itself?

Stephen Sackur speaks to Nicu Popescu, Moldova's foreign minister and deputy Prime Minister. Poor, beset with corruption and strategically vulnerable, Moldova has reasons to fear that Russia's invasion of neighbouring Ukraine could end on its soil. How does Moldova best protect itself?

**WED 08:30 BBC News Summary (w172ykql2bwnwn)**

The latest two minute news summary from BBC World Service.

**WED 08:32 Business Daily (w3ct31bt)**

The adaptive fashion revolution

Adaptive fashion, or stylish clothes for people who have a disability have not always been widely available, especially for those who use a wheelchair. Recently though, a fashion revolution has begun.

We hear from the women pushing the industry to change. British Somali Faduma Farah launched a fellowship for designers to come up with an inclusive collection that would be modelled at London Fashion Week. We speak to Faduma and the winning designer Harriet Eccleston, as well as stylist and influencer Heide Herkes who was one of the models featured on the runway during the show - the first ever to include wheelchair users. Plus, Maria O'Sullivan-Abeyratne, CEO and founder of Adaptista, tells us about the inclusive online shopping platform she's building for the adaptive fashion market.

Presenter: Vivienne Nunis

Producer: Izzy Greenfield

Image: Faduma Farah, founder of the Faduma Fellowship;

Credit: BBC

**WED 08:50 Witness History (w3ct3c5l)**

New York's LGBT High School

In 1985, a unique High School opened in New York to provide a safe environment for LGBT students needing specialised education. The publicly-funded Harvey Milk High School was founded by former social worker, Steve Askinazy. Initially, it faced some opposition from the media and Christian groups, but the school eventually expanded and currently takes about 60 students a year. Alex Collins talks to Steve Askinazy.

PHOTO: A protest outside the Harvey Milk High School in 1985 (Getty Images)

**WED 09:00 BBC News (w172ykq34br6fcd)**

The latest five minute news bulletin from BBC World Service.

**WED 09:06 The Compass (w3ct42lk)**

[Repeat of broadcast at 02:32 today]

**WED 09:30 BBC News Summary (w172ykql2bwsms)**

The latest two minute news summary from BBC World Service.

**WED 09:32 Digital Planet (w3ct31yg)**

[Repeat of broadcast at 20:32 on Tuesday]

**WED 10:00 BBC News (w172ykq34br6k3j)**

The latest five minute news bulletin from BBC World Service.

**WED 10:06 The Documentary (w3ct42kt)**  
[Repeat of broadcast at 12:06 on Saturday]

**WED 11:00 BBC News (w172ykq34br6vnn)**  
The latest five minute news bulletin from BBC World Service.

**WED 11:06 The Newsroom (w172yl7qjr360h1)**  
The world's Newsroom brings you global events as they happen

**WED 11:30 BBC News Summary (w172ykqxl2bx141)**  
The latest two minute news summary from BBC World Service.

**WED 11:32 The Documentary (w3ct42bv)**  
[Repeat of broadcast at 04:32 today]

**WED 12:00 BBC News (w172ykq34br6sls)**  
The latest five minute news bulletin from BBC World Service.

**WED 12:06 Outlook (w3ct3y8g)**  
Delia Ephron: 'I fell into my own romantic comedy'

Writer Delia Ephron collaborated with her sister Nora on some of the 90s' best-loved romantic comedies: Sleepless in Seattle and You've Got Mail. So when Delia, now in her 70s, received an email from a man from the other side of the US, she felt as though she had landed in one of her own storylines. A magical romance ensued, but then things would go drastically off-script and she would need to call on love from all quarters to face down her life's toughest challenge yet.

She's published a book about her experience, it's called Left on Tenth: A second chance at life.

Love can blossom in the strangest of places. For scuba diver Hiroyuki Arakawa it unfolded beneath the waves off the coast of Tateyama, Japan when he became best friends with a fish called Yoriko. This report by Alessia Cerantola was first broadcast in 2017.

Presenter: Emily Webb  
Producer: Edgar Maddicott

Get in touch: outlook@bbc.com

(Photo: Delia Ephron. Credit: Billy Farrell/Patrick McMullan/Getty Images)

**WED 12:50 Witness History (w3ct3c5l)**  
[Repeat of broadcast at 08:50 today]

**WED 13:00 BBC News (w172ykq34br6sxb)**  
The latest five minute news bulletin from BBC World Service.

**WED 13:06 The Newsroom (w172yl7qjr367z9)**  
The world's Newsroom brings you global events as they happen

**WED 13:30 BBC News Summary (w172ykqxl2bx8m9)**  
The latest two minute news summary from BBC World Service.

**WED 13:32 Digital Planet (w3ct31yg)**  
[Repeat of broadcast at 20:32 on Tuesday]

**WED 14:00 BBC News (w172ykq34br7131)**  
The latest five minute news bulletin from BBC World Service.

**WED 14:06 Newshour (w172yfc07jj911b)**  
Hopes fade for civilians trapped in Severodonetsk

Will the proposed humanitarian corridor from the city of Severodonetsk be successful? And we are joined by The Dutch Minister of Defence, to discuss today's NATO meeting on Ukraine.

Also on the programme the European Commission is launching further legal proceedings against Britain, in response to the UK government's plans to unilaterally scrap elements of the Brexit agreement that dealt with Northern Ireland. And we hear about the newly discovered, supermassive black hole; which is eating up mass at the rate of one planet Earth every second.

(Picture: Refugees in Mariupol. Credit: EPA: Ilnitsky)

**WED 15:00 BBC News (w172ykq34br74v5)**  
The latest five minute news bulletin from BBC World Service.

**WED 15:06 HARDtalk (w3ct32qz)**  
[Repeat of broadcast at 08:06 today]

**WED 15:30 BBC News Summary (w172ykqxl2bxj3k)**  
The latest two minute news summary from BBC World Service.

**WED 15:32 World Business Report (w172yk9jvsj9vvd)**  
All eyes on the Fed

With inflation at its highest level for the past 40 years, the eyes of the global financial world are on the US Federal Reserve, whose Chairman Jerome Powell is expected to announce an interest rate rise to help tackle inflation. We hear from Randall Kroszner, former governor of the Fed. We also talk to senior market analyst at City Index Fiona Cincotta about the European Central Bank's latest emergency meeting and why a senior minister in Pakistan is advising people to reduce their tea consumption to help the economy. Spain has recorded the hottest June in 20 years with temperatures as high as 43°C. We speak to different businesses there about how they manage to operate in such a hot weather. Plus, K-pop idols BTS have decided to take a break to pursue solo projects. The best-selling artists of 2021 say it's time to 'mature' as individuals. We hear more from Choi Ji-Won, a K-pop reporter for the Korea Herald.

