

SATURDAY 12 MARCH 2022**SAT 00:00 BBC News (w172xzk2b4xv960)**

The latest five minute news bulletin from BBC World Service.

SAT 00:06 The Newsroom (w172xyzyv1xx58)

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

SAT 00:30 BBC News Summary (w172xkwrwjngd)

The latest two minute news summary from BBC World Service.

SAT 00:32 Tech Tent (w3ct1njd)

Could Russia be cut off from the web?

As more tech companies sever ties with Russia, could it face being cut off from the web? We also hear how tech workers around the world are helping people in Ukraine.

This week's guests are Olha Svyrypa, a Ukrainian woman working for a software development firm; Andrew Pavliv, chief executive of one of Ukraine's largest IT firms; Abishur Prakash, a geopolitical futurist; and Emerson T. Brooking, co-author of The Weaponization of Social Media.

SAT 01:00 BBC News (w172xzk2b4xvdy4)

The latest five minute news bulletin from BBC World Service.

SAT 01:06 World Business Report (w172xzlq6m4713d)

Biden set to add more sanctions on Russian exports

The US president announces plans, along with other G7 nations, to increase tariffs on more Russian goods by removing the country's 'most favoured nation' status within the World Trade Organisation schedules. Plus we look at the role of foreign mercenaries in the war in Ukraine with defence analyst Jonathan Marcos. We consider the importance of Russia and Ukraine's food production to the global food chain with Arnaud Petit, director of the International Grains Council. And we get a Russian perspective on the events of the last two weeks from Andrei Kolesnikov, who is chair of the Russian Domestic Politics and Political Institutions Program at the Carnegie Moscow Center. The programme is presented by David Harper and produced by Russell Newlove.

(Photo: President Biden delivers remarks at the White House Credit: EPA)

SAT 01:30 BBC News Summary (w172xkwrwjjs6j)

The latest two minute news summary from BBC World Service.

SAT 01:32 WorklifeIndia (w3ct2f4m)

Getting employees back to the office

In the last two years, the world has become accustomed to remote working. The Covid pandemic changed the way we work, with many people rarely, if ever, going into the office.

But as the world returns to normality, corporates are now facing an interesting question: Should they let the workers stay at home, bring everyone back to the office, or find a solution in between?

And what about the employees? Do they want to return and what are their concerns? What are the difficulties companies are facing in bringing them back to the office space?

In this edition of WorklifeIndia, we discuss what companies are doing to bring employees back to the office.

Presenter: Devina Gupta

Contributors: Sandeep Rao, CEO, One Source Group; Devita Saraf, chairman and CEO, Vu Group; Zubin Palia, chief group HR & IR, Tata Steel; Krish Shankar; EVP & group head, HR, Infosys

SAT 02:00 BBC News (w172xzk2b4xvjp8)

The latest five minute news bulletin from BBC World Service.

SAT 02:06 The Newsroom (w172xyzyv1y4nj)

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

SAT 02:30 BBC News Summary (w172xkwrwjwjn)

The latest two minute news summary from BBC World Service.

SAT 02:32 Stumped (w3ct1lxc)

Shane Warne: 'A legend that will continue to grow'

A week on from when news first broke about Shane Warne's

sudden death Alison Mitchell, Jim Maxwell and Charu Sharma pay tribute to the 'King of Spin'.

He was known as cricket's greatest ever leg-spinner, arguably cricket's greatest bowler and surpassed only by Sir Donald Bradman as Australia's greatest cricketer. Shane Warne took 708 Test wickets, the second most of all time, in 145 matches across a stellar 15-year international career.

Keeping wicket to Warne from 1999 through to the end of his international career was Adam Gilchrist and he joins the team to share his memories of playing alongside him and gives us an insight into the player, man and friend he was.

Photo: Shane Warne of Australia celebrates his 700th test wicket after he bowled Andrew Strauss of England during day one of the fourth Ashes Test Match between Australia and England at the Melbourne Cricket Ground on December 26, 2006. (Credit: Getty Images)

SAT 03:00 BBC News (w172xzk2b4xvfnf)

The latest five minute news bulletin from BBC World Service.

SAT 03:06 The Fifth Floor (w3ct20gd)

Sunflowers, sanctions and state media

BBC Russian editor Famil Ismailov describes how his team has been covering the war, and the challenges they face from a regime which wants to stop them reporting and block their news. He tells us about the different ways that the news is still getting through to audiences inside Russia.

Taraneh Stone of BBC Persian TV contrasts the official Iranian media's support for Russian actions, while social media voice their support for Ukraine. One of the hits there was a video of a Ukrainian soldier reciting a Farsi love poem, revealing surprising links between the two countries.

Özge Özdemir of BBC Turkish reflects on the significance of President Erdogan's diplomacy, and explores the economic implications of the war for Turkey, which imports both food and fuel from Russia and Ukraine.

Howard Zhang, editor of BBC Chinese, explores China's reaction to the war in Ukraine. A month ago, President Xi Jinping declared there was "no limit" to Beijing's newly strengthened relationship with Russia. But after worldwide condemnation and sanctions imposed on Russia, will this relationship falter?

BBC Brasil's Daniel Gallas explains why President Jair Bolsonaro is a fan of Vladimir Putin, though his admiration has caused problems among his supporters. Plus we hear escape stories of the Brazilians playing for Ukrainian football teams, and learn about Brazil's Ukrainian community.

(Photo: Ukrainian sunflower. Credit: Serhii Hudak/Getty Images)

SAT 03:50 Witness History (w3ct1x00)

The Wages for Housework campaign

They called it "The only work you never retire from, the only work you never get paid for" and in 1972 the Italian Marxist Feminist group Lotta Femminista tried to change that. Inspired by the work of feminist theorist Mariarosa Dalla Costa, they launched an international campaign for women to be paid for housework. The movement argued that if home-making stopped, our entire economic system would grind to a halt. Claire Bowes speaks to one of the leaders of Wages for Housework, Leopoldina Fortunati, about their revolutionary campaign and how its roots go back as far as the 19th century.

PHOTO: Wages for Housework leaders Mariarosa Dalla Costa (left) and Leopoldina Fortunati (centre) at a rally in the 1970s.

SAT 04:00 BBC News (w172xzk2b4xvs5j)

The latest five minute news bulletin from BBC World Service.

SAT 04:06 The Real Story (w3ct1htw)

Can Russia's economy survive?

Just two weeks after Russia's full-scale invasion of Ukraine the conflict has already begun reshaping the world. The bombardment of Ukrainian cities has led to the deaths of thousands of civilians and forced millions to flee the country. But the war has also completely upended the global economy. Russia is paying the heaviest economic price, as it grapples with Western-led sanctions on its banks, major industries and individuals associated with President Vladimir Putin. There are growing fears in Moscow that basic supplies of essentials like food and medicines may be disrupted. But attempts to cut Russia off from the global economy are impacting nations and

industries across the planet. Oil and gas prices are up, as are the cost of key commodities such as wheat. Global supply chains have already been disrupted by the pandemic and now the war in Ukraine - and the inflation it's causing - is adding to the woes of some of the poorest people on Earth. So how long can the Kremlin hold out? As the threat of Russia defaulting on its debts increases, what does the future hold for the country's economy and its workforce? And how high a price will we all pay as a result of the conflict now playing out in Eastern Europe?

Ritula Shah is joined by a panel of experts. Producers: Junaid Ahmed and Paul Schuster.

SAT 05:00 BBC News (w172xzk2b4xvwxn)

The latest five minute news bulletin from BBC World Service.

SAT 05:06 The Newsroom (w172xyzyv1yhwx)

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

SAT 05:30 BBC News Summary (w172xkwrwj861)

The latest two minute news summary from BBC World Service.

SAT 05:32 World of Wisdom (w3ct2zwn)

Changing expectations

How do we learn to adapt when life does not go as we planned? Sometimes the life we believed we should be living and the expectation of the person we would become, no longer matches reality. Max, from Germany, became divorced during the pandemic. Therapist and author Dr Shefali, speaks to him about letting go of the idea of marriage as a 'happily ever after' and about how our own ego can stand in the way of personal growth.

Presenter: Sana Safi

Producers: Ruth Edwards and Charlie Taylor

SAT 05:50 Over to You (w3ct1i2w)

Fact checking and reporter safety in Ukraine

We take a look at the coverage of the ongoing crisis in Ukraine. The foreign editor for BBC News, Paul Danahar, joins us in the studio to respond to listeners' comments and questions. How do the BBC's reporters on the ground fact check stories? And what measures are in place to keep correspondents as safe as possible?

Presenter: Rajan Datar

Producer: Howard Shannon

SAT 06:00 BBC News (w172xzk2b4xw0ns)

The latest five minute news bulletin from BBC World Service.

SAT 06:06 Weekend (w172xytq5xn6dxw)

Russia widen attacks on Ukraine cities

The Russian military strikes hit the western and central cities of Lviv, Lutsk and Ivano-Frankivsk. Sirens were also heard overnight in Lviv, Odessa, Kharkiv, Sumy and Kyiv.

Also in the programme: How Ukraine's neighbour, Moldova is struggling to deal with refugees fleeing the war in Ukraine.

Julian Worricker is joined by two guests to discuss the news and issues of the day. Laleh Khalili is a professor of international politics at Queen Mary University of London and Alexander Stubb is the Director of the School of Transnational Governance at the European University Institute in Florence, Italy and a former prime minister of Finland.

(Photo: Medics walk outside the regional administration building, which city officials said was hit by a missile attack, in central Kharkiv, Ukraine, March 1, 2022. REUTERS/Vyacheslav Madiyevskyy)

SAT 07:00 BBC News (w172xzk2b4xw4dx)

The latest five minute news bulletin from BBC World Service.

SAT 07:06 Weekend (w172xytq5xn6jpo)

Ukraine capital braces for Russian assault

Residents of the Ukrainian capital Kyiv have been fortifying their neighbourhoods as Russian forces edge closer to the city.

Also in the programme: A look at how the war in Ukraine has affected Germany's political and economic ties with Russia.

Julian Worricker is joined by two guests to discuss the news and issues of the day. Laleh Khalili is a professor of international politics at Queen Mary University of London and Alexander

Stubb is the Director of the School of Transnational Governance at the European University Institute in Florence, Italy and a former prime minister of Finland.

(Photo: Members of the Ukrainian military are seen near a tank, amid Russia's invasion in Ukraine, near Kyiv, Ukraine March 10, 2022. REUTERS/Anna Kudriavtseva)

SAT 08:00 BBC News (w172xzk2b4xw851)

The latest five minute news bulletin from BBC World Service.

SAT 08:06 Weekend (w172xytq5xn6nf4)

Russian troops seen moving towards Kyiv

The air raid sounds were also heard in several other cities as Russian troops continue to make their way towards Kyiv.

Also in the programme: The significance of Ukraine's national anthem, its increased use as a symbol of solidarity and how it's taking on a new meaning in the wake of Russia's invasion.

Julian Worricker is joined by two guests to discuss the news and issues of the day. Laleh Khalili is a professor of international politics at Queen Mary University of London and Alexander Stubb is the Director of the School of Transnational Governance at the European University Institute in Florence, Italy and a former prime minister of Finland.

(Photo: Service members of pro-Russian troops in uniforms without insignia are seen atop of a tank in the separatist-controlled settlement of Mykolaivka (Nikolaevka), as Russia's invasion of Ukraine continues, in the Donetsk region, Ukraine March 1, 2022. REUTERS/Alexander Ermochenko)

SAT 08:30 BBC News Summary (w172xzkwrwjkmf)

The latest two minute news summary from BBC World Service.

SAT 08:32 Weekend (w172xytq5xn6q2f)

A review of the week with the latest news.

SAT 09:00 BBC News (w172xzk2b4xwxc5)

The latest five minute news bulletin from BBC World Service.

SAT 09:06 The Newsroom (w172xyzyv1yzwf)

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

SAT 09:30 BBC News Summary (w172xzkwrwjkrf5k)

The latest two minute news summary from BBC World Service.

SAT 09:32 The Explanation (w3ct3tpx)

Understanding North Korea and the Kim dynasty

Claire Graham talks to the BBC's Correspondent in Seoul, Laura Bicker, to get a better understanding of North Korea, one of the world's most secretive countries.

SAT 09:50 Over to You (w3ct1l2w)

[Repeat of broadcast at 05:50 today]

SAT 10:00 BBC News (w172xzk2b4xwhn9)

The latest five minute news bulletin from BBC World Service.

SAT 10:06 Sportshour (w172y0qh863bxny)

Football in Poland steps up to help people fleeing conflict in Ukraine

The vice president of Wisla Krakow, Maciej Bałazifski and Anna Mioduska, who is the chair of Legia Warsaw's foundation, tell us how their clubs are helping people displaced by the conflict in Ukraine. Both clubs have been aiding the effort to collect supplies for Ukrainian refugees, while Wisla have also given sanctuary to the youth team players from Dynamo Kyiv. Legia have been providing football sessions for children and have plans in place to provide a creche for young children and their mothers.

Katie Smith brings us the latest news from the Winter Paralympics and we hear from Canadian legend Brian McKeever.