(Picture: Federal Reserve Board Chairman, Jerome Powell, in a conference in May 2022. Picture credit: EPA)

**WED 16:00 BBC News (w172ykq34br7819)**  
The latest five minute news bulletin from BBC World Service.

**WED 16:06 BBC OS (w172yg110v2nny)**  
Uncertainty over Severodonetsk evacuations

It's unclear if there have been evacuations after Russia pledged to open a "humanitarian corridor" from the Azot plant in Severodonetsk, where hundreds of civilians are reportedly sheltering alongside Ukrainian soldiers. A spokesperson for the UN Office for the Coordination of Humanitarian Affairs told the BBC that trapped people have stayed because they have "nowhere safe to go". We hear from someone whose father was killed in Severodonetsk in March.

Also, we explain why a planned flight to transport asylum seekers from the UK to Rwanda was cancelled last minute. We find out what happens next to the UK government's new policy.

We continue to reflect conversations about the human impact of insecurity in Nigeria. A father and his teenage daughter, who was abducted from her school in Nigeria's Kaduna state, tell us their story.

And we return to conversations from the BBC's Crossing Divides season, this time focusing on climate change. We hear a discussion between someone who thinks tackling climate change is down to governments and corporations and someone who thinks it's the responsibility of individuals.

(Photo: Ukrainian servicemen drive an APC on a damaged road near the front line in the city of Severodonetsk, Luhansk region. Credit: EPA/STR)

**WED 17:00 BBC News (w172ykq34br7dbf)**  
The latest five minute news bulletin from BBC World Service.

**WED 17:06 BBC OS (w172yg110v2nsp)**  
Kidnappings in Nigeria

We continue to reflect conversations about the human impact of insecurity in Nigeria. Kidnapping is a big issue, especially in the north of the country. A father and his teenage daughter, who was abducted from her school in Kaduna state, tell us their story.

In Ukraine, thousands of people are trapped in Severodonetsk with a diminishing supply of clean water, sanitation and electricity, according to spokesperson for the UN Humanitarian Affairs office, Saviano Abreu. Russia had pledged to open a humanitarian corridor in order to evacuate civilians from a chemical plant, but it doesn't seem to have happened. We hear from someone whose father was killed in Severodonetsk in March.

And we explain why a government minister in Pakistan has urged people to drink less tea to help the country's economy. What do the nation's tea drinkers think of his plea?

(Photo: Friday and Rejoice. Credit: Sani family)

**WED 18:00 BBC News (w172ykq34br7j2k)**  
The latest five minute news bulletin from BBC World Service.

**WED 18:06 Outlook (w3ct3y8g)**  
[Repeat of broadcast at 12:06 today]

**WED 18:50 Witness History (w3ct3c5l)**  
[Repeat of broadcast at 08:50 today]

**WED 19:00 BBC News (w172ykq34br7mtp)**  
The latest five minute news bulletin from BBC World Service.

**WED 19:06 The Newsroom (w172yl7qjr36zg2)**  
The world's Newsroom brings you global events as they happen

**WED 19:30 BBC News Summary (w172ykqxl2by032)**  
The latest two minute news summary from BBC World Service.

**WED 19:32 Sport Today (w172yfglg4jj4sl)**  
2022/06/15 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

**WED 20:00 BBC News (w172ykq34br7rkt)**  
The latest five minute news bulletin from BBC World Service.

**WED 20:06 The Compass (w3ct42lk)**  
[Repeat of broadcast at 02:32 today]

**WED 20:30 BBC News Summary (w172ykqxl2by3v6)**  
The latest two minute news summary from BBC World Service.

**WED 20:32 Health Check (w3ct32wh)**  
Next generation Covid vaccines

News about new next generation Covid vaccines that target specific variants is discussed with studio guest, Dr Ann Robinson. Professor Russell Foster talks to Claudia about the science of circadian rhythms and how taking more notice of our body clocks could help us live healthier lives. Plus anaesthetist Dr Niek Sperna Weiland explains why the inhaled gases used to put us to sleep during operations can be so damaging to the environment. And how our eyes are a window into the health of our hearts.

Presenter: Claudia Hammond  
Producer: Erika Wright

(Image: A healthcare worker prepares a dose of COVID-19 Vaccine. Image credit: Morsa Images / Getty Images)

**WED 21:00 BBC News (w172ykq34br7w9y)**  
The latest five minute news bulletin from BBC World Service.

**WED 21:06 Newshour (w172yfc07jjbf87)**  
EU slams UK Northern Ireland policy as 'illegal'

The EU launches legal action against the UK government over its plan to scrap parts of the post-Brexit trade deal for Northern Ireland.

Also in the programme: rebuilding shattered lives in Ukraine; and scientists establish the origins of the Black Death.

(Picture: An EU flag flies outside the UK parliament in London, Britain, 15 June 2022. Credit: EPA/ANDY RAIN)

**WED 22:00 BBC News (w172ykq34br8022)**  
The latest five minute news bulletin from BBC World Service.

**WED 22:06 HARDtalk (w3ct32qz)**  
[Repeat of broadcast at 08:06 today]

**WED 22:30 BBC News Summary (w172ykqxl2bycbg)**  
The latest two minute news summary from BBC World Service.

**WED 22:32 The Documentary (w3ct42bv)**  
[Repeat of broadcast at 04:32 today]

**WED 23:00 BBC News (w172ykq34br8316)**  
The latest five minute news bulletin from BBC World Service.

**WED 23:06 The Newsroom (w172yrwvp8fz3vs)**

The world's Newsroom brings you global events as they happen

**WED 23:20 Sports News (w172ygh3glqx6vh)**

BBC Sport brings you all the latest stories and results from around the world.

**WED 23:30 BBC News Summary (w172yqxl2byh2l)**

The latest two minute news summary from BBC World Service.

**WED 23:32 World Business Report (w172ykb9j4147q)**

Federal Reserve announces biggest interest rate hike in almost 30 years

The US central bank has announced its biggest interest rate rise in nearly 30 years – raising its headline rate to a range between 1.5% and 1.75%. President and CEO of Carver Federal Savings Bank, Michael Pugh joins us from Harlem, New York City. We also hear from a restaurant and bakery owner in the US.

China and Russia have agreed to deepen their strategic cooperation; Associate Professor in Global Communication at Georgia State University, Maria Repnikova tells us why Beijing is looking to strengthen its relationship with Russia.

Also on the programme, after 27 years, Microsoft is retiring Internet Explorer for good. Author of Retro Tech Peter Leigh tells us about its history and why it's coming to an end.

**THURSDAY 16 JUNE 2022**

**THU 00:00 BBC News (w172yqk34br87kb)**

The latest five minute news bulletin from BBC World Service.

**THU 00:06 The Documentary (w3ct42kt)**

[Repeat of broadcast at 12:06 on Saturday]

**THU 01:00 BBC News (w172yqk34br89g)**

The latest five minute news bulletin from BBC World Service.

**THU 01:06 Business Matters (w172ydpdmf9cpc)**

US makes biggest interest rate rise in almost 30 years

Vivienne Nunis is joined by Chief Executive Officer at Risk Cooperative Andres Franzetti and Member of the World Economic Forum's Expert Network, Yoko Ishikura.

The Federal Reserve said it would increase its key interest rate by three quarters of a percentage point to a range of 1.5% to 1.75%. We're joined by two business owners in Georgia and California to get their reaction to the announcement. We find out what it means for the global economy. Yoko Ishikura talks about the impact on Japan's economy. Vintage kimonos - once passed down through generations – are finding a new home at second-hand markets – Yoko tells us more.

Vladimir Putin and his Chinese counterpart, Xi Jinping, have agreed to deepen their strategic cooperation, in what's reported to be their second phone conversation since Russia's invasion of Ukraine. Chief Executive Officer at Risk Cooperative Andres Franzetti shares his thoughts on how Washington might view this. And, after 27 years, Microsoft is retiring Internet Explorer for good.

(Picture: Flags fly above the Federal Reserve building in Washington, DC, U.S., August 22, 2018. Picture Credit: REUTERS/Chris Wattie/File Photo)

**THU 02:00 BBC News (w172yqk34br8h1l)**

The latest five minute news bulletin from BBC World Service.

**THU 02:06 The Newsroom (w172y17qjr37tnz)**

The world's Newsroom brings you global events as they happen

**THU 02:30 BBC News Summary (w172yqxl2byv9z)**

The latest two minute news summary from BBC World Service.

**THU 02:32 Assignment (w3ct303p)**

Ukraine's homegrown harvest

Ukraine's farms are under attack. Russian forces are burning or stealing grain and vegetables. The main growing regions in the south are under occupation, cutting off the country from its usual supplies of fresh food. What can the outside world do?

Monica Whitlock reports from the village of Brozec in western Poland where farmers have rallied round to send seeds to smallholdings and allotments in Ukraine - 'Victory Gardens' in

President Zelensky's words. Each garden feeds far more than one family, as Ukrainian villagers take in internally displaced people from the cities. But as the season for harvest approaches, far more worrying problems face Ukraine's beleaguered farmers.

Producer: Monica Whitlock

(Photo by Alex Chan/SOPA Images/LightRocket/Getty Images)

**THU 03:00 BBC News (w172yqk34br8lsq)**

The latest five minute news bulletin from BBC World Service.

**THU 03:06 Outlook (w3ct3y8g)**

[Repeat of broadcast at 12:06 on Wednesday]

**THU 03:50 Witness History (w3ct3e5l)**

[Repeat of broadcast at 08:50 on Wednesday]

**THU 04:00 BBC News (w172yqk34br8qjv)**

The latest five minute news bulletin from BBC World Service.

**THU 04:06 The Newsroom (w172y17qjr38257)**

The world's Newsroom brings you global events as they happen

**THU 04:30 BBC News Summary (w172yqxl2bz2t7)**

The latest two minute news summary from BBC World Service.

**THU 04:32 The Food Chain (w3ct38my)**

What's up with airline food?

Aeroplane food doesn't have the greatest reputation. Though it might be easy to blame an airline for serving lacklustre meals, the problem is more complex.

Ruth Alexander discovers how the physics of flying wreaks havoc on our senses, the extraordinary lengths airlines have gone to try to dress up their food offering, and what it's like to be the one serving you at your seat.

And, she asks, will it ever be possible for all passengers to enjoy a tasty and nourishing meal in the air?

Culinary historian, Richard Foss, chef-patron of Kitchen Theory, Jozef Youssef, and flight attendant, Kaylie Kay, join her for the ride.

If you would like to get in touch with the show, please email: [thefoodchain@bbc.co.uk](mailto:thefoodchain@bbc.co.uk)

(Picture: Child wearing headphones, eating food on board a plane. Credit: Getty/BBC)

Producer: Elisabeth Mahy

**THU 05:00 BBC News (w172yqk34br8v8z)**

The latest five minute news bulletin from BBC World Service.

**THU 05:06 Newsday (w172yf8jxbq9ygd)**

Suspect admits shooting Amazon pair - say Brazil police

The search is over in the Amazon for a British journalist and a Brazilian indigenous rights activist after a local man admits to killing them - we hear from our correspondent in Brazil.

The US Central bank hikes interest rates in the biggest rise in nearly 30 years to combat soaring inflation - we'll find out why this is significant.

And we have an important animal welfare story from the US too.

**THU 06:00 BBC News (w172yqk34br8z13)**

The latest five minute news bulletin from BBC World Service.

**THU 06:06 Newsday (w172yf8jxbq9lpj)**

European leaders visit Ukraine in show of support

President Joe Biden announces billions of dollars worth of military aid for Ukraine - but is it enough to help Ukraine push back against an intensifying Russian military invasion?

A grim situation is unfolding in Afghanistan - more than a million children are facing severe malnutrition as the country struggles with an economic crisis.

A Jewish Congregation is challenging the abortion law in Florida - the Rabbi says anti-abortion laws violate the rights of

Jewish women.

**THU 07:00 BBC News (w172yqk34br92s7)**

The latest five minute news bulletin from BBC World Service.

**THU 07:06 Newsday (w172yf8jxbq9qfn)**

European leaders visiting Kyiv today in a show of solidarity

Leaders of Germany, France and Italy are visiting the Ukrainian capital Kyiv today - Ukrainian leaders will be looking for a commitment on their promise to provide the military equipment it wants to defend the country against Russian forces.

Also, the remains of a British journalist and an indigenous expert, who went missing in the Amazon in Brazil, have been found - a fisherman has confessed to their murder, according to the police.

And how hundreds of thousands of animals are dying even before they get to the slaughter house - as they're transported across the United States by truck.

**THU 08:00 BBC News (w172yqk34br96jc)**

The latest five minute news bulletin from BBC World Service.

**THU 08:06 The Inquiry (w3ct39t2)**

Is Spotify killing the music industry?

Not so long ago the music industry was threatened like it had never been before as online piracy tore into the profit margins of record labels the world over. Often hailed as the saviour, Spotify stepped in and offered audiences a new way of enjoying their favourite artists and without the need to illegally download pirated material. Despite this, musical artists are becoming increasingly vocal about how difficult it is to make a living from streaming, all whilst record labels and Spotify are reporting huge profit margins.

This week, Tanya Beckett takes a closer at how online streaming services are affecting the music industry.

Produced by: Chris Blake and Louise Clarke-Rowbotham  
Editor: Tara McDermott

Technical Producer: Craig Boardman  
Production Coordinator: Brenda Brown

**THU 08:30 BBC News Summary (w172yqxl2bzksr)**

The latest two minute news summary from BBC World Service.

**THU 08:32 Business Daily (w3ct311s)**

El Salvador's Bitcoin gamble

Joe Tidy travels to El Salvador where almost everything can be paid for using the cryptocurrency Bitcoin. After President Bukele invested heavily in Bitcoin some people are questioning the long-term impact of such a move.

For some money has flowed in from mysterious investors, but others like local economist Tatiana Maraquin think the country's economy cannot handle the fluctuations in the value of the cryptocurrency.

Joe visits a veterinary surgery, which offers huge discounts on treatment if it is bought using the Chivo bitcoin wallet app.