Camille Herron tells us her attitude to ultrarunning is a mix of the fictional characters Ted Lasso, Forrest Gump and Billy Elliott. The American recently broke her own 100-mile women's world record averaging around 7:37 minutes per mile over the 12 hours and 41 minutes run.

And - David Diamante joins us to reflect on the motorcycle accident that could have cost him his life and making his return

to ring announcing. Diamante was told by doctors he could have been left paralysed by the accident, which resulted in him having emergency surgery and nine screws inserted in his back.

Image: Legia supporters during the PKO Ekstraklasa match in Warsaw, Poland. (Photo by Foto Olimpik/NurPhoto via Getty Images)

SAT 11:00 BBC News (w172xzk2b4xwmdf)

The latest five minute news bulletin from BBC World Service.

SAT 11:06 The Newsroom (w172xyzyv1z7cp)

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SAT 11:30 BBC News Summary (w172xzkwrwjkznt)

The latest two minute news summary from BBC World Service.

SAT 11:32 BBC OS Conversations (w3ct2d75)

Welcoming Ukraine's refugees

The United Nations says the war in Ukraine has provoked the fastest-growing refugee crisis in Europe since World War Two. Leaving their homes and most of their possessions behind, many people have endured long, and often dangerous journeys across the country, before queuing for hours to cross the border.

When they reach safety, they are welcomed by family, friends and also the generosity of complete strangers. At Berlin's central railway station, trains full of Ukrainian refugees are being met by volunteers with food, drink and offers of free accommodation. We join one German family in the living room of their home, together with the Ukrainian family they're now hosting.

We also hear from three people - two men and a woman - staying behind in Ukraine. They share their fears for family, and their willingness to pick up a weapon if they need to. And two British men who have joined an 'international legion' to fight alongside Ukrainian forces explain their decision in light of UK government warnings that they could be prosecuted.

(Photo: A woman (R) greets her friend from Kyiv after she disembarked from a train coming from Warsaw, carrying mostly people fleeing the war in Ukraine, 8 March, 2022. Credit: John MacDougall/AFP/Getty Images)

SAT 12:00 BBC News (w172xzk2b4xwr4k)

The latest five minute news bulletin from BBC World Service.

SAT 12:06 The Documentary (w3ct3jzl)

Cold War in full swing

Jazz and communist East Germany seem unlikely bedfellows. Yet in 1965 Louis Armstrong became the first American entertainer to play jazz there at the height of the Cold War. East Germans celebrated Armstrong, and his visit became a propaganda victory for East Germany, helping it to boost its reputation in the wake of its oppressive government building the Berlin Wall in 1961.

On his brief and only tour through East Germany Armstrong played to packed houses. His popularity surprised the authorities very much considering not one record of him was available before 1965 and one's passion for the music could land you in prison.

Kevin Le Gendre peeks through the former Iron Curtain to discover the dangers jazz lovers faced to pave the way for these legendary concerts to happen. He speaks to jazz journalist Karlheinz Drechsel who first risked his career for jazz but then had the privilege to accompany Louis Armstrong on the tour and announce his concerts. He tells Kevin what it was like meeting Louis Armstrong. Armstrong not only had to navigate political sensitivities on the Cold War front between East and West, but also on the home front in the US, when questioned about the Civil Rights Movement, which was at its peak.

With contributions from journalists Siegfried Schmidt-Joos and Leslie Colitt, the jazz fan Volker Stiebler, jazz journalist Detlef Ott, authors Ricky Riccardi and Stephan Schulz, pianist Ulrich Gumpert, and Roland Trisch, who worked at East Germany's Artists Agency, which enabled Louis Armstrong's tour. Archive material of the Selma to Montgomery march in Alabama on 7 March 1965 is courtesy of the Robert H Jackson Center.

Since making the programme jazz journalist Karlheinz Drechsel passed away.

SAT 13:00 BBC News (w172xzk2b4xwvwp)

The latest five minute news bulletin from BBC World Service.

SAT 13:06 Newshour (w172xv5mw15cv69)

Russian attacks intensify on outskirts of Kyiv

Ukrainian forces fear Russia may be about to launch a large-scale assault on the capital, one of their key targets. We hear the latest from our correspondents on the ground and speak to Ukrainian President Zelensky's advisor Alexander Rodnyansk.

Also on the programme, Ukraine's small neighbouring country Moldova faces being overwhelmed by refugees escaping a possible assault on Odesa. And a look at the how the Russian economy is standing up to crippling international sanctions.

(Photo: A warehouse storing frozen products is seen on fire after shelling, as Russia's attack on Ukraine continues, in the village of Kvitneve in Kyiv region, Ukraine. March 12, 2022. Press service of the State Emergency Service of Ukraine/Handout via REUTERS)

SAT 14:00 BBC News (w172xzk2b4xwzmt)

The latest five minute news bulletin from BBC World Service.

SAT 14:06 Sportsworld (w172y0ts13j3mcm)

Live Sporting Action

Lee James presents live Premier League commentary of Brentford against Burnley at the Brentford Community Stadium.

We'll also bring you reaction to Saturday's early game between Brighton and Liverpool, as well as discussing the day's action in the Six Nations, in the Women's Cricket World Cup and golf's Players' Championship.

Image: Konstantin Kerschbaumer of Brentford battles with David Jones of Burnley during the Sky Bet Championship match between Burnley and Brentford at Turf Moor on August 22, 2015 in Burnley, England. (Photo by Jan Kruger/Getty Images)

SAT 18:00 BBC News (w172xzk2b4xsgmb)

The latest five minute news bulletin from BBC World Service.

SAT 18:06 The Newsroom (w172xyzyv202il)

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

SAT 18:30 BBC News Summary (w172xzkwrwjlwtq)

The latest two minute news summary from BBC World Service.

SAT 18:32 World of Wisdom (w3ct2zwn)

[Repeat of broadcast at 05:32 today]

SAT 18:50 Sporting Witness (w3ct1l9n)

Kelly Gallagher

Kelly Gallagher, a visually-impaired skier from Northern Ireland, won Team GB's first Winter Paralympic gold at the 2014 games in Sochi. She talks to Nick Holland about her career in one of the most thrilling alpine sports, and her bond with her guide, Charlotte Evans.

PHOTO: Kelly Gallagher competing at Sochi (Getty Images)

SAT 19:00 BBC News (w172xzk2b4xxldg)

The latest five minute news bulletin from BBC World Service.

SAT 19:06 World Questions (w3ct40sh)

Estonia

Estonia is a parliamentary democracy, a member of the European Union and a post-Soviet success story right on the Nato frontline.

As the war following Russia's invasion continues in Ukraine, Estonians ask - How defensible is their country? Can it rely on Nato? And how loyal is the Russian speaking minority within its own borders? Jonny Dymond is joined by a panel of Estonian politicians and opinion formers who field urgent questions from across the country.

The panel includes:

President Kersti Kaljulaid: Former President of Estonia
Marko Mihkelson MP: Chair of the Foreign Affairs Committee
Yana Toom MEP

Kristi Raik: Director of the Estonian Foreign Policy Institute

Producers: Charlie Taylor and Helen Townner
Sound Engineers: John Boland, Chris Weightman and Henry Dutton

BBC World Questions is a series of international events created

in partnership with the British Council.

(Photo: People wave flags in Tallin to celebrate 100 years since Estonia first declared independence in 1918. Credit: Raigo Pajula/AFP/Getty Images)

SAT 20:00 BBC News (w172xzk2b4xxq3l)

The latest five minute news bulletin from BBC World Service.

SAT 20:06 The Arts Hour (w3ct1rvd)

Author Marlon James

Nikki Bedi is joined by bestselling Jamaican author Marlon James for an extended interview about his new novel – the second instalment of his Dark Star fantasy series.

And the double Booker Prize-winning Canadian novelist Margaret Atwood reveals her feelings about the differences between the way men and women use language.

(Photo: Marlon James. Credit: Mark Seliger)

SAT 21:00 BBC News (w172xzk2b4xxtvq)

The latest five minute news bulletin from BBC World Service.

SAT 21:06 Newshour (w172xv5mw15dt5b)

Zelensky confident Ukraine will emerge victorious

Russian forces have made further gains in the south of the country, capturing parts of the city of Mariupol. Intense fighting has also been heard just outside the capital Kyiv, where about half the population has now fled. We hear from an MP who's decided to stay behind with his young family.

Also in the programme: as a new Iran nuclear deal stalls over new Russian demands related to the sanctions over Ukraine, Britain, France and Germany have warned against any attempts to "exploit" the nuclear negotiations.

(Photo: Ukrainian combat medics sort medications at the medical supply base, in Brovary, Kyiv region, Ukraine, 11 March 2022 / Credit: EPA / Roman Pilipey)

SAT 22:00 BBC News (w172xzk2b4xxylv)

The latest five minute news bulletin from BBC World Service.

SAT 22:06 The Newsroom (w172xyzyv20kl3)

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

SAT 22:30 BBC News Summary (w172xzkwrwjm9w7)

The latest two minute news summary from BBC World Service.

SAT 22:32 The Cultural Frontline (w3ct1pv2)

Two years of Covid: The arts reflect

Two years on from the start of the global Covid pandemic, we reflect on artistic reflections from across the arts, and the power of human resilience. On 11 March 2020, the World Health Organisation declared Covid-19 a pandemic, and since then over six million lives have been lost. The world as we knew it has changed.

Documentary-maker Matthew Heineman reflects on filming the unfolding health crisis. In March 2020, as New York shut down, he embedded himself in one of America's hardest-hit hospitals, and for four months filmed medical staff, essential worker patients, and families as they battled with the virus. His Oscar shortlisted film, *The First Wave*, documents the harsh realities of the early pandemic, and the terrible inequalities - but also the incredible strength of the human spirit.

Hollywood's Andrew Garfield on an actor's life silenced during lockdown. The pandemic has had a huge impact on the arts: bringing productions to a halt, closing theatres, cinemas, and live music, and leaving artists without means to perform. It closed down film productions, including Oscar-nominated tick, tick...BOOM! Days into filming, lead actor - the award-winning British-American Andrew Garfield - suddenly found himself alone, without cast or crew to play to. Andrew talks to the BBC's Anna Bailey about how he kept going in those quiet times, got back into filming, and is now up for an Oscar.

Plus, writer Ilaria Bernardini considers the Italian people's cultural response. Italy was the first country in Europe to be overwhelmed by the virus, the first in the world to shut down, and one of the slowest to reopen. During those first weeks of lockdown, the people of Italy united to keep their spirits up, and moving musical performances from balconies went viral. Two years on - from her home in Milan and with Italy still in a State of Emergency - writer Ilaria Bernardini reflects on life under strict lockdown, how artists brought hope in those uncertain

times, and the changes she's seen since.

And the Zimbabwean artist sharing health messages through his sculptures. When the pandemic hit, artist, sculptor, and lawyer David Ngerume decided he could help - through art. He tells us about his stone sculptures of people wearing masks and having vaccines - sculptures he hopes can help stem the spread of Covid, in a part of the world where vaccination rates are low.

Producer: Emma Wallace

(Photo: A still from Matthew Heineman's documentary *The First Wave*: Dr Nathalie Dougé participating in protest. Credit: National Geographic)

SAT 23:00 BBC News (w172xzk2b4xy2bz)

The latest five minute news bulletin from BBC World Service.

SAT 23:06 Music Life (w3ct1hdb)

Know the rules so you can break them, with L'Rain, Keyon Harrold, Hinako Omori and Sinkane

L'Rain, Keyon Harrold, Hinako Omori and Sinkane discuss not getting stuck on the details, the visceral versus the cerebral, why there's nothing like those vibrations in the room where you play, and why writing music is like walking to the shops.

L'Rain is an experimental multi-instrumentalist, songwriter and vocalist from New York, who makes music that is an intoxicating blend of R&B, free jazz, noise music, and orchestral pop. She was also once in an Iron Maiden covers band.

Jazz trumpeter, vocalist, songwriter, and producer Keyon Harrold was born into a musical family of 17 children. He's provided instrumentation for Beyonce, 50 Cent, Jay Z, former Music Life guest Gregory Porter and Mary J Blige, as well as being a trumpet stunt double in the film *Miles Ahead*.

Hinako Omori is a musician and producer with a love for synthesizers who was born in Yokohama, Japan, and is now based in London. She's worked with artists including Kae Tempest, EOB, and Georgia.

You may recognise our host Sinkane's voice, as the Sudanese-American multi-instrumentalist and singer has previously hosted the Music Life show, chatting to the likes of David Byrne, St Vincent, Cautious Clay, Emel Mathlouthi and Vagabon.

SUNDAY 13 MARCH 2022

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SUN 00:06 The Newsroom (w172xyzyv20t2c)

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SUN 00:30 BBC News Summary (w172xzkwrwjm6k)

The latest two minute news summary from BBC World Service.

SUN 00:32 World of Wisdom (w3ct2zwn)

[Repeat of broadcast at 05:32 on Saturday]

SUN 00:50 Over to You (w3ct1i2w)

[Repeat of broadcast at 05:50 on Saturday]

SUN 01:00 BBC News (w172xzk2b4xy9v7)

The latest five minute news bulletin from BBC World Service.

SUN 01:06 The Science Hour (w3ct1ywn)

Why are Covid19 cases rising in Hong Kong?