Presenter/producer: Joe Tidy

(Photo: Bitcoin poster)

**THU 08:50 Witness History (w3ct3c12)**

James Joyce and Ulysses

This year is the 100th anniversary of Ulysses by James Joyce, a landmark modernist novel and one of the most influential works of the 20th century. Ulysses is the story of one day in the life of a young Irishman in Dublin; that day, June the 16th, is now known as Bloomsday. To mark Bloomsday, Simon Watts brings together the memories of some of Joyce's friends, as recorded in the BBC archives. The programme was first broadcast in 2012.

PHOTO: James Joyce in 1930 (Roger Viollet via Getty Images)

**THU 09:00 BBC News (w172yqk34br9b8h)**

The latest five minute news bulletin from BBC World Service.

**THU 09:06 Assignment (w3ct303p)**

[Repeat of broadcast at 02:32 today]

**THU 09:30 BBC News Summary (w172ykqxl2bzpjw)**

The latest two minute news summary from BBC World Service.

**THU 09:32 Health Check (w3ct32wh)**

[Repeat of broadcast at 20:32 on Wednesday]

**THU 10:00 BBC News (w172ykq34br9g0m)**

The latest five minute news bulletin from BBC World Service.

**THU 10:06 The Forum (w3ct38sg)**

Ice cream: A cool history

There are almost as many ice cream origin stories as there are flavours, but where did the frozen treat really come from, and who invented it?

Rajan Datar explores the dessert's murky history, from the harvesting and flavouring of snow in China and the Middle East thousands of years ago, to the experimental kitchens of the European aristocracy.

Ice cream's evolution has, of course, closely followed that of refrigeration – we learn why salt was crucial for keeping early versions cold, and hear about the daring entrepreneur who began the global ice trade. Plus, who really invented the ice cream cone?

Producer: Simon Tulett

Contributors:

Robin Weir, author of 'Ice Creams, Sorbets and Gelati: The Definitive Guide';

Najmieh Batmanglij, Iranian-American chef and cookbook author;

Dr Melissa Calaresu, Cambridge University.

(Picture: A woman licking an ice cream. Credit: Getty images)

To find out how to make ice cream yourself visit

[www.bbc.co.uk/food/ice\\_cream](http://www.bbc.co.uk/food/ice_cream)

**THU 10:50 Sporting Witness (w3ct36fm)**

Baseball's bionic man

The story of baseball pitcher Tommy John's elbow injury in 1974 and the revolutionary surgery that was named after him. He became known as the Bionic Man.

**THU 11:00 BBC News (w172ykq34br9krr)**

The latest five minute news bulletin from BBC World Service.

**THU 11:06 The Newsroom (w172yl7qjr38xd4)**

The world's Newsroom brings you global events as they happen

**THU 11:30 BBC News Summary (w172ykqxl2bzpy14)**

The latest two minute news summary from BBC World Service.

**THU 11:32 The Food Chain (w3ct38my)**

[Repeat of broadcast at 04:32 today]

**THU 12:00 BBC News (w172ykq34br9phw)**

The latest five minute news bulletin from BBC World Service.

**THU 12:06 Outlook (w3ct34w3)**

The Oscar joke that turned into a real life drama

Australian production designer Colin Gibson remembers how a playful gift – a toast to his Oscar nomination for Mad Max: Fury Road – inadvertently led to a false bomb scare and a mass evacuation.

Nelsa Curbelo is a former nun who decided the only way to stop street gangs in Guayaquil – Ecuador's most dangerous city – was to infiltrate them. (This interview was first broadcast in April 2018)

US composer Jim Nollman spent decades playing music alongside animals to see how they would react. He even got 300 turkeys to gobble in response to his singing and formed a musical partnership with two orcas. (First broadcast in January 2019)

Presenter: Clayton Conn

Get in touch: [outlook@bbc.com](mailto:outlook@bbc.com)

(Photo: Colin Gibson. Credit: Robyn Beck/AFP via Getty Images)

**THU 12:50 Witness History (w3ct3c12)**

[Repeat of broadcast at 08:50 today]

**THU 13:00 BBC News (w172ykq34br9t80)**

The latest five minute news bulletin from BBC World Service.

**THU 13:06 The Newsroom (w172yl7qjr394wd)**

The world's Newsroom brings you global events as they happen

**THU 13:30 BBC News Summary (w172ykqxl2c05jd)**

The latest two minute news summary from BBC World Service.

**THU 13:32 Health Check (w3ct32wh)**

[Repeat of broadcast at 20:32 on Wednesday]

**THU 14:00 BBC News (w172ykq34br9y04)**

The latest five minute news bulletin from BBC World Service.

**THU 14:06 Newshour (w172yfc07jdgdyf)**

Top European leaders visit Kyiv

The leaders of France, Germany, Italy and Romania are in Ukraine to reaffirm their support to President Zelensky in the war against Russia.

The Indian supreme court has ordered the state of Uttar Pradesh to stop demolishing the houses of Muslims who have protested against the ruling BJP party. We hear from a woman whose family house was bulldozed.

(Photo: L-R, German Chancellor Olaf Scholz, France's President Emmanuel Macron, Ukrainian President Volodymyr Zelensky, Italian Prime Minister Mario Draghi and Romanian President Klaus Iohannis in Kyiv, Ukraine, 16 June, 2022. Credit: Getty Images)

**THU 15:00 BBC News (w172ykq34br1r8)**

The latest five minute news bulletin from BBC World Service.

**THU 15:06 The Inquiry (w3ct39t2)**

[Repeat of broadcast at 08:06 today]

**THU 15:30 BBC News Summary (w172ykqxl2c0f0n)**

The latest two minute news summary from BBC World Service.

**THU 15:32 World Business Report (w172yk682w3nk1b)**

UK follows Fed with rates rise

We explore the fallout of the US Federal Reserve's interest rate hike.

The Bank of England has followed suit by raising the cost of borrowing by 0.25 percent in an attempt to control inflation. We hear from Jason Furman, an economics professor at Harvard and a former economics advisor to President Barack Obama.

The value of bitcoin has fallen about 30% in the last 10 days, devaluing investors' funds around the world. One of them is the government of El Salvador, where bitcoin was made legal tender last year. The BBC's Joe Tidy visits the country to see how widespread the use of the cryptocurrency is while Stephen Obeli, a Nigeria based cyber security analyst, tells us about a similar policy in the Central African Republic.

Transport in Tunisia has been suspended as hundreds of thousands of state employees hold a 24-hour strike to demand better pay amid soaring inflation. Souhail Khmira, a journalist in Tunis, explains the reasons.

Plus, we discuss Elon Musk's attempt to buy Twitter as he is expected to speak to staff this week for the first time. We talk to Ross Gerber, president of California based investment firm Gerber Kawasaki, an investor in both Twitter and Tesla.

(Picture: The Bank of England. Picture credit: EPA)

**THU 16:00 BBC News (w172ykq34br5hd)**

The latest five minute news bulletin from BBC World Service.

**THU 16:06 BBC OS (w172yg110v2rkvq)**

Ukraine's EU membership bid

The leaders of Germany, France, Italy and Romania -- on a visit to Kyiv -- have said that they support Ukraine's bid to join the European Union. We discuss today's developments with two journalists in Germany and France.

Hundreds of thousands of state employees in Tunisia are holding a 24-hour strike to demand better pay amid soaring inflation. We hear messages from Tunisians experiencing the

economic crisis.

In Nigeria, at least 35 teenagers have been rescued from a "baby factory", a place where women and girls are kept to give birth to babies for sale. Our correspondent has the details.

On the final days of Bonn climate talks in Germany, rich countries have been accused of "betrayal". We explain what has been said.

(Photo: Ukrainian President Volodymyr Zelensky (L) and French President Emmanuel Macron embrace after giving a press conference in Kyiv, Ukraine, 16 June 2022. Credit: LUDOVIC MARIN / POOL MAXPPP OUT/EPA)

**THU 17:00 BBC News (w172ykq34br97j)**

The latest five minute news bulletin from BBC World Service.

**THU 17:06 BBC OS (w172yg110v2rpil)**

Climate: Rich nations accused of 'betrayal'

Diplomats have been meeting in Germany for the first major gathering since the COP26 climate conference last November. Poorer nations have said rich nations have betrayed them by dragging their feet on paying for centuries of climate change. We speak to two people - one in South Africa, one in India about how they see the debate about damage and compensation. Also, our climate expert answers some audience questions about the issue.

We speak to a friend of Bruno Pereira, the indigenous expert who has been found dead in Brazil, alongside the British journalist Dom Phillips.

We find out about testimonies the BBC has heard from people who say they were beaten by Russian troops in "filtration" centres for their suspected views on the war.

Police in Nigeria have freed thirty five girls from a "baby factory" where they were being kept in sexual slavery and their children sold. We get details from our correspondent.

(Photo: People sit in the bed of a drought-affected reservoir on the outskirts of Sana'a, Yemen, 05 June 2022. World Environment Day, a United Nations (UN) campaign to raise awareness about the protection of the environment, is celebrated annually on 05 June and this year's theme is "Only One Earth". Credit: YAHYA ARHAB/EPA)

**THU 18:00 BBC News (w172ykq34brbdzn)**

The latest five minute news bulletin from BBC World Service.

**THU 18:06 Outlook (w3ct34w3)**

[Repeat of broadcast at 12:06 today]

**THU 18:50 Witness History (w3ct3c12)**

[Repeat of broadcast at 08:50 today]

**THU 19:00 BBC News (w172ykq34brbjqs)**

The latest five minute news bulletin from BBC World Service.

**THU 19:06 The Newsroom (w172yl7qjr39we5)**

The world's Newsroom brings you global events as they happen

**THU 19:30 BBC News Summary (w172ykqxl2c0x05)**

The latest two minute news summary from BBC World Service.

**THU 19:32 Sport Today (w172yfgl4jm1pp)**

2022/06/16 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

**THU 20:00 BBC News (w172ykq34brbngx)**

The latest five minute news bulletin from BBC World Service.

**THU 20:06 Assignment (w3ct303p)**

[Repeat of broadcast at 02:32 today]

**THU 20:30 BBC News Summary (w172ykqxl2c10r9)**

The latest two minute news summary from BBC World Service.

**THU 20:32 Science In Action (w3ct3693)**

Thirty years after the Earth Summit

Thirty years ago, world leaders met at the United Nations Earth Summit in Rio and appeared to commit to action to tackle two of the world's greatest environmental threats. The Earth Summit launched the UN Climate Change Convention and the Convention on Biological Diversity. Science in Action assesses their success by talking to atmospheric scientist Sir Bob Watson, a former chair of the International Panel of Climate Change, and to Tom Oliver, professor of applied ecology at the University of Reading, decades on.

Also, Arctic zoologist Kristin Laidre tells us about the identification of a unique population of polar bears in south-east Greenland. The bears' unusual habitat and means of survival may make them more resilient to the loss of sea ice as the Arctic region continues to warm. Finally, archaeo-geneticist Maria Spyrou talks about her team's detective work which points to an area of Kyrgyzstan in Central Asia as the likely source of the 14th Century Black Death pandemic.

Presenter: Roland Pease  
Producer: Andrew Luck-Baker

(Photo: Earth Summit In Rio De Janeiro, Brazil, 2 June, 1992. Credit: Antonio Ribeiro/Gamma-Rapho/Getty Images)

**THU 21:00 BBC News (w172ykq34brb571)**  
The latest five minute news bulletin from BBC World Service.

**THU 21:06 Newshour (w172yfc07jfb5b)**  
Congressional committee hears evidence of pressure from Donald Trump

In its third public hearing, the committee hears detail of the campaign to persuade the then Vice- President, Mike Pence, to reject the results of the 2020 election.

Also on the programme: the leaders of France, Germany, Italy and Romania pay a joint visit to Ukraine and offer their support for Kyiv's bid to join the European Union; and why developing countries accuse rich nations of betrayal over the effects of climate change.

(Photo: January 6 House select committee hearings Credit: EPA/Drew Angerer/POOL)

**THU 22:00 BBC News (w172ykq34brwz5)**  
The latest five minute news bulletin from BBC World Service.

**THU 22:06 The Inquiry (w3ct39t2)**  
[Repeat of broadcast at 08:06 today]

**THU 22:30 BBC News Summary (w172yqxl2c187k)**  
The latest two minute news summary from BBC World Service.

**THU 22:32 The Food Chain (w3ct38my)**  
[Repeat of broadcast at 04:32 today]

**THU 23:00 BBC News (w172ykq34br0q9)**  
The latest five minute news bulletin from BBC World Service.

**THU 23:06 The Newsroom (w172yrwvp8g20rw)**  
The world's Newsroom brings you global events as they happen

**THU 23:20 Sports News (w172ygh3glr03rl)**  
BBC Sport brings you all the latest stories and results from around the world.

**THU 23:30 BBC News Summary (w172yqxl2c1czp)**  
The latest two minute news summary from BBC World Service.

**THU 23:32 World Business Report (w172yk72jltqctn)**  
First broadcast 16/06/2022 22:32 GMT

The latest business and finance news from around the world, on the BBC.

## FRIDAY 17 JUNE 2022

**FRI 00:00 BBC News (w172ykq34brc4gf)**  
The latest five minute news bulletin from BBC World Service.

**FRI 00:06 The Forum (w3ct38sg)**  
[Repeat of broadcast at 10:06 on Thursday]

**FRI 00:50 Sporting Witness (w3ct36fm)**  
[Repeat of broadcast at 10:50 on Thursday]

**FRI 01:00 BBC News (w172ykq34brc86k)**  
The latest five minute news bulletin from BBC World Service.

**FRI 01:06 Business Matters (w172ydpdmfdd8lg)**  
The cryptocurrency crash

Vivienne Nunis is joined by contributing editor at NPR, Paddy Hirsch, from Los Angeles and Bloomberg reporter, Rebecca Choong-Wilkins, in Hong Kong.