Hong Kong had been very successful at preventing the spread of Covid19. Testing and isolation measures were very effective. However, vaccine uptake was low amongst elderly people and that says virologist Malik Peiris has now left them vulnerable to the highly infectious Omicron variant.

The bombing of a scientific institute in the Ukrainian city of Kharkiv has echoes of the Stalinist purges says physicist and historical Mikhail Shifman. He tells us how the institute developed as a leading centre for physics in the 1930s, but scientists there fled or were murdered after being targeted by Stalin's regime.

Economic sanctions and other measures designed to isolate Russia are likely to have an impact on Russian participation in international scientific collaborations. Nikolay Voronin from

the BBC's Russian Service gives us his assessment of the immediate impact and, if the conflict continues long term, the potential for Russian science to retreat the kind of isolation last seen during the cold war.

Massage has been used for thousands of years to soothe our aches and pains and help us relax. Today there are a wide array of styles to choose from – Swedish massage, deep tissue, hot stone, sport, Thai, the list goes on. But which techniques are backed up by evidence?

CrowdScience listeners Catherine and Stacy are keen for us to untangle this knotty issue, so presenter Caroline Steel selflessly ventures from her desk to the massage table all in the name of science.

Is there such thing as a muscle 'knot' and can massage help to get rid of them? Does lactate build up in our muscles and need to be released? And why does rubbing sore muscles feel so good? We dig into the physiological and psychological aspects of what's happening in our bodies when we get a massage.

With scientists only beginning to study massage in recent decades, we put the research to the test with our many questions and even a bit of myth-busting. Can massage help us avoid injury or recover faster when we exercise? Does drinking water after a massage flush out toxins? Is self-massage or massage from a friend or family member just as good as that from a professional massage therapist? Can children benefit from massage?

Caroline talks to medical professionals and experts to find out what works when it comes to treating a stiff neck and tight muscles and unpacks the importance of touch in relieving the tensions of modern life.

(Photo: Patients wearing face masks rest at a makeshift treatment area outside a hospital, following a Covid-19 outbreak in Hong Kong, 2 March, 2022. Credit: Tyrone Siu/Reuters)

SUN 02:00 BBC News (w172xzk2b4xyflc)

The latest five minute news bulletin from BBC World Service.

SUN 02:06 The Newsroom (w172xyzyv211km)

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SUN 02:30 BBC News Summary (w172xzkwrwjm5vr)

The latest two minute news summary from BBC World Service.

SUN 02:32 Health Check (w3ct1nwq)

How children think about maths and time

Claudia Hammond explores how children think with two psychologists; Dr Victoria Simms from Ulster University who researches how children's understanding of maths develops and professor Teresa McCormack from Queens University Belfast who researches how children understand time.

The discussion was recorded in front of an audience at the Northern Ireland Science Festival in February 2020.

Presenter: Claudia Hammond

Producer: Caroline Steel

(Photo: A group of preschool children sitting on the floor with their legs crossed and their arms raised in the air. Credit: FatCamera/Getty Images)

SUN 03:00 BBC News (w172xzk2b4xykbh)

The latest five minute news bulletin from BBC World Service.

SUN 03:06 The Documentary (w3ct3jzl)

[Repeat of broadcast at 12:06 on Saturday]

SUN 04:00 BBC News (w172xzk2b4xyp2m)

The latest five minute news bulletin from BBC World Service.

SUN 04:06 From Our Own Correspondent (w3ct1mw9)

The flight from Ukraine

More than two million people have now fled Ukraine because of the Russian invasion and the UN's High Commission for Refugees estimates that a further two million have become displaced inside the country. Fergal Keane is in the city of Lviv where people are trying to find shelter or transport to take them out of Ukraine. He's covered the conflict with Russia and its proxy forces since it began in 2014 and has witnessed the upheaval that many have faced, including those who have become friends.

More than 180 million voters went to the polls in 5 of India's states this week, including the largest in the country, Uttar Pradesh. The state is seen as a bellwether for how the country is likely to vote in the general election in 2024. The governing BJP has retained a firm hold on the state and its Chief Minister, a Hindu-monk-turned politician, Yogi Adityanath, is emerging as a favourite to succeed Prime Minister Narendra Modi. Rajini Vaidyanathan has watched him rise to prominence and finds that he has a strong following.

Zimbabwe's healthcare system was once viewed as one of the best in sub-Saharan Africa. After independence in 1980, the majority of Zimbabweans gained access to education and health care and the country developed a sophisticated public health infrastructure. Infant and maternal mortality rates fell and life expectancy improved. By the 1990s, the economy was faltering, health funding was cut and Government policies failed. Today, doctors and nurses are leaving the country in ever-higher numbers. Shingai Nyoka visited two clinics in the capital Harare, and saw a healthcare system disintegrating.

Set deep in the rugged landscape of south-western France is the medieval village of Lagrasse, which is home to an eight century Abbey. Since 2004, the Abbey has been divided in two parts, one side is occupied by a group of left-leaning intellectuals and the other by a traditional catholic religious order. This arrangement ran relatively smoothly at first until a contretemps over a festival some fifteen years ago. Since then relations have deteriorated, and recently reached a low point over the publication of a book. Chris Bockman went to find out more.

Presenter: Pascale Harter
Producer: Diane Richardson
Editor: Emma Close

(Image: Refugees wait for their transfer to Poland at the train station in Lviv. Credit: Reuters/Kai Pfaffenbach)

SUN 04:30 BBC News Summary (w172zxkwrwj1c0)
The latest two minute news summary from BBC World Service.

SUN 04:32 The Cultural Frontline (w3ct1pv2)
[Repeat of broadcast at 22:32 on Saturday]

SUN 05:00 BBC News (w172zxk2b4xystr)
The latest five minute news bulletin from BBC World Service.

SUN 05:06 The Newsroom (w172xyzyv21dt0)
The world's Newsroom brings you global events as they happen

SUN 05:30 BBC News Summary (w172zxkwrwj534)
The latest two minute news summary from BBC World Service.

SUN 05:32 The Documentary (w3ct40sf)
Sumo's soaring success

Legendary sumo wrestling star Konishiki Yasokichi discovers how the ancient Japanese tradition is being taken up by people all over the world. Konishiki recalls how he was talent scouted while playing on the beach near his home in Hawaii - a life changing experience that would see him become one of the most celebrated sumo wrestlers. His success as the first non-Japanese-born wrestler to reach ozeki, the second-highest possible rank, helped to popularise sumo outside Japan.

He retired in 1997 but sumo continues to inspire and Konishiki hears from people following the Japanese tradition but developing their own style of amateur sumo. He hears from amateur wrestlers training in Derby, England, from a mother and daughter in Sydney who sumo wrestle together and from the Dallas Sumo Club where wrestlers have developed their own style and wear cowboy Stetsons.

Konishiki soaks up the atmosphere at Tokyo's famous Ryōgoku Kokugikan stadium - the home of sumo - and hears how the Japanese dominance of professional sumo has been threatened in recent years by wrestlers from Mongolia. Women remain barred from the pro-tradition in Japan but barriers are breaking down in amateur sumo with wrestlers like 24-year-old Hyori Kon (nicknamed Little Miss Sumo) blazing a trail as she campaigns for equality. Meanwhile the ancient tradition stands on the verge of being accepted as a sport in the Olympic Games.

Producers: Ashley Byrne/Darryl Morris

(Photo: Konishiki Yasokichi)

A Made in Manchester production for BBC World Service

SUN 06:00 BBC News (w172zxk2b4xyxkw)
The latest five minute news bulletin from BBC World Service.

SUN 06:06 Weekend (w172xytq5xn99tz)
Ukraine: Russia encircles cities

Russian forces continue their advance towards several Ukrainian cities, with more intense fighting reported in the northern outskirts of the capital, Kyiv.

Also in the programme: How a ban on Russian oil imports is igniting a thaw in relations between the United States and Venezuela.

Julian Worricker is joined by two guests to discuss their journalism careers and the news and issues of the day. Arzu Geybullina is an Azerbaijani journalist, with a special focus on human rights and press freedom. She is based in Istanbul, Turkey and David Rennie is a British journalist and Beijing Bureau Chief for the Economist newspaper.

(Photo: A member of the Territorial Defence Forces guards a checkpoint, as Russia's invasion of Ukraine continues, at the Independence Square in central Kyiv, Ukraine March 3, 2022. REUTERS/Valentyn Ogirenko)

SUN 07:00 BBC News (w172zxk2b4xz1b0)
The latest five minute news bulletin from BBC World Service.

SUN 07:06 Weekend (w172xytq5xn9f13)
Ukraine: Agony in Mariupol as many try to leave

Many people are struggling to leave the battered city of Mariupol which has been under a blockade and constant shelling from Russian forces, this amid worsening hunger and deprivation.

Also in the programme: The story of a Russian journalist who left her country because she couldn't do her job properly and freely.

Julian Worricker is joined by two guests to discuss their journalism careers and the news and issues of the day. Arzu Geybullina is an Azerbaijani journalist, with a special focus on human rights and press freedom. She is based in Istanbul and David Rennie is a British journalist and Beijing bureau chief for the Economist newspaper.

(Photo: A woman among the walking wounded in the aftermath of shelling / attack / air strike on a maternity and children's hospital, Mariupol, March 9, 2022. Keywords: Aftermath Attacks Attack Conflict Crisis Damage Debris Destroyed Destruction Invasion Missile Rubble Ruin War Wreckage: Photo Provided by Sergei Orlov)

SUN 08:00 BBC News (w172zxk2b4xz524)
The latest five minute news bulletin from BBC World Service.

SUN 08:06 Weekend (w172xytq5xn9kb7)
A review of the week with the latest news.

SUN 08:30 BBC News Summary (w172zxkwrwj1jbj)
The latest two minute news summary from BBC World Service.

SUN 08:32 Weekend (w172xytq5xn9lzj)
Nato to step up Ukraine support but won't take risky steps

Nato Secretary General Jens Stoltenberg says his organisation will offer more support to Ukraine but would not impose a No Fly Zone or deploy troops or planes on the ground. He said doing so is likely going to trigger a fully-fledged war.

Also, we hear from Oleksandr Danylyuk Ukraine's former national security chief, now working with the civilian territorial defence mission plus a chat with one of the country's greatest creative voices, novelist Andrei Kurkov.

Julian Worricker is joined by Arzu Geybullina, an Azerbaijani journalist with a special focus in human rights and press freedom, and David Rennie, a British journalist and Beijing bureau chief for the Economist newspaper.

(Photo: Nato Secretary General Jens Stoltenberg during an interview with Reuters on the sidelines of the Antalya Diplomacy Forum, Antalya, Turkey. Credit: Murad Sezer/Reuters)

SUN 09:00 BBC News (w172zxk2b4xz818)
The latest five minute news bulletin from BBC World Service.

SUN 09:06 The Newsroom (w172xyzyv21wsj)
The world's Newsroom brings you global events as they happen

SUN 09:30 BBC News Summary (w172zxkwrwj2n)
The latest two minute news summary from BBC World Service.

SUN 09:32 Outlook (w3ct1kyc)
The Canadian cop who uncovered a police scandal

Ernie Louttit was a rare thing in the 1980s - a police officer and Cree, one of Canada's many First Nations groups. He also had a reputation for re-opening case files on First Nations people that his colleagues had closed. When Ernie discovered that a case of a teenager, who had been found frozen to death, had been concluded without much investigation he knew he had to do more. He tells Neal Razzell about the aftershocks for his own career and for policing in Canada. Ernie's book is called: The Unexpected Cop: Indian Ernie on a Life of Leadership.

The programme was first broadcast in February 2020.

Presenter: Neal Razzell
Producer: Deiniol Buxton

Picture: Ernie Louttit
Credit: Ernie Louttit

SUN 10:00 BBC News (w172zxk2b4xzdkd)
The latest five minute news bulletin from BBC World Service.

SUN 10:06 Deeply Human (w3ct3hgx)
Deeply Human Series 2

Dress Codes

Why do we care so much about what people wear?

An etiquette adviser, a civil rights lawyer, and an Iranian activist walk into a podcast studio...

Think twice before dismissing fashion as frivolity. Dress codes are about power - and they're sometimes contentious enough to incite anger, legal battles, and even violence.

SUN 10:30 BBC News Summary (w172zxkwrwjnrts)
The latest two minute news summary from BBC World Service.

SUN 10:32 Heart and Soul (w3ct3jzm)
Germany's turbulent priest

The German Catholic church is one of the most influential and richest in the world. It is at the epicentre of Catholic theology, debates over the future of the church, and the sexual abuse scandals that have rocked the Catholic faith all over the world. Revelations over priests accused of child sexual abuse being protected from consequences by church institutions continue to emerge, with a recent bombshell report even linking Pope Benedict with the scandal from his time in Germany. Many are losing confidence in the church's ability to adapt, and are leaving Catholicism for good.

Wolfgang Rothe is one of a new generation of Catholic thinkers; he does things from his Parish in Bavaria that for many are still unthinkable. He presides over blessings for same sex couples, gives women the opportunity to preach in his church, and advocates for an end to celibacy for priests. He has also become something of a celebrity on social media, bringing his campaign to a wider audience. He hopes that by keeping up with modern values, the Catholic Church can win back an increasingly disillusioned generation of German worshippers.

BBC correspondent Damien McGuinness heads to Munich to meet Wolfgang, exploring what his movement is trying to do, and the immense ructions its causing in the Catholic world, where the church's traditional values are still sacrosanct. As Wolfgang's mission gains momentum, it could tear the whole church in two.

Presenter: Damien McGuinness
Producer: Robert Nicholson

A Whistledown production for the BBC World Service

SUN 11:00 BBC News (w172zxk2b4xzj9j)
The latest five minute news bulletin from BBC World Service.

SUN 11:06 The Newsroom (w172xyzyv2248s)
The world's Newsroom brings you global events as they happen

SUN 11:30 BBC News Summary (w172zxkwrwjnwks)
The latest two minute news summary from BBC World Service.

SUN 11:32 The Compass (w3ct3jzg)

Emotional Baggage

Emotional Baggage: Dina Nayeri

Psychiatrist Henrietta Bowden-Jones talks to novelist Dina Nayeri about her experience of escaping Iran and seeking asylum. The author of *The Ungrateful Refugee* reveals why she left her homeland without her father, her "co-conspirator in life", and why that sense of loss that has always stayed with her.

(Photo: Iranian American novelist Dina Nayeri during the Edinburgh International Book Festival 2019, Scotland. Credit: Roberto Ricciuti/Getty Images)

SUN 12:00 BBC News (w172xzk2b4xzn1n)
The latest five minute news bulletin from BBC World Service.

SUN 12:06 World Questions (w3ct40sh)
[Repeat of broadcast at 19:06 on Saturday]

SUN 13:00 BBC News (w172xzk2b4xzs)
The latest five minute news bulletin from BBC World Service.

SUN 13:06 Newshour (w172xv5mw15gr3d)
Russia widens assault to hit Ukrainian military base near Polish border

Ukraine says up to 30 Russian missiles were fired at a military training base in the west of the country. We hear from our correspondent in the nearby city of Lviv, and from the mayor of the city, Andriy Sadovyi.

Also in the programme, an Iranian attack on the city of Erbil in Iraqi Kurdistan. We speak to a journalist in Erbil.

(PHOTO: Military Chaplain Nikolay Medynsky reads a prayer before blessing Ukrainian servicemen and their weapons before they go into battle, as Russia's attack on the Ukraine continues, in Kyiv, Ukraine, March 13, 2022. REUTERS/Thomas Peter)

SUN 14:00 BBC News (w172xzk2b4xzwjx)
The latest five minute news bulletin from BBC World Service.

SUN 14:06 The Forum (w3ct1rmm)
The invention of numbers

Try and imagine a world without numbers. Telling people how many siblings you have, counting your wages or organising to meet a friend at a certain time would all be much more difficult. If you're reading this on a digital screen, even these words are produced through a series of zero and one symbols. We take them so much for granted yet some cultures don't count and some languages don't have the words or symbols for numbers. This programme looks at when and why humans first started start to count, where the symbols many of us use today originate from and when concepts like zero and infinity came about.

Joining Bridget Kendall to explore the history of numbers and counting are anthropological linguist Caleb Everett from the University of Miami, writer and historian of mathematics Tomoko Kitagawa, and Emeritus Professor of Mathematics at Warwick University in the UK, Ian Stewart.

Photo: An abacus on a table.(CaoChunhai/Getty Images)

SUN 14:50 Over to You (w3ct1l2w)
[Repeat of broadcast at 05:50 on Saturday]

SUN 15:00 BBC News (w172xzk2b4y0091)
The latest five minute news bulletin from BBC World Service.

SUN 15:06 Music Life (w3ct1hdb)
[Repeat of broadcast at 23:06 on Saturday]

SUN 16:00 BBC News (w172xzk2b4y0415)
The latest five minute news bulletin from BBC World Service.

SUN 16:06 Sportsworld (w172y0t513j6rrz)
Live Sporting Action

Shabnam Younus-Jewell presents full match commentary of Arsenal against Leicester plus we'll have reaction from the day's five other Premier League games.

We'll have the latest from the Women's Cricket World Cup and reaction to the final day of action at the Winter Paralympics in Beijing.

Image: Arsenal's Ben White and Leicester City's Jamie Vardy during the Premier League match between Leicester City and Manchester United at The King Power Stadium on October 16, 2021 in Leicester, England. (Photo by Stephen White - CameraSport via Getty Images)

SUN 19:00 BBC News (w172xzk2b4y0h8k)
The latest five minute news bulletin from BBC World Service.

SUN 19:06 The Newsroom (w172xyzyv2337t)
The world's Newsroom brings you global events as they happen

SUN 19:30 BBC News Summary (w172xzkwrwjpvjy)
The latest two minute news summary from BBC World Service.

SUN 19:32 Tech Tent (w3ct1njd)
[Repeat of broadcast at 00:32 on Saturday]

SUN 20:00 BBC News (w172xzk2b4y0m0p)
The latest five minute news bulletin from BBC World Service.

SUN 20:06 Newshour (w172xy5mw15h1b9)
Ukraine:Mariupol death toll passes 2,000

As the death toll passes 2,000 in Mariupol - what's happening in the besieged Ukrainian port city? And after Ukraine says up to 30 Russian cruise missiles were fired at a military training base near the border with NATO member Poland, we hear from the mayor of nearby Lviv.

Also in the programme: a report from the small Polish border town that has welcomed thousands of Ukrainian refugees, including many children; and as the West looks to reduce its reliance on Russian energy, is detente possible between the United States and Venezuela?

(Photo: Ukrainian President Volodymyr Zelensky handing awards to injured servicemen at a military hospital in Kyiv, Ukraine, 13 March 2022 / Credit: EPA / government handout)

SUN 21:00 BBC News (w172xzk2b4y0qrt)
The latest five minute news bulletin from BBC World Service.

SUN 21:06 Newshour (w172xy5mw15h2f)
Interviews, news and analysis of the day's global events.

SUN 22:00 BBC News (w172xzk2b4y0vhy)
The latest five minute news bulletin from BBC World Service.

SUN 22:06 The Newsroom (w172xyzyv23gh6)
The world's Newsroom brings you global events as they happen

SUN 22:30 BBC News Summary (w172xzkwrwj6sb)
The latest two minute news summary from BBC World Service.

SUN 22:32 Outlook (w3ct1kye)
[Repeat of broadcast at 09:32 today]

SUN 23:00 BBC News (w172xzk2b4y0z82)
The latest five minute news bulletin from BBC World Service.

SUN 23:06 Deeply Human (w3ct3hgx)
[Repeat of broadcast at 10:06 today]

SUN 23:30 BBC News Summary (w172xzkwrwj6bjg)
The latest two minute news summary from BBC World Service.

SUN 23:32 Comedians vs. the News (w3ct3jst)
Comedians vs the News Live in New York!

American writer and satirist Josh Gondelman and Indian comedian Zarna Garg join Jess and Eman to take on the international headlines in front of a live audience in New York.

They're finding out just what New York's new mayor has planned, and asking why a generation of Indian kids are the best in the world at chess.

Join #ComediansvsThenews for the funniest take on the headlines you've heard this week.

MONDAY 14 MARCH 2022

MON 00:00 BBC News (w172xzk2pf74y8c)
The latest five minute news bulletin from BBC World Service.

MON 00:06 The Newsroom (w172xyy0b3c7k7m)
The world's Newsroom brings you global events as they happen

MON 00:30 BBC News Summary (w172xzkx44tv9jr)
The latest two minute news summary from BBC World Service.

MON 00:32 Heart and Soul (w3ct3jzm)
[Repeat of broadcast at 10:32 on Sunday]

MON 01:00 BBC News (w172xzk2pf7520h)
The latest five minute news bulletin from BBC World Service.

MON 01:06 World Business Report (w172xzkqkfwjp5r)
The US warns China against financially aiding Russia

For two weeks, Western countries have been ramping up restrictions on trade with Russia. As these start to bite into Moscow's economy, the US National Security Adviser has issued a warning to China. Ahead of a meeting with Beijing's top Foreign Policy Official in Rome on Monday, Jake Sullivan said China would 'absolutely' face consequences if it helped Moscow to evade or backfill sanctions. We spoke to Dr Bhavna Dave is a Senior Lecturer in Central Asian Politics at the School of Oriental and African Studies and asked her about the relationship between Beijing and Moscow.

Next, we discuss the enormous numbers of people who have been fleeing Ukraine, in an effort to escape the fighting with Konstantin Sonin - a Russian Economist, and a Professor at the University of Chicago.

We then asked our regular analyst Michael Hughes if with the supplies of Russian oil and gas now set to run dry - would other countries step up to supply Europe?

Then we go to the BBC's North America business correspondent Michelle Fleury. She spoke to The head of America's largest natural gas producer, EQT. He said he believes the US could replace Russian natural gas there.

Next, Dr Selam Kidane is an Eritrean Psychology lecturer at the University of West London and a human rights activist. We asked her about Eritrea's relationship with the UN and Russia in light of the country refusing to sanction Russia.

Lastly - In many markets, there is a campaign to stop Russian channels from broadcasting what's being called propaganda pertaining to the Ukraine crises. In Europe, RT has already disappeared from satellite services - and in Canada a group of Russian language journalists have signed a letter demanding that the government bans outlets controlled by the Kremlin from their airwaves. Alla Kadysh is a Russian radio and podcast host in Toronto, wrote the letter.

Producer: Gabriele Shaw | Presenter: David Harper

(IMAGE: a US and China flag. CREDIT: GETTY)

MON 01:30 BBC News Summary (w172xzkx44tvf8w)
The latest two minute news summary from BBC World Service.

MON 01:32 Discovery (w3ct3jzd)
Tooth and Claw: Army ant

The army ant might be small enough to squash under foot but, make no mistake, it's a formidable predator. When they club together in their thousands they are a force to be reckoned with. Picture a tiger, comprised of hundreds of thousands of tiny ant-sized units, prowling through the forest and you start to get the idea. They'll take down anything in their path, from spiders and scorpions to chickens that can't escape them. There are even grisly stories of African army ants attacking people. But this predator has its uses too - they can be used to stitch wounds and offer a house cleaning service too.

Dr Dino Martins, Executive Director of the Mpala Research Centre in Kenya, and Lecturer at Princeton University, and Daniel Kronauer, Associate Professor studying complex social evolution and behaviour at the Rockefeller University in New York.

Producer: Beth Eastwood
Presenter: Professor Adam Hart

Photo credit: Daniel Kronauer

MON 02:00 BBC News (w172xzk2pf755rm)

The latest five minute news bulletin from BBC World Service.

MON 02:06 The Newsroom (w172xy0b3c7sqw)

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

MON 02:30 BBC News Summary (w172xzk44tk10)

The latest two minute news summary from BBC World Service.

MON 02:32 The Climate Question (w3ct2drz)

Can animals evolve to deal with climate change?

As climate change brings rising temperatures, droughts and shifting patterns of rainfall, animals are adapting to keep pace. Bird's bodies are growing smaller, their wingspan longer, lizards are growing larger thumb pads to help them grip more tightly in hurricane strength winds, beak size is changing.

We visit the Galapagos, where evolution was first discovered by Charles Darwin, and investigate the many ways animals are adapting their behaviour and physiology to survive the impact of climate change. Changes to climate are also influencing animals' genetics, meaning that we are seeing species evolve within our own lifetime.

However, most animals won't be able to adapt quickly enough to cope with the speed they need to in order to survive in a warming world.

Presenters Jordan Dunbar and Kate Lambie look at what role evolution plays in helping animals adapt to climate change.

Contributors:

Kiyoko Gotanda, Assistant Professor at Brock University
Ramiro Tomala, Expedition leader, Metropolitan Touring in the Galapagos

Thor Hanson, conservationist and author of Hurricane Lizards and Plastic Squid

Anne Charmantier, Director of Research at Centre d'Ecologie Fonctionnelle et Evolutive (CEFE), Montpellier

With thanks to research carried out by Colin Donihue of Institute at Brown for Environment and Society.

Producer: Dearbhail Starr

Reporter: Mark Stratton

Series Producer: Alex Lewis

Editor: Nicola Addyman

Production Coordinators: Sophie Hill and Siobhan Reed

Sound Engineer: Tom Brignell

MON 03:00 BBC News (w172xzk2pf759hr)

The latest five minute news bulletin from BBC World Service.

MON 03:06 Deeply Human (w3ct3hgx)

[Repeat of broadcast at 10:06 on Sunday]

MON 03:30 BBC News Summary (w172xzk44tvs4)

The latest two minute news summary from BBC World Service.

MON 03:32 The Explanation (w3ct3tpx)

[Repeat of broadcast at 09:32 on Saturday]

MON 03:50 More or Less (w3ct2dlg)

Does the UK take in more refugees than other European countries?

As the war in Ukraine continues, Reuters has reported that some 2.3 million people have been displaced. So far many of those have sought refuge in neighbouring countries. The UN estimates that as of the 8th of March Poland has taken in almost 1.3 million refugees, Hungary just over 200,000 and Slovakia almost 100,000.

In comparison the UK has issued visa's to just under 1000 people. Some say this isn't enough, however, Prime Minister Boris Johnson defended the governments record claiming that ""We've done more to resettle vulnerable people than any other European country since 2015." Sound familiar? Join us on a journey back to 2020 to find out whether this is accurate or just a repeated misleading claim.