The value of bitcoin has fallen about 30% in the last 10 days. We hear from one of the youngest Bitcoin millionaires, Erik Finman, about how he got involved in the cryptocurrency aged twelve.

The cosmetics company, Revlon, has filed for bankruptcy protection as it struggles against massive debts and stiff competition. Lauren Thomas from CNBC tells us why such a big brand failed to survive in a pressured economic climate.

President Biden has said a recession in the United States is not inevitable and sees a reason for optimism, noting the low employment rate in the US. We hear from Correspondent for the Wall Street Journal, Silvina Frydlewsky, in Buenos Aires.

Leaders of Germany, France, Italy and Romania have said they support Ukraine's bid to join the European Union. Deputy Director at the Bruegel economic think tank, Maria Demertzis, tells us what the likelihood is of a union with Ukraine.

Picture: A representation of virtual currency Bitcoin is seen in front of a stock graph in this illustration taken November 19, 2020. Picture Credit: REUTERS/Dado Ruvic

**FRI 02:00 BBC News (w172ykq34brccyp)**  
The latest five minute news bulletin from BBC World Service.

**FRI 02:06 The Newsroom (w172yl7qjr3bql2)**  
The world's Newsroom brings you global events as they happen

**FRI 02:30 BBC News Summary (w172ykqxl2c1r72)**  
The latest two minute news summary from BBC World Service.

**FRI 02:32 World Football (w3ct3hq5)**  
Socceroo Aziz Behich and the return of Heather O'Reilly

Australia's Aziz Behich reflects on a famous night for the Socceroos as they secured World Cup qualification with a win over Peru. The former South African international Matthew Booth discusses youth development problems in the country. Plus, Heather O'Reilly returns after playing a UNICEF charity match with some of the biggest names in football.

Picture on website: Australia players celebrate their sides victory after a penalty shoot out following the 2022 FIFA World Cup Playoff match between Australia and Peru (Mohamed Farag/Getty Images).

**FRI 03:00 BBC News (w172ykq34brchpt)**  
The latest five minute news bulletin from BBC World Service.

**FRI 03:06 Outlook (w3ct34w3)**  
[Repeat of broadcast at 12:06 on Thursday]

**FRI 03:50 Witness History (w3ct3c12)**  
[Repeat of broadcast at 08:50 on Thursday]

**FRI 04:00 BBC News (w172ykq34brcmfy)**  
The latest five minute news bulletin from BBC World Service.

**FRI 04:06 The Newsroom (w172yl7qjr3bz2b)**  
The world's Newsroom brings you global events as they happen

**FRI 04:30 BBC News Summary (w172yqxl2c1zqb)**  
The latest two minute news summary from BBC World Service.

**FRI 04:32 Heart and Soul (w3ct423c)**  
The Church's slave plantation

What are the consequences of the Church of England's historic slave plantations in Barbados today? Theologian Robert Beckford considers why and how the Church's missionary arm, the Society for the Propagation of the Gospel, got involved in

the slavery business. He travels to Barbados to hear from a range of voices who tell the story of how in 1710, the Church turned the Codrington Plantation into a missionary experiment. The original mission failed but later generations did eventually adopt the Anglican faith. However, spurred by the country becoming a republic, some are now questioning the Church's historic role in slavery. For some, it has turned them away from Christianity; for others, there is a need to decolonise or Africanise Anglican Christianity in Barbados. They say the religion's only hope of survival on the island is to make it relevant to the black majority populace. Through the voices of Bajan Anglican worshippers, Robert interrogates what the future of the Church now looks like in terms of practice and governance in Barbados.

Presenter: Robert Beckford  
Producer: Rajeev Gupta

**FRI 05:00 BBC News (w172ykq34brc62)**  
The latest five minute news bulletin from BBC World Service.

**FRI 05:06 Newsday (w172yf8jxbqdcvh)**  
Big three EU nations support Ukraine's membership dream

Ukraine's attempt to join the European Union looks to be bearing fruit - and we'll hear from the man whose self-declared 'iron diplomacy' has played a small but important role.

After marathon talks and at a late night press conference the head of the World Trade Organization says global trade deals have been reached on fishing subsidies, food security and waiving patents for coronavirus vaccines.

And we'll head to Beijing to hear about a viral video of men attacking women that has shocked many in China.

**FRI 06:00 BBC News (w172ykq34brcvy6)**  
The latest five minute news bulletin from BBC World Service.

**FRI 06:06 Newsday (w172yf8jxbqdhlm)**  
European Union officials set to give nod to Ukraine candidacy

As Ukraine gets support from senior European Union officials meeting in Brussels on its candidacy to the EU, we hear what may await those civilians who want to leave Russian-occupied cities in the country.

On the third day of US Congressional Hearings into the storming of the Capitol last year a retired judge tells the committee just how close rioters came to the then Vice-President in the chamber.

And could help be on the way for those suffering severe hair loss as a breakthrough in the treatment of alopecia gets approved by the US regulator, the FDA.

**FRI 07:00 BBC News (w172ykq34brczpb)**  
The latest five minute news bulletin from BBC World Service.

**FRI 07:06 Newsday (w172yf8jxbqdmbr)**  
Ukraine's bid to join the EU looks set to take a step forward

Following a trip to the capital of Ukraine by senior European leaders Ukraine's application to join the European Union moves a step closer. We get an update from our correspondent in Brussels.

Also, accusations that the deal that has just been signed by the World Trade Organization to provide cheap vaccines for all is "too little, too late".

And as heatwaves become the new normal around the world, just how do we keep our cities cool?

**FRI 08:00 BBC News (w172ykq34brd3fg)**  
The latest five minute news bulletin from BBC World Service.

**FRI 08:06 HARDtalk (w3ct32fy)**  
Olha Stefanishyna: Will Kyiv get the support it needs?

Stephen Sackur speaks to one of Ukraine's Deputy Prime Ministers, Olha Stefanishyna. The country faces a moment of truth: Russian firepower on the frontline is beginning to tell, as the EU contemplates whether to accept Ukraine as a candidate for membership. Will Kyiv get the support it needs?

**FRI 08:30 BBC News Summary (w172yqxl2c2gvp)**  
The latest two minute news summary from BBC World Service.

**FRI 08:32 Business Daily (w3ct30rr)**

The race to stop a Red Sea oil catastrophe

One of the many casualties of the war in Yemen is the FSO Safer, a floating storage facility which holds one million barrels of crude oil. No maintenance has been carried out on the vessel for years, and experts believe it's in danger of exploding or leaking oil in to the Red Sea at any moment.

The UN has previously unsuccessfully tried to resolve the issue, but David Gressly, the Humanitarian Coordinator for Yemen, thinks the next few weeks could be vital, and is calling on the private sector and individuals to help fund an operation to transfer the oil to a safer vessel.

We hear from Tim Lenderking, US Special Envoy for Yemen, Ghiwa Nakat of Greenpeace Middle East and North Africa and Yemen's Minister for Water and the Environment Tawfeeq Al Sharjabi.

Presenter: Hannah Bewley

Producers: Hannah Bewley and Sumaya Bakhs

Image: The FSO Safer from above; Credit: Getty Images

**FRI 08:50 Witness History (w3ct3bwk)**

Cambodia war crimes

In 2009, a UN-backed war crimes tribunal opened in Cambodia to try the senior Khmer Rouge commanders responsible for the genocide of an estimated two million people during Pol Pot's regime in the late 1970s. Josephine McDermott talks to New Zealander Rob Hamill, who testified against the notorious prison camp chief known as Comrade Duch. Rob Hamill's brother Kerry was killed by the Khmer Rouge after mistakenly sailing into Cambodian waters.

(Photo: Kerry Hamill aboard his boat. Credit: Rob Hamill)

**FRI 09:00 BBC News (w172ykq34brd75I)**

The latest five minute news bulletin from BBC World Service.

**FRI 09:06 Tech Tent (w3ct3756)**

Is El Salvador's bitcoin revolution failing?

This week Tech Tent is presented by Joe Tidy, who's been to El Salvador - which has bought thousands of bitcoins and become the first country in the world to make it legal tender. Now prices are crashing so will its experiment end in failure? Bitcoin podcast host Natalie Brunell and financial commentator Frances Coppola give their thoughts. Also: entrepreneurs at a London tech week on their hopes and fears for the future. A Facebook moderator tells Chris Vallance of the strain of screening graphic content from the Ukraine war. And Liv McMahon pays the tech team's respects to Internet Explorer, put out to pasture after 27 years in which it transformed home computing.

**FRI 09:30 BBC News Summary (w172ykqxl2c2lfz)**

The latest two minute news summary from BBC World Service.

**FRI 09:32 Science In Action (w3ct3693)**

[Repeat of broadcast at 20:32 on Thursday]

**FRI 10:00 BBC News (w172ykq34brdbxq)**

The latest five minute news bulletin from BBC World Service.

**FRI 10:06 The Real Story (w3ct33p0)**

The repatriation of precious artefacts

The King of Belgium this month handed back a Congolese mask, one of about 84,000 artefacts taken during the colonial-era which the country has agreed to return. In 2018 a report commissioned by the French government recommended the return of thousands of African artworks taken from the continent during colonial rule. This week the director of the V&A museum in London, Tristram Hunt, told The Real Story that he'd like to see a review of decades-old UK laws which prohibit historical pieces being returned to their countries of origin. The clamour for the return of objects which may have been taken, stolen or bought during the colonial era is growing louder. The people and communities who want them back say it's about preserving their cultural identities. So, is it time for some of the planet's biggest and most visited museums to repatriate many more of the items they've acquired from around the world? And how can the educational value of so-called 'encyclopaedic museums' continue to educate millions if the number of artefacts they have on display is diminished?

Ritula Shah is joined by a panel of expert guests.  
Producers: Paul Schuster and Ellen Otzen.

**FRI 11:00 BBC News (w172ykq34brdgnv)**

The latest five minute news bulletin from BBC World Service.

**FRI 11:06 The Newsroom (w172y17qjr3ct97)**

The world's Newsroom brings you global events as they happen

**FRI 11:30 BBC News Summary (w172ykqxl2c2ty7)**

The latest two minute news summary from BBC World Service.

**FRI 11:32 World Football (w3ct3hq5)**

[Repeat of broadcast at 02:32 today]

**FRI 12:00 BBC News (w172ykq34brdlidz)**

The latest five minute news bulletin from BBC World Service.

**FRI 12:06 The Fifth Floor (w3ct37z9)**

Racism for sale

BBC reporter Runako Celina tells us about her long search for the origins of a shocking video circulating on Chinese social media in 2020. It showed a group of African children being instructed to chant racist phrases in Chinese. The answers Runako found are in her BBC Africa Eye documentary Racism for Sale.

For the love of mangoes!

We unleash the Fifth Floor mic in the BBC Delhi bureau where colleagues from the Indian language services share their love of mangoes, especially their local varieties. Thanks to Siddhanath Ganu of BBC Marathi, Sarika Singh of BBC Hindi, Khushboo Sandhu of BBC Punjabi, Brijal Shah of BBC Gujarati, Venkat Prasad G of BBC Telugu and Saranya Nagarajan of BBC Tamil.

New words and a culture shift in Ukraine

'Putler', 'Ruscists' and 'Anglo-Saxons': what words can tell us about the cultural shift in Ukraine since the invasion, and why some are 'changing their shoes mid-air', with Vitaliy Shevchenko from BBC Monitoring.

Bangladesh container depot blast

The devastating explosion at the Sitakunda container depot near Chittagong killed more than 40 people and injured hundreds. BBC Bangla journalist Shahnewaj Rocky is from Chittagong and spoke with firefighters and some of those who rushed to help the victims.

Ventriloquist queen

American ventriloquist Angelique-Monet became a queen in Nigeria after falling in love with a Nigerian king and marrying him. She lives in Eti-Oni in southern Nigeria where she and her puppet, Milk the Cow, entertain local children with their skills. BBC Africa's Youth News reporter Damilola Oduolowu caught her show.

(Photo: A Chinese greeter from African children. Credit: BBC)

**FRI 12:50 Witness History (w3ct3bwk)**

[Repeat of broadcast at 08:50 today]

**FRI 13:00 BBC News (w172ykq34brdq53)**

The latest five minute news bulletin from BBC World Service.

**FRI 13:06 The Newsroom (w172y17qjr3d1sh)**

The world's Newsroom brings you global events as they happen

**FRI 13:30 BBC News Summary (w172ykqxl2c32fh)**

The latest two minute news summary from BBC World Service.

**FRI 13:32 Science In Action (w3ct3693)**

[Repeat of broadcast at 20:32 on Thursday]

**FRI 14:00 BBC News (w172ykq34brdtx7)**

The latest five minute news bulletin from BBC World Service.

**FRI 14:06 Newshour (w172yfc07jjhvcj)**

Interviews, news and analysis of the day's global events.

**FRI 15:00 BBC News (w172ykq34brdymc)**

The latest five minute news bulletin from BBC World Service.

**FRI 15:06 HARDtalk (w3ct32fy)**

[Repeat of broadcast at 08:06 today]

**FRI 15:30 BBC News Summary (w172ykqxl2c39xr)**

The latest two minute news summary from BBC World Service.

**FRI 15:32 World Business Report (w172yk2z9yq0778)**

Ukraine moves a step closer to EU membership

The European Commission has recommended to give Ukraine and Moldova candidate status, moving their application forward in a process that will still take many years to complete.

European leaders will meet next week to vote and the approval of all 27-nations is needed for both countries to be officially declared candidates to join the EU. Oleg Chernyak, CEO of CHI Software, tells us about the hopes this brings to a war-torn country.