(Polish soldier helps families to cross the Ukrainian-Polish border on March 10, 2022. Credit: Louisa Gouliamaki /Getty Images.)

MON 04:00 BBC News (w172xzk2pf75f7w)

The latest five minute news bulletin from BBC World Service.

MON 04:06 The Newsroom (w172xy0b3c8174)

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

MON 04:32 Newsday (w172xv35xnljxx)

Mariupol: More than 2,100 citizens have been killed according to city council

On day 19 of the Russian invasion of Ukraine, fighting continues in many areas of the country. Russia continues to advance in some areas, but seems to be held up in others.

We hear from the Mayor of Mykolaiv a port city on the south coast of Ukraine which has been bombed for over a week by Russia. The city has been taken over by Russian troops, and the city of Odessa which is awaiting an attack.

Also, we hear from Mozambique that is dealing with the aftermath of cyclone Gombe after winds exceeding 200kmh pummelled the north and central areas of the country on Friday.

MON 05:00 BBC News (w172xzk2pf75k00)

The latest five minute news bulletin from BBC World Service.

MON 05:06 Newsday (w172xv35xnlm0r)

Renewed plea to Nato to impose a no-fly zone over Ukraine

We're continuing our coverage of the war in Ukraine here on Newsday. It's day 19 of Russia's invasion of the country, we'll bring you the latest news stories as Russian forces continue to bombard cities across the country.

More talks between Russia and Ukraine are scheduled for today, the latest in a series of meetings to find an end to the fighting, is there hope for peace any time soon?

We'll go live to the besieged city of Sumy, close to the Russian border, which is still being fought over.

And we'll hear from Poland - the country with the majority of Ukrainian refugees.

MON 06:00 BBC News (w172xzk2pf75nr4)

The latest five minute news bulletin from BBC World Service.

MON 06:06 Newsday (w172xv35xnlqrw)

Ukraine says 140,000 civilians have been evacuated from some front line locations

Coming up: On day 19 of Russia's invasion of Ukraine, we'll look at how it's intensifying it's bombardment of cities and villages of Ukraine.

Also the Ukrainian President once again calls for NATO to impose a no-fly zone, saying that if it doesn't: "it's only a matter of time" before Russian bombs fall on their territory.

Talks between Russia and Ukraine are set to resume today with Ukraine's government team saying Russia is beginning to engage constructively.

MON 07:00 BBC News (w172xzk2pf75sh8)

The latest five minute news bulletin from BBC World Service.

MON 07:06 Newsday (w172xv35xnlvj0)

Ukraine: Towns and villages destroyed as Russian forces advance

On Newsday we hear from the city of Sumi, which has been under attack from Russian forces since the start of the war.

Russian troops continue to move closer to the capital Kyiv - we go live to our correspondent there.

Poland has taken most refugees from the war, is it worried of the conflict spreading beyond Ukrainian borders?

And we have a report on the disinformation being fed to Russians.

MON 08:00 BBC News (w172xzk2pf75x7d)

The latest five minute news bulletin from BBC World Service.

MON 08:06 The Climate Question (w3ct2drz)

[Repeat of broadcast at 02:32 today]

MON 08:30 BBC News Summary (w172xzk44t8hs)

The latest two minute news summary from BBC World Service.

MON 08:32 Business Daily (w3ct1j66)

Emotional and financial complications of fundraising during war

As Russia's war in Ukraine continues, people across the country prepare for the possibility of a long, drawn out conflict. Some, are determined to help their loved ones survive. But sending aid to a war zone isn't easy. Not just because access to cash locally is often hard to come by, but rules around fundraising are complicated.

Olia Hercules, cookbook author and chef, explains how, over the past two weeks, she's rushed to fundraise and send protective gear to her brother fighting on the front lines in Kyiv. Like so many others, she ran into problems getting money where it needed to go. James Maloney, a partner at London-based law firm Farrer & Co. tells of the legal parameters charities can operate and fundraise for relief efforts. And, we hear from Mike Noyes, director of humanitarian aid at Action Aid UK who is leading the effort to help women and children fleeing the war at Ukraine's border with Poland.

Photo: Victoria Craig/BBC

Olia Hercules sits with her friends, showing them a video message from her brother after he received protective supplies she raised funds to procure and send him.

MON 08:50 Witness History (w3ct1x29)

The Frauenkirche - Dresden's symbol of war and reconstruction

In 2005 Dresden's Lutheran church, the Frauenkirche, opened its doors to the public for the first time in 60 years. The Frauenkirche in the East German city of Dresden was destroyed in 1945 by British and American bombing. The church remained in ruins for over 40 years. Then, in 1993, a painstaking project began to piece the church back together and restore it to its former glory. Josephine Casserly talks to Thomas Gottschlich who was one of the architects leading the reconstruction.

PHOTO: Ruins of the Frauenkirche in Dresden, Germany after the WWII bombing in 1945. (Probst/Ullstein Bild via Getty Images)

MON 09:00 BBC News (w172xzk2pf760zj)

The latest five minute news bulletin from BBC World Service.

MON 09:06 The Newsroom (w172xy0b3c8mys)

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

MON 09:30 BBC News Summary (w172xzk44tdw7x)

The latest two minute news summary from BBC World Service.

MON 09:32 CrowdScience (w3ct1prw)

Does massage work?

Massage has been used for thousands of years to soothe our aches and pains and help us relax. Today there are a wide array of styles to choose from - Swedish massage, deep tissue, hot stone, sport, Thai, the list goes on. But which techniques are backed up by evidence?

CrowdScience listeners Catherine and Stacy are keen for us to untangle this knotty issue, so presenter Caroline Steel selflessly ventures from her desk to the massage table all in the name of science.

Is there such thing as a muscle 'knot' and can massage help to get rid of them? Does lactate build up in our muscles and need to be released? And why does rubbing sore muscles feel so good? We dig into the physiological and psychological aspects of what's happening in our bodies when we get a massage.

With scientists only beginning to study massage in recent decades, we put the research to the test with our many questions and even a bit of myth-busting. Can massage help us avoid injury or recover faster when we exercise? Does drinking water after a massage flush out toxins? Is self-massage or massage from a friend or family member just as good as that from a professional massage therapist? Can children benefit from massage?

Caroline talks to medical professionals and experts to find out what works when it comes to treating a stiff neck and tight muscles and unpacks the importance of touch in relieving the tensions of modern life.

Presented by Caroline Steel and produced by Sam Baker for BBC World Service.

Featuring:

- Cecilia Ljunggren, London School of Massage
- Mark Tarnopolsky, McMaster University
- Tiffany Field, Touch Research Institute, University of Miami

Health System

● Wichai Eungpinichpong, Department of Physical Therapy, Khon Kaen University

[Image credit: Getty Images]

MON 10:00 BBC News (w172xzk2pf764qn)

The latest five minute news bulletin from BBC World Service.

MON 10:06 The Cultural Frontline (w3ct1pv2)

[Repeat of broadcast at 22:32 on Saturday]

MON 10:30 BBC News Summary (w172xzk44twj01)

The latest two minute news summary from BBC World Service.

MON 10:32 World of Wisdom (w3ct2zwn)

[Repeat of broadcast at 05:32 on Saturday]

MON 10:50 More or Less (w3ct2dlg)

[Repeat of broadcast at 03:50 today]

MON 11:00 BBC News (w172xzk2pf768gs)

The latest five minute news bulletin from BBC World Service.

MON 11:06 The Newsroom (w172xyy0b3c8wg1)

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

MON 11:30 BBC News Summary (w172xzk44twmr5)

The latest two minute news summary from BBC World Service.

MON 11:32 The Conversation (w3ct1p9z)

Women shooting award-winning movies

Kim Chakanetsa meets two pioneering cinematographers who bring stories about women to the big screen.

Rachel Morrison is the first female cinematographer to be nominated for an Oscar for her work on *Mudbound*, and she's the only woman who's ever shot a superhero blockbuster movie (*Black Panther*). Rachel now focuses on strong female characters: she worked on *Seberg*, a biopic on the iconic actor Jean Seberg, and is currently shooting a movie about Claressa 'T-Rex' Shields, the first woman to win an Olympic gold for boxing.

Lilia Sellami is a French and Tunisian director of photography and camera operator. She worked on international Hollywood productions, like *Star Wars* and *Men in Black*. She is now based in Northern Africa where she collaborates with female directors to tell the stories of women fighting for their rights. A feature she's recently worked on, *Dying to Divorce*, was the UK's official entry for the Best International Feature Film category at the 2022 Academy Awards.

Produced by Alice Gioia

(Image: (L), Rachel Morrison, credit Rachel Porter. (R), Lilia Sellami, courtesy of Lilia Sellami)

MON 12:00 BBC News (w172xzk2pf76d6x)

The latest five minute news bulletin from BBC World Service.

MON 12:06 Outlook (w3ct1lvj)

Driven by jealousy: The Chippendales murder plot

Emily Webb explores the origins of *The Chippendales* with its co-founder and former lawyer Bruce Nahin. It started as a weekly club night in Los Angeles where male dancers stripped for women and it became a global sensation. But greed and jealousy would lead to scandal and murder.

Get in touch: outlook@bbc.com

Presenter: Emily Webb
Producer: Deiniol Buxton

(Photo: Silhouettes of Chippendales performers in cowboy hats. Credit: Gabe Ginsberg/WireImage/Getty Images)

MON 12:50 Witness History (w3ct1x29)

[Repeat of broadcast at 08:50 today]

MON 13:00 BBC News (w172xzk2pf76hz1)

The latest five minute news bulletin from BBC World Service.

MON 13:06 The Newsroom (w172xyy0b3c93y9)

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

MON 13:30 BBC News Summary (w172xzk44tw7f)

The latest two minute news summary from BBC World Service.

MON 13:32 CrowdScience (w3ct1prw)

[Repeat of broadcast at 09:32 today]

MON 14:00 BBC News (w172xzk2pf76mq5)

The latest five minute news bulletin from BBC World Service.

MON 14:06 Newshour (w172xv5n7vgpm0s)

New Russian-Ukrainian talks underway

The fourth round of talks between Russia and Ukraine have begun. Kyiv's lead negotiator, Mikhaïlo Podolyak, described negotiations as "hard". He went on to say he believed Russia "still has a delusion that 19 days of violence against (Ukrainian) peaceful cities is the right strategy."

NewsHour's Tim Franks joins the programme live from Lviv.

Also in the programme: We hear from former Ukrainian President Petro Poroshenko; and drastic changes to global energy supply plans.

(Photo: Ukrainian military personnel prepare for a change of guard, in their room at an army barracks, as Russia's invasion of Ukraine continues, in Odessa, Ukraine, March 14, 2022. CREDIT: REUTERS/Nacho Doce)

MON 14:59 The Commonwealth Service (w3ct3kky)

The Commonwealth Service

Delivering a Common Future.

A service of Celebration live from Westminster Abbey on Commonwealth Day. In this, Her Majesty The Queen's Platinum Jubilee year, the music and spoken words focus on the role that service plays in the lives of people and communities across the 54 Commonwealth countries.

MON 16:00 BBC News (w172xzk2pf76w6f)

The latest five minute news bulletin from BBC World Service.

MON 16:06 BBC OS (w172xyy1rrbnw4w)

2022/03/14 16:06 GMT

BBC OS gives a vibrant account of the day's events with explanation and reaction from those involved.

MON 17:00 BBC News (w172xzk2pf76zyk)

The latest five minute news bulletin from BBC World Service.

MON 17:06 BBC OS (w172xyy1rrbnzx0)

2022/03/14 17:06 GMT

BBC OS gives a vibrant account of the day's events with explanation and reaction from those involved.

MON 18:00 BBC News (w172xzk2pf773pp)

The latest five minute news bulletin from BBC World Service.

MON 18:06 BBC OS (w172xyy1rrbp3n4)

2022/03/14 18:06 GMT

BBC OS gives a vibrant account of the day's events with explanation and reaction from those involved.

MON 19:00 BBC News (w172xzk2pf777ft)

The latest five minute news bulletin from BBC World Service.

MON 19:06 The Newsroom (w172xyy0b3c9vf2)

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

MON 19:30 BBC News Summary (w172xzk44txlq6)

The latest two minute news summary from BBC World Service.

MON 19:32 Sport Today (w172y0nvr06b385)

2022/03/14 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 (w172xzk2pf77c5y)

The latest five minute news bulletin from BBC World Service.

MON 20:06 Newshour (w172xv5n7vgqbhk)

Interviews, news and analysis of the day's global events.

MON 21:00 BBC News (w172xzk2pf77gy2)

The latest five minute news bulletin from BBC World Service.

MON 21:06 Newshour (w172xv5n7vgqgp)

Rare evacuation convoy leaves bombed Ukrainian port of Mariupol

The authorities in the besieged Ukrainian city of Mariupol say a convoy of around 160 civilian vehicles has managed to leave the city. The deputy mayor said it was made up of private citizens desperate to escape the Russian bombardment and the now catastrophic conditions. We hear from an advisor to the Mayor of Mariupol.

We're also in the capital Kyiv, the western city of Lviv and we go to Moscow where the voices of anti-war protesters are being driven underground.

(Photo: A satellite image shows a view of fires in an industrial area in the western section of Mariupol. 12/03/2022 Maxar Technologies/Handout via Reuters)

MON 22:00 BBC News (w172xzk2pf77lp6)

The latest five minute news bulletin from BBC World Service.

MON 22:06 The Newsroom (w172xyy0b3cb6ng)

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

MON 22:30 BBC News Summary (w172xzk44txyyl)

The latest two minute news summary from BBC World Service.

MON 22:32 World Business Report (w172yrcwnq9s294)

Russia blocks Instagram

Despite 80 million users in the country, Russia has blocked the social network Instagram. The move came after Instagram's parent company Meta said some users could call for violence against Russian soldiers. Joe Tidy is the BBC's cyber security reporter, and tells us why Instagram has been so popular in Russia. Also in the programme, Russia is supposed to make a regular interest payment on its government bonds later this week. But faced with Western sanctions, authorities have said they may pay in roubles rather than US dollars, which could mean a technical default for the country. Adam Samson is markets news editor at the Financial Times, and explains the implications. Plus, the BBC's Victoria Craig reports on the challenges faced by those seeking to send aid to a war zone, such as Ukraine.

(Picture: An Instagram logo and Russian flag. Picture credit: Getty Images.)

MON 23:00 BBC News (w172xzk2pf77qfb)

The latest five minute news bulletin from BBC World Service.

MON 23:06 The Climate Question (w3ct2drz)

[Repeat of broadcast at 02:32 today]

MON 23:30 BBC News Summary (w172xzk44ty2pq)

The latest two minute news summary from BBC World Service.

MON 23:32 The Conversation (w3ct1p9z)

[Repeat of broadcast at 11:32 today]

TUESDAY 15 MARCH 2022

TUE 00:00 BBC News (w172xzk2pf77v5g)

The latest five minute news bulletin from BBC World Service.

TUE 00:06 The Newsroom (w172xyy0b3cbg4q)

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

TUE 00:30 BBC News Summary (w172xzk44ty6fv)

The latest two minute news summary from BBC World Service.

TUE 00:32 Discovery (w3ct3jzf)

Tooth and Claw: Wolves

We look at wolves and the programme is a little different, because the predator we're talking about is very much a predator of our imaginations. Wolves are the spirit of the wilderness, but they also symbolize the darker side of human nature, and many myths and legends surround the wolf from all around the world.

Our fear of the wolf may be primeval, but it is still very much alive and well. The idea that wolves could be reintroduced in Scotland led to headlines about the British Queen's pet corgis being eaten...

So today, as well as hearing about the real animals, we ask why wolves occupy this special place in our imagination, and whether the real and the imaginary overlap with Dr Elizabeth Dearnley, a folklorist and writer based in Edinburgh and Dr Giulia Bombieri from the Museum of Science in Trento, Giulia works with the Life WolfAlps project, tracking and protecting Italian wolves.

Presenter: Adam Hart
Producer: Geraldine Fitzgerald

Picture credit: Giulia Bombieri

TUE 01:00 BBC News (w172xzk2pf77yxl)

The latest five minute news bulletin from BBC World Service.

TUE 01:06 Business Matters (w172xvqwk545b79)

China's shares slump on coronavirus and Ukraine war

The cost of living continues to increase - we speak with the head of economic statistics at the UK's Office of National Statistics, Sam Beckett. Meanwhile, Chinese stocks plummet on Ukraine and Russia's war, and coronavirus, says US shares expert Peter Jankovskis in the US. Plus, we speak with Roman Waschuk, a businessman who fled Ukraine and is now residing in Poland, about how businesses are adapting to the invasion. Plus, the BBC's James Clayton updates us on the latest on the technology companies withdrawing operations from Russia. We discuss all this live with Patrick Barta, Asia Enterprise Editor for the Wall Street Journal in Asia and Alison Schragger, Senior Fellow at the Manhattan Institute in New York. Produced by Nisha Patel and Paarea Masud.

(Image: A pedestrian walks by an electronic screen displaying the Hang Seng Index on March 8, 2022 in Hong Kong. Photo by Chen Yongnuo/China News Service via Getty Images)

TUE 02:00 BBC News (w172xzk2pf782nq)

The latest five minute news bulletin from BBC World Service.

TUE 02:06 The Newsroom (w172xyy0b3cbpmz)

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

TUE 02:30 BBC News Summary (w172xzk44tyfy3)

The latest two minute news summary from BBC World Service.

TUE 02:32 The Documentary (w3ct40tc)

Bougainville's long road to independence

How do you create a nation from the ruins of conflict and neglect? It is the question asked by local journalist, Louiseanne Laris, as her home island of Bougainville prepares to become the world's newest country.

Bougainville lies on the very eastern edge of the Pacific country of Papua New Guinea. It is a lush tropical island, rich in natural resources and minerals with a long history of colonisation and occupation. In the 1980s, tension over a massive foreign-owned copper and gold mine led to a 10-year civil war between local rebels and government forces. Thousands were killed and displaced by the fighting. When peace was finally brokered, Bougainvilleans demanded a referendum on their future.

In 2019 this finally happened. More than 98% of Bougainville's population voted to separate from Papua New Guinea and become fully independent. Still scarred by the conflict, people are struggling to rebuild their lives and the country around them. They want justice, economic opportunities and assurances of safety. But how can Bougainville meet these demands? And does the island have the capacity to govern itself after years of neglect?

(Photo: Bougainville residents queue to vote at a polling station in an historical independence vote in Buka on 23 November, 2019. Credit: Ness Kerton/AFP/Getty Images)

TUE 03:00 BBC News (w172xzk2pf786dv)

The latest five minute news bulletin from BBC World Service.

TUE 03:06 Outlook (w3ct1jv)

[Repeat of broadcast at 12:06 on Monday]

TUE 03:50 Witness History (w3ct1x29)

[Repeat of broadcast at 08:50 on Monday]

TUE 04:00 BBC News (w172xzk2pf78b4z)

The latest five minute news bulletin from BBC World Service.

TUE 04:06 The Newsroom (w172xyy0b3cby47)

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

TUE 04:30 BBC News Summary (w172xzk44typfc)

The latest two minute news summary from BBC World Service.

TUE 04:32 Newsday (w172xv35xnpfv0)

Civilians attempt to exit Mariupol through humanitarian corridors

We hear about a dangerous evacuation from Mariupol. Also, we hear from a doctor trying to cope as the bullets and shells fly and our correspondent reports from the capital Kyiv, which is preparing for a siege. Plus, how drones are changing the picture on the battlefield.

TUE 05:00 BBC News (w172xzk2pf78fx3)

The latest five minute news bulletin from BBC World Service.

TUE 05:06 Newsday (w172xv35xnpfv0)

Ukraine: Public defiance in Russia shows how divided citizens are

The US says the Russian military advance has stalled - but several major cities are encircled. We head to one of them under Russian occupation - Kherson - where a Nigerian student describes the conditions there and calls for action on evacuations.

We hear about dissent in Russia too - from a dramatic interruption on live TV to those helping arrested protesters get legal advice.

We find out how Ukraine's health system is coping under the Russian assault. And hear how Poland is coping with almost two million Ukrainian refugees too.

TUE 06:00 BBC News (w172xzk2pf78kn7)

The latest five minute news bulletin from BBC World Service.

TUE 06:06 Newsday (w172xv35xnpvmnz)

Ukrainian Armed Forces report Russia has not made further advancements

According to a US official, Russian military remains stalled after making small progress over the weekend and the Kremlin is struggling to make headway on the social media front too.

An anti-war protester has disrupted the evening news on one of Russia's main TV channels. She is reported to have been arrested.

We speak to a spokesperson from the UN Refugee Agency about 1.5 million refugees who are now in Poland.

And Newsday will ask why Vladimir Putin put a Russian spy chief and his deputy under house arrest?

TUE 07:00 BBC News (w172xzk2pf78pdc)

The latest five minute news bulletin from BBC World Service.

TUE 07:06 Newsday (w172xv35xnpvrf3)

Kyiv continued to be bombarded by Russian missiles

Today: There have been at least 2 large explosions in Kyiv this morning as Russian attacks continue in Ukraine. However a United States intelligence assessment says the Russian military offensive is making little progress.

Throughout the programme we'll be talking to Ukrainians who have fled the conflict and those left behind.

And in this hour we'll hear the story of a woman who has just arrived in Germany - the place she'll now call home.

We'll catch up with our correspondent who has been reporting from eastern Ukraine for the past three weeks.

And on Newsday we'll hear a Captain's assessment about that

blockade of Ukrainian ports in the Black Sea by the Russian navy.

TUE 08:00 BBC News (w172xzk2pf78t4h)

The latest five minute news bulletin from BBC World Service.

TUE 08:06 People Fixing The World (w3ct1pmb)

Using haircuts to fight oil spills

When you get your hair cut, you probably don't think much about what happens to the bits that get chopped off.

But it turns out that rather than being dumped in the rubbish, hair can be put to all kinds of uses that can help clean up the planet and feed the people who live on it.

We meet a hairdresser who weaves the clippings into mats that get used to soak up oil spills.

Plus the young entrepreneur in Tanzania who's worked out how to turn human hair into a powerful crop fertiliser.

Produced by Daniel Gordon

TUE 08:30 BBC News Summary (w172xzk44tz5dw)

The latest two minute news summary from BBC World Service.

TUE 08:32 Business Daily (w3ct1jh7)

War in the time of crypto

Financial sanctions are being used against Russia for its invasion of Ukraine so we're exploring the role of cryptocurrency in the war. Is crypto being used to evade sanctions as assets are seized and bank transactions blocked? Or is it simply a means of survival for millions of people in the region who can't access any other forms of money? We find out by talking to Gaby Hui from Merkle Science, former US government advisor Ari Redbord head of legal and government affairs at TRM labs, Artem Afian a Ukrainian lawyer who has compiled a blacklist of crypto wallets connected to Russian politicians, Sir Julian Lee, former EU commissioner for the Security Union and Sandra Ro, CEO of the Global Blockchain Business Council - a non-profit organisation focused on developing the blockchain industry. Presented by Tamasin Ford and produced by Clare Williamson. (Image: Representation of Bitcoin and Russian flag. Credit: Getty Images)

TUE 08:50 Witness History (w3ct1x6t)

Chandigarh - India's city of the future

After the trauma of Partition in 1947, India's first Prime Minister Jawaharlal Nehru persuaded the maverick Swiss-French architect, Le Corbusier, to build a new capital city for the province of Punjab. He hoped the project would symbolise a newly-independent, forward-looking India. Le Corbusier had revolutionised architecture and urban planning in the first half of the twentieth century. He was loved and hated in equal measure for his modernist approach, favouring flat roofs, glass walls and concrete. In 2016, Claire Bowes spoke to Sumit Kaur, former Chief Architect and lifelong resident of Chandigarh, about the legacy left by Le Corbusier.

PHOTO: The Chandigarh Legislative Assembly building. 1999 (AFP PHOTO / John Macdougall)

TUE 09:00 BBC News (w172xzk2pf78xwm)

The latest five minute news bulletin from BBC World Service.

TUE 09:06 The Newsroom (w172xyy0b3ccjvw)

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

TUE 09:30 BBC News Summary (w172xzk44tz950)

The latest two minute news summary from BBC World Service.

TUE 09:32 Discovery (w3ct3jzf)

[Repeat of broadcast at 00:32 today]

TUE 10:00 BBC News (w172xzk2pf791mr)

The latest five minute news bulletin from BBC World Service.

TUE 10:06 The Arts Hour (w3ct1rvd)

[Repeat of broadcast at 20:06 on Saturday]

TUE 11:00 BBC News (w172xzk2pf795sw)

The latest five minute news bulletin from BBC World Service.

TUE 11:06 The Newsroom (w172xy0b3ccsc4)

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

TUE 11:30 BBC News Summary (w172xzk44tzjn8)

The latest two minute news summary from BBC World Service.

TUE 11:32 In the Studio (w3ct1ftg)

Hannah Peel and Paraorchestra: The Unfolding

Northern Irish composer Hannah Peel (Mercury Music Prize and Emmy nominee) has come together with the ground-breaking Paraorchestra to create a new album, The Unfolding.

For In The Studio, we discover what lies behind Hannah's creative vision: as thoughts of deep time and our shared roots as human beings in the universe swirled around her mind, she found the genesis of the project.

We hear how the idea developed out of Hannah's early melodic sketches and how it bloomed from there to celebrate Paraorchestra's progressive approach to what an orchestra should be - mixing analogue, digital and assistive instruments with a unique ensemble of disabled and non-disabled musicians. As the record finally comes out into the world, we discover what it took to record it in morsels of time over three years, in the midst of a global pandemic.

Reporter/Producer: Eliza Lomas

Executive Producer: Rebecca Armstrong for BBC World Service

TUE 12:00 BBC News (w172xzk2pf79940)

The latest five minute news bulletin from BBC World Service.

TUE 12:06 Outlook (w3ct1jxs)

Mountains took my family - but I love them

Scott Kate Ballard is the daughter of world-famous mountaineer Alison Hargreaves. In 1995, when Kate was just four, Alison was caught in a storm on K2 in the Himalayas and died. Despite the tragedy, Kate and her brother Tom were raised by their dad to love the slopes and it soon became clear that Tom shared his mother's climbing talent. But sadly he would also share her fate. Kate speaks to Jo Fidgen about travel to the Himalayas and how, despite her personal losses, her love of the mountains is undiminished. A film about the family is called The Last Mountain. It's by director Chris Terrill and is available to watch on BBC iPlayer and via online streaming services.

In the early 1990s, Donna Greenwald was a semi-professional singer and young mum. Then her husband had a great idea; to send off a demo tape of her singing the national anthem to a professional baseball team. What followed was a tour of every major league baseball stadium in the country. It took seven years, and earned her the nickname, 'Anthem Annie'. She spoke to her proud son, Outlook reporter Danny Greenwald, about her mission.

Master Aslam had always wanted to be a musician, but life didn't turn out that way and at 55, he was working as a rickshaw driver in Karachi, Pakistan. One day, someone stopped on the street to film him singing and the clip went viral - with almost one million hits. He spoke to Outlook in April 2016 about his unexpected rise to fame.

Get in touch: outlook@bbc.com

Presenter: Jo Fidgen

(Photo: Kate Ballard. Credit: Ballard Images)

TUE 12:50 Witness History (w3ct1x6t)

[Repeat of broadcast at 08:50 today]

TUE 13:00 BBC News (w172xzk2pf79dw4)

The latest five minute news bulletin from BBC World Service.

TUE 13:06 The Newsroom (w172xy0b3cd0vd)

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

TUE 13:30 BBC News Summary (w172xzk44tzs4j)

The latest two minute news summary from BBC World Service.

TUE 13:32 Discovery (w3ct3jzf)

[Repeat of broadcast at 00:32 today]

TUE 14:00 BBC News (w172xzk2pf79jm8)

The latest five minute news bulletin from BBC World Service.

TUE 14:06 Newshour (w172xv5n7vgshxw)

Russian troops move closer to Ukrainian capital Kyiv

Russian troops are moving closer to the centre of Ukraine's capital Kyiv as missile strikes against the capital continue. A series of powerful explosions rocked some residential districts of Kyiv last night, killing at least two people. Roughly one third of Kyiv residents have not left. Other cities are under fierce siege by Russian troops. We get the latest from Kyiv and our Tim Franks is in Lviv talking to people there. We also interview a former Russian prime minister, now in exile, about the growing danger of protests against the Kremlin.

Also on the programme: The British-Iranian aid worker, Nazanin Zaghari-Ratcliffe - who has been detained in Iran for more than five years - has been given her passport back; and a court in India has upheld a ban on wearing the Hijab at school, following weeks of protests.

(Photo: Several residential buildings in Kyiv have been struck by Russian shelling. Credit: Orla Guerin).

TUE 15:00 BBC News (w172xzk2pf79necd)

The latest five minute news bulletin from BBC World Service.

TUE 15:06 People Fixing The World (w3ct1pmb)

[Repeat of broadcast at 08:06 today]

TUE 15:30 BBC News Summary (w172xzk44v00ms)

The latest two minute news summary from BBC World Service.

TUE 15:32 World Business Report (w172y4by9bzss3)

EU introduces new Russia sanctions

The European Union has brought in new sanctions on Russia over its invasion of Ukraine. The EU and UK have frozen the assets of more wealthy and powerful Russians, and will also ban exports of luxury goods to Russia. The BBC's Jessica Parker in Brussels talks us through the changes. And we get a response to the latest moves from Riho Terras, who is an Estonian Member of the European Parliament for the European People's Party, and former chief of defence in his country. Also in the programme, the city of Lviv in the west of Ukraine has been seen as a place of sanctuary for many fleeing conflict elsewhere in the country. But the war has now arrived on Lviv's doorstep, and we get reaction from Ivan Babichuk, chairman of industry group the Lviv IT Cluster. Plus, we hear about the impact of Russia's Instagram ban on those using the social network to raise awareness of social causes in the country.

Today's edition is presented by Rob Young, and produced by Will Bain and Ivana Davidovic.

(Picture: An empty Prada store in Moscow. Picture credit: Getty Images.)

TUE 16:00 BBC News (w172xzk2pf79s3j)

The latest five minute news bulletin from BBC World Service.

TUE 16:06 BBC OS (w172xy1rrbrs1z)

Ukraine: New curfew in Kyiv

The war in Ukraine is getting closer to the capital Kyiv where a 35-hour curfew will be imposed tonight. Our correspondents and specialists bring updates on the fighting and evacuations across the country.

And after a journalist in Moscow was arrested after interrupting Russian state TV with a "no war" sign, we discuss media crackdown in Russia and hear about journalists who have decided to leave.

We run the second part of our conversation with three people in Kyiv sharing their experiences of the invasion and explaining why they have decided to stay in the city.

And while much of the world is focussing on the war in Ukraine, there are reports that after eight years of fighting, the war in Yemen is escalating. Our colleague from BBC Arabic explains the recent developments.

(Photo: Firefighters work to put out a fire in a residential apartment building after it was hit by shelling as Russia's invasion of Ukraine continues, in Kyiv, Ukraine, March 15, 2022. Credit: Marko Djurica TPX IMAGES OF THE DAY/REUTERS)

TUE 17:00 BBC News (w172xzk2pf79wvvn)

The latest five minute news bulletin from BBC World Service.

TUE 17:06 BBC OS (w172xy1rrbrwb3)

Ukraine: New curfew in Kyiv

We get the latest on the fighting in Ukraine and about the visit by the prime ministers of Poland, the Czech Republic and Slovenia to the capital Kyiv. A new 35-hour curfew begins tonight in the city.

We discuss the journalist who protested against the war on a live TV news bulletin. She has been on trial in a Moscow court today.

We talk to our security correspondent about how President Zelensky, who regularly speaks to the nation and appears on our TV screens, manages to stay safe and survive assassination attempts.

We hear about a landmark case in India's Karnataka state where a high court has upheld a state government order that banned headscarves in classroom.

(Photo: Local residents from the residential building which was hit by artillery shelling stand in front of the building, in Kyiv, Ukraine, 15 March 2022. Credit: ROMAN PILIPEY/EPA)

TUE 18:00 BBC News (w172xzk2pf7b0ls)

The latest five minute news bulletin from BBC World Service.

TUE 18:06 BBC OS (w172xy1rrbs0k7)

2022/03/15 18:06 GMT

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TUE 19:00 BBC News (w172xzk2pf7b4bx)

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TUE 19:06 The Newsroom (w172xy0b3cdrb5)

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

TUE 19:30 BBC News Summary (w172xzk44v0hm9)

The latest two minute news summary from BBC World Service.

TUE 19:32 Sport Today (w172y0nvr06f058)

2022/03/15 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 (w172xzk2pf7b831)

The latest five minute news bulletin from BBC World Service.

TUE 20:06 Newshour (w172xv5n7vg7dn)

European leaders risk train ride to meet Zelensky in Kyiv

The prime ministers of the Czech Republic, Poland and Slovenia have arrived in the Ukrainian capital, Kyiv, for a meeting with President Zelensky. Their arrival coincided with the start of a curfew in the city. The Czech foreign minister tells us why the visit is so important.

Also on the programme, we hear from a woman who managed to escape the besieged city of Mariupol which has been pummelled by Russia artillery over the last two weeks. And, Newshour's Tim Franks attends the funeral in Lviv of four soldiers killed in Saturday's missile strikes.

(Photo: A handout photo made available via the Polish Prime Minister's twitter account shows (L-R) Slovenian prime minister Janez Jansa, Polish Prime Minister Mateusz Morawiecki, leader of the governing Law and Justice (PiS) party Jaroslaw Kaczynski and Czech Republic Prime Minister Petr Fiala talk over a map in a train to Kyiv, Ukraine, 15 March 2022. EPA/TWITTER/@MorawieckiM)

TUE 21:00 BBC News (w172xzk2pf7bcv5)

The latest five minute news bulletin from BBC World Service.

TUE 21:06 Newshour (w172xv5n7vgtc4s)

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to escape the besieged city of Mariupol which has been pummeled by Russia artillery over the last two weeks. And, Newshour's Tim Franks attends the funeral in Lviv of four soldiers killed in Saturday's missile strikes.

(Photo: A handout photo made available via the Polish Prime Minister's twitter account shows (L-R) Slovenian prime minister Janez Jansa, Polish Prime Minister Mateusz Morawiecki, leader of the governing Law and Justice (PiS) party Jaroslaw Kaczynski and Czech Republic Prime Minister Petr Fiala talk over a map in a train to Kyiv, Ukraine, 15 March 2022. EPA/TWITTER/@MorawieckiM)

TUE 22:00 BBC News (w172xk2pf7bh19)

The latest five minute news bulletin from BBC World Service.

TUE 22:06 The Newsroom (w172xyy0b3cf3kk)

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

TUE 22:30 BBC News Summary (w172xkx44v0vvp)

The latest two minute news summary from BBC World Service.

TUE 22:32 World Business Report (w172ycsq3fxx8mj)

Kyiv extends curfew as Russian troops advance

Mayor Vitali Klitschko announced a 35-hour curfew to end on Thursday morning, the first curfew to be put in place in daytime. It comes after the leaders of Poland, the Czech Republic and Slovenia visited Kyiv. We get analysis of their visit from our Poland correspondent Adam Easton.

Also in the programme, we speak to the president of Lithuania, Gitanas Nausėda, about the the latest round of European sanctions against Russia.

The city of Lviv in the west of Ukraine has been seen as a place of sanctuary for many fleeing conflict elsewhere in the country. But the war has now arrived on Lviv's doorstep, and we get reaction from Liana Semchuk from the UK-based risk analysis firm Sibylline.

(Picture: A damaged living room in Kyiv. Picture credit: Getty Images.)

TUE 23:00 BBC News (w172xk2pf7bmbf)

The latest five minute news bulletin from BBC World Service.

TUE 23:06 People Fixing The World (w3ct1pmb)

[Repeat of broadcast at 08:06 today]

TUE 23:30 BBC News Summary (w172xkx44v0zlt)

The latest two minute news summary from BBC World Service.

TUE 23:32 In the Studio (w3ct1tfj)

[Repeat of broadcast at 11:32 today]

WEDNESDAY 16 MARCH 2022

WED 00:00 BBC News (w172xk2pf7br2k)

The latest five minute news bulletin from BBC World Service.

WED 00:06 The Newsroom (w172xyy0b3cfclt)

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

WED 00:30 BBC News Summary (w172xkx44v13by)

The latest two minute news summary from BBC World Service.

WED 00:32 Digital Planet (w3ct1ltj)

Calls for facial recognition tech ban on Brazilian metro

A number of Brazilian civil rights organisations have filed a civil lawsuit against a company operating the São Paulo metro and their use of facial recognition technology. They are calling for an immediate suspension of the technology as well as compensation for moral damages to the rights of passengers, however the company denies they are using the technology for facial recognition.

How to spot disinformation in wartime

Have you seen the video on TikTok of a Russian paratrooper recording himself while jumping out of a plane as part of the invasion of Ukraine? Well it is not that at all – it is actually from 2015. But how can you check images and videos that pop up in your social media feeds? Reverse image search it on Google to see where else it has been posted, says Dr Shelby Grossman from the Stanford Internet Institute. She tells Gareth a whole host of tips to help tell the difference between what is fake and what is real online about the Russian invasion of

Ukraine.

Biodegradable soft robotics

Soft robots are seen by many scientists as the future of human-robot interaction, but one setback is that the more malleable material needs replacing as it wears out quicker than rigid material more often associated with robots. Now a team of scientists has developed a translucent soft and tactile robotic finger, and it's biodegradable. Looking for inspiration in the kitchen the team developed this biogel from gelatine by modifying a 3D printer. The material is in fact edible – which will make future soft robotics safe for young children. One of the authors, Professor Martin Kaltenbrunner from the Institute of Experiment Physics at Linz University, tells Gareth why the team was keen to make machines out of biodegradable material.

Presented by Gareth Mitchell with expert commentary from Angelica Mari.

Studio Manager: Giles Aspen

Producer: Ania Lichtarowicz

(Photo: People moving and traveling inside of the Metro subway system in Sao Paulo Brazil. Credit: Adam Hester/Getty Images)

WED 01:00 BBC News (w172xk2pf7bvtp)

The latest five minute news bulletin from BBC World Service.

WED 01:06 Business Matters (w172xvqwk54874d)

Kyiv extends curfew as Russian troops advance

Mayor Vitali Klitschko announced a 35-hour curfew to end on Thursday morning, the first curfew to be put in place in daytime. It comes after the leaders of Poland, the Czech Republic and Slovenia visited Kyiv. We get analysis of their visit from our Poland correspondent Adam Easton.

Also in the programme, the BBC's Victoria Craig speaks to the president of Lithuania, Gitanas Nausėda, about the the latest round of European sanctions against Russia.

The city of Lviv in the west of Ukraine has been seen as a place of sanctuary for many fleeing conflict elsewhere in the country. But the war has now arrived on Lviv's doorstep, and we get reaction from Liana Semchuk from the UK-based risk analysis firm Sibylline.

And, after many Western companies have announced their withdrawal from Russia, we look at those businesses who say ending their operations there is easier said than done.

Fergus Nicoll is joined throughout the programme by Peter Landers of the Wall Street Journal in Tokyo, and by Sarah Birke from The Economist in Mexico City.

(Picture: A damaged living room in Kyiv. Picture credit: Getty Images.)

WED 02:00 BBC News (w172xk2pf7bzk1)

The latest five minute news bulletin from BBC World Service.

WED 02:06 The Newsroom (w172xyy0b3cfllk2)

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

WED 02:30 BBC News Summary (w172xkx44v1bv6)

The latest two minute news summary from BBC World Service.

WED 02:32 The Compass (w3ct3jzh)

Emotional Baggage

16/03/2022 GMT

In Emotional Baggage, psychiatrist Professor Henrietta Bowden Jones talks to four people about their experience of migration: artist Anish Kapoor, June Angelides, founder of Mums In Technology, Dina Nayeri, author of The Ungrateful Refugee, and Baroness Benjamin.

WED 03:00 BBC News (w172xk2pf7c39y)

The latest five minute news bulletin from BBC World Service.

WED 03:06 Outlook (w3ct1jxs)

[Repeat of broadcast at 12:06 on Tuesday]

WED 03:50 Witness History (w3ct1x6t)

[Repeat of broadcast at 08:50 on Tuesday]

WED 04:00 BBC News (w172xk2pf7c722)

The latest five minute news bulletin from BBC World Service.

WED 04:06 The Newsroom (w172xyy0b3cfv1b)

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

WED 04:30 BBC News Summary (w172xkx44v1lbg)

The latest two minute news summary from BBC World Service.

WED 04:32 Newsday (w172xv35xnnbr3)

Zelensky: peace talks with Russia 'sound more realistic'

Ukraine's president Volodymyr Zelensky has said peace talks with Russia are beginning to sound more realistic - but he said more time was needed to reach a breakthrough. We'll bring you the latest.

Evacuation buses and aid trucks are waiting to go into Mariupol in southern Ukraine but remain blocked by Russian forces besieging the port. We hear from the Deputy Mayor of Mariupol who accuses Russian troops of holding 400 people "like hostages" inside a hospital.

And the President of Finland tells us about his talks with Russian President Vladimir Putin and what Mr Putin wants.

WED 05:00 BBC News (w172xk2pf7cbt6)

The latest five minute news bulletin from BBC World Service.

WED 05:06 Newsday (w172xv35xnnstrj)

Mariupol hospital staff and patients 'taken hostage' by Russian troops

Evacuation buses and aid trucks are waiting to go into Mariupol in southern Ukraine but remain blocked by Russian forces besieging the port. We'll get the latest from there and also the capital, Kyiv.

We get a rare insight into life under Russian occupation in the port city of Melitopol.

And Tesla's chief executive, Elon Musk, challenges Russia's President Vladimir Putin to a duel.

WED 06:00 BBC News (w172xk2pf7cgbk)

The latest five minute news bulletin from BBC World Service.

WED 06:06 Newsday (w172xv35xnnstj2)

Nato meets as Zelensky concedes Ukraine will not join Alliance

Nato's defence ministers meet today as Ukrainian President Volodymyr Zelensky says peace talks with Russia are beginning to "sound more realistic". We look at what the Ukrainian president now wants from Nato?

We find out what life is like for Ukrainians living in places that have been captured by Russian troops. And we go to Lviv in western Ukraine as residents prepare for a Russian attack.

WED 07:00 BBC News (w172xk2pf7cl9g)

The latest five minute news bulletin from BBC World Service.

WED 07:06 Newsday (w172xv35xnnstb6)

Russian fighting intensifies in Kyiv

As residents across Kyiv remain hunkered down in underground shelters and their homes amid a two-day curfew, we'll hear from a Ukrainian MP on the importance of the next hours.

NATO defence ministers meet in Brussels today to discuss their response to Russia's invasion as President Volodymyr Zelensky says Ukraine will not join the Alliance. We'll hear from a former UN official on what's at stake.

And are Russians losing faith in their President? From the mothers of soldiers sent to war to the journalists censored, we'll find out what Russians are really thinking.

WED 08:00 BBC News (w172xk2pf7cq11)

The latest five minute news bulletin from BBC World Service.

WED 08:06 HARDtalk (w3ct1ncq)

Tobias Ellwood: How should the West stand up to Putin?

Russia has launched its most deadly attack on western Ukraine so far, striking a military base just 15 kilometres from the Polish border. This is being seen as a warning to Nato that, in supplying weapons to Ukraine through Poland, it risks an escalation of the war. Zeinab Badawi speaks to the senior British Conservative MP Tobias Ellwood, the chair of the House of Commons Defence Select Committee and a former soldier. He believes that Nato and the West need to change

radically their stance on the Ukraine war. Does he have a clear strategy to stand up to Putin and save lives?

WED 08:30 BBC News Summary (w172xzk44v229z)

The latest two minute news summary from BBC World Service.

WED 08:32 Business Daily (w3ct1jq0)

Penalties for Chelsea?

What now for Chelsea FC? After the UK government imposed sanctions on Russian owner Roman Abramovich, the club has been denied access to the funds that enabled investment in some of the world's best players and helped it become one of the biggest clubs in European football. No income, either, from ticket or merchandise sales can be made by the club, throwing its short term future into doubt. It's unclear whether Chelsea can even pay its squad and staff next month, such is the punishing nature of the sanctions put upon Mr Abramovich over his ties to the Kremlin and Vladimir Putin in the wake of Russia's invasion of Ukraine. So how will this play out on and off the pitch? We speak to Kieran Maguire who lectures in football finance at the Liverpool University; Justine Walker, an anti-money-laundering compliance specialist based in the UK; Jai McIntosh, a sports writer and Chelsea fan and former Chelsea player Pat Nevin. The programme is presented by Ed Butler and is produced by Elizabeth Hotson and Russell Newlove.

Picture: Chelsea FC's crest Credit:PA

WED 08:50 Witness History (w3ct1x92)

Teheran's Freedom Tower

A vast new monument was opened to the public in Tehran in early 1972. It was called Shahyad and was dedicated to centuries of Iranian royalty. After the Islamic revolution of 1979 the monument's name changed to the Azadi or Freedom Tower, but it has remained a centrepiece for public events and demonstrations in the city. In 2016, Rozita Riazati spoke to Hossein Amanat, the young architect hired to design it.

PHOTO: The Azadi tower in 2016 (Getty Images)

WED 09:00 BBC News (w172xzk2pf7ctsq)

The latest five minute news bulletin from BBC World Service.

WED 09:06 The Newsroom (w172xyy0b3cgfrz)

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

WED 09:30 BBC News Summary (w172xzk44v2623)

The latest two minute news summary from BBC World Service.

WED 09:32 Digital Planet (w3ct1ltj)

[Repeat of broadcast at 00:32 today]

WED 10:00 BBC News (w172xzk2pf7c7jv)

The latest five minute news bulletin from BBC World Service.

WED 10:06 The Documentary (w3ct3jzl)

[Repeat of broadcast at 12:06 on Saturday]

WED 11:00 BBC News (w172xzk2pf7d28z)

The latest five minute news bulletin from BBC World Service.

WED 11:06 The Newsroom (w172xyy0b3cgp87)

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

WED 11:30 BBC News Summary (w172xzk44v2fkc)

The latest two minute news summary from BBC World Service.

WED 11:32 The Shutdown (w3ct3hgs)

Conflict

For over a year a civil war has raged in Ethiopia, a result of decades long ethnic tensions. The northern state of Tigray has been subject to a communications blackout for most of the last year. We investigate the impact of shutdowns on civilians, and consider the ways in which conflict plays out not just on the ground, but also online on social media as different groups seek to promote their own cause.

Producer: Beatrice Pickup
Reporting in Addis Ababa by Kalkidan Yibeltal

(Photo: Addis Ababa skyline, Ethiopia)

WED 12:00 BBC News (w172xzk2pf7d613)

The latest five minute news bulletin from BBC World Service.

WED 12:06 Outlook (w3ct1k01)

Running an underground newspaper during the Syrian uprising

After pro-democracy protests broke out in 2011, Kholoud Helmi was determined to cover the human rights violations carried out by the Syrian government, as a reporter on the ground. So with the help of her friends and brother, she founded Enab Baladi, one of the only surviving independent media outlets founded in Syria. Kholoud paid a high price for this, risking her life, and the lives of her family, to report on atrocities happening in locations inaccessible to foreign reporters. The paper had to be printed in secret - and its copies would be distributed covertly in rubbish bins. The team did their best to avoid the military checkpoints scattered throughout the city, but they couldn't stay out of trouble forever. Kholoud's brother was arrested, and subsequently disappeared. 10 years later, Kholoud and her family still don't know whether he's dead or alive. After losing her home, brother, and friends to the civil war that has torn the country apart for over a decade, she continues to carry a dream of a free Syria with her. Jo Fidgen talks to her from Turkey, where she is currently living in exile.

Get in touch: outlook@bbc.com

Presenter: Jo Fidgen

Producer: Gaia Caramazza

(Photo: Kholoud Helmi speaking on the war in Syria. Credit: Michael Loccisano/Getty Images for HBO)

WED 12:50 Witness History (w3ct1x92)

[Repeat of broadcast at 08:50 today]

WED 13:00 BBC News (w172xzk2pf7d9s7)

The latest five minute news bulletin from BBC World Service.

WED 13:06 The Newsroom (w172xyy0b3cgxrh)

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

WED 13:30 BBC News Summary (w172xzk44v2p1m)

The latest two minute news summary from BBC World Service.

WED 13:32 Digital Planet (w3ct1ltj)

[Repeat of broadcast at 00:32 today]

WED 14:00 BBC News (w172xzk2pf7dfjc)

The latest five minute news bulletin from BBC World Service.

WED 14:06 Newshour (w172xv5n7vgwdzt)

Ukraine war: Zelensky implores US Congress for help

President Volodymyr Zelensky has used a rare live address to the US Congress to make an emotional appeal for more help to fight off the Russian invasion. Speaking by video link from Kyiv, Mr Zelensky again pleaded with America to impose a no fly zone over his country's skies or at least to supply fighter jets.

A British-Iranian woman, who's been detained in Iran for nearly six years, is heading home. Nazanin Zaghari-Ratcliffe was accused of plotting to overthrow Iran's government, which she denied. She was freed along with another British-Iranian, Anousheh Ashouri.

And how children are bearing the brunt of Afghanistan's economic collapse.

(Photo: The Ukrainian president was greeted with a standing ovation from the assembled US politicians. Credit: EPA)

WED 15:00 BBC News (w172xzk2pf7dk8h)

The latest five minute news bulletin from BBC World Service.

WED 15:06 HARDtalk (w3ct1ncq)

[Repeat of broadcast at 08:06 today]

WED 15:30 BBC News Summary (w172xzk44v2xjw)

The latest two minute news summary from BBC World Service.

WED 15:32 World Business Report (w172y4d5gxf1nb4)

A warning on global oil supply

The International Energy Agency cautions the Ukraine war is likely to disrupt oil supply. Britain's prime minister Boris Johnson is in the Gulf this week, asking the UAE and Saudi

Arabia to pump more oil in a bid to keep prices lower. Matthew Martin is Bloomberg's bureau chief in Riyadh, and tells us how the request is likely to be received. Also in the programme, the US is looking to potentially tap into Venezuela's oil reserves to plug a global shortage, despite enmity between the two countries. Antero Alvarado is an energy consultant in Caracas, and tells us about the current state of his country's oil industry. And we hear from the president of Lithuania, Gitanas Nausėda, who says his country is ready to block imports of Russian gas, despite the potential problems such a move could involve. Plus, the BBC's Ed Butler asks what will happen next to Chelsea Football Club, after British government sanctions against its owner Roman Abramovich curtailed the club's income.

Today's edition is presented by Mike Johnson, and produced by Nisha Patel and Russell Newlove.

(Picture: Boris Johnson arrives in Riyadh. Picture credit: Getty Images.)

WED 16:00 BBC News (w172xzk2pf7dp0m)

The latest five minute news bulletin from BBC World Service.

WED 16:06 BBC OS (w172xyy1rrbvz2)

Life in Lviv

We're live in Lviv in Western Ukraine to bring you first-hand accounts of life in a country at war. We'll find out how the city is coping with the influx of people who have fled from Russian attacks.

We'll find out what Ukraine's President Zelensky said in his address to the US Congress and how US politicians have responded.

Away from Ukraine – we'll tell you why a vaginal ring just approved for use in South Africa is being described as a possible "game-changer" in the fight against HIV infections there.

(Photo: People wait for transfer trains following the ongoing Russia's invasion, at the main train station in Lviv, Ukraine. Credit: Reuters/Kai Pfaffenbach)

WED 17:00 BBC News (w172xzk2pf7dsrr)

The latest five minute news bulletin from BBC World Service.

WED 17:06 BBC OS (w172xyy1rrbvsg6)

Life in Lviv

We're live in Lviv in Western Ukraine to bring you first-hand accounts of life in a country at war. We'll find out how the city is coping with the influx of people who have fled from Russian attacks.

We'll bring you the account of a 24-year-old doctor who has signed up to serve with Ukrainian forces as a combat medic