India is seeing violent protests against a new military recruitment scheme. One person was killed in the southern city of Secunderabad after police opened fire to disperse a mob attacking a railway station. Sushant Kumar Singh from the Centre for Policy Research in India explains why the scheme is controversial while the BBC's Surekha Abburi brings us the latest from the protests.

The director of the World Trade Organisation Ngozi Okonjo-Iweala says marathon talks in Geneva have produced a series of trade deals that will make a difference to the lives of people around the world. We talk to Alan Wolff, former deputy director-general of the WTO, and BBC Africa's Charles Gitonga.

President Vladimir Putin says sanctions against Russia over the invasion of Ukraine are an 'economic blitzkrieg' that backfired on the West. We hear from Shanti Keleman, chief investment officer at M&G Wealth, about this and other developments taking place in the markets.

The Netherlands has invested 100 million euros to start flying hydrogen planes to London by 2028. We talk to Michel Van Ierland, an entrepreneur who participates in the project.

(Picture: President of the European Commission Ursula Von Der Leyen. Picture credit: Reuters)

**FRI 16:00 BBC News (w172ykq34brf2dh)**

The latest five minute news bulletin from BBC World Service.

**FRI 16:06 BBC OS (w172yg110v2vgrk)**

Everest base camp to be moved from melting glacier

Nepal is preparing to move its Everest base camp because global warming and human activity are making it unsafe. We talk about how the camp will be relocated and get reaction from climbers.

Ukraine's bid to join the European Union has been given a major boost with a recommendation of a candidate status. We explain how the process to join the Union usually works, and what Ukrainians think about the accession plan.

We find out how new subvariants of Omicron are causing fresh surges of Covid around the world.

We hear from Indians who are protesting against the country's new military recruitment process which would bring in more people on short contract.

(Photo: Lakpa. Credit: 8K Expeditions)

**FRI 17:00 BBC News (w172ykq34brf64m)**

The latest five minute news bulletin from BBC World Service.

**FRI 17:06 BBC OS (w172yg110v2vlhp)**

Mass funeral for Nigeria church attack

A mass funeral is taking place in south-western Nigeria for victims of the shooting earlier this month at a Catholic church in the town of Owo. We'll speak to our reporter about the gathering and find out what more is now known about the attackers.

Also, Ukraine's bid to join the European Union has been given a major boost with a recommendation of a candidate status. We'll explain how the process to join the Union usually works, and what Ukrainians think about the accession plan.

And Nepal is preparing to move its Everest base camp because global warming and human activity are making it unsafe. We'll talk about how the camp will be relocated and get reaction from climbers.

(Photo: A man grieves as he attends a mass memorial service for victims killed in an attack by gunmen during a Sunday mass service, at St. Francis Catholic Church in Owo, Ondo, Nigeria June 17, 2022. Credit: REUTERS/Temilade Adelaya)

**FRI 18:00 BBC News (w172ykq34brf9wr)**

The latest five minute news bulletin from BBC World Service.

**FRI 18:06 The Fifth Floor (w3ct37z9)**

[Repeat of broadcast at 12:06 today]

**FRI 18:50 Witness History (w3ct3bwbk)**

[Repeat of broadcast at 08:50 today]

**FRI 19:00 BBC News (w172ykq34brffmw)**

The latest five minute news bulletin from BBC World Service.

**FRI 19:06 The Newsroom (w172yl7qjr3ds88)**

The world's Newsroom brings you global events as they happen

**FRI 19:30 BBC News Summary (w172ykqxl2c3sx8)**

The latest two minute news summary from BBC World Service.

**FRI 19:32 Sport Today (w172yfggl4jpyls)**

2022/06/17 GMT

BBC sports correspondents tell the story behind today's top sporting news, with interviews and reports from across the world.

**FRI 20:00 BBC News (w172ykq34brfkd0)**

The latest five minute news bulletin from BBC World Service.

**FRI 20:06 Tech Tent (w3ct3756)**

[Repeat of broadcast at 09:06 today]

**FRI 20:30 BBC News Summary (w172ykqxl2c3xnd)**

The latest two minute news summary from BBC World Service.

**FRI 20:32 CrowdScience (w3ct3j6z)**

What is a quantum computer?

Every year, new computers are being developed that are faster and smarter than ever before. But if you really want to take things to the next level, you've got to go quantum.

CrowdScience listener Atikah in Hungary likes the sound of a quantum computer but wants to know: what exactly is it, what can it do that a normal computer can't, and how soon can she get hold of one?

The digital devices in our everyday lives - from laptop computers to smartphones - are all based on 0s and 1s: so-called 'bits'. But quantum computers are based on 'qubits' - the quantum 0s and 1s that are altogether stranger, but also more powerful. With the help of quantum computing researcher Jessica Pointing and a spinning doughnut, presenter Alex Lathbridge learns how these 'qubits' allow computers to perform calculations millions of times faster than normal.

While quantum computers do exist, it turns out they're not yet big enough or stable enough to be really useful. Alex visits Professor Winfried Hensinger and his prototype quantum computer at the University of Sussex to understand what they can do right now, and why it's so incredibly difficult to scale them up. He hears from the engineers racing to overcome the obstacles and unlock the potential of these mega-powerful systems.

But once the engineering problems are solved, what then? Professor Shohini Ghose opens our eyes to the exciting range of possible applications - from helping create new drugs, to making electric batteries much more efficient and maybe even helping farmers fertilise their crops for a fraction of the price.

Contributors - Jessica Pointing, Professor Winfried Hensinger, Professor Shohini Ghose  
Presenter - Alex Lathbridge  
Producer - Ilan Goodman  
Sound Design - Jon Nicholls

[Image: Winfried Hensinger in his lab at the University of Sussex, Credit: Universal Quantum]

**FRI 21:00 BBC News (w172ykq34brfp44)**

The latest five minute news bulletin from BBC World Service.

**FRI 21:06 Newshour (w172yfc07jjj72f)**

Interviews, news and analysis of the day's global events.

**FRI 22:00 BBC News (w172ykq34brfsw8)**

The latest five minute news bulletin from BBC World Service.

**FRI 22:06 HARDtalk (w3ct32fy)**

[Repeat of broadcast at 08:06 today]

**FRI 22:30 BBC News Summary (w172ykqxl2c454n)**

The latest two minute news summary from BBC World Service.

**FRI 22:32 World Football (w3ct3hq5)**

[Repeat of broadcast at 02:32 today]

**FRI 23:00 BBC News (w172ykq34brfxmd)**

The latest five minute news bulletin from BBC World Service.

**FRI 23:06 The Newsroom (w172yrwvp8g4xnz)**

The world's Newsroom brings you global events as they happen

**FRI 23:20 Sports News (w172ygh3glr30np)**

BBC Sport brings you all the latest stories and results from around the world.

**FRI 23:30 BBC News Summary (w172ykqxl2c48ws)**

The latest two minute news summary from BBC World Service.

**FRI 23:32 World Business Report (w172yk3srp9qhml)**

First broadcast 17/06/2022 22:32 GMT

The latest business and finance news from around the world, on the BBC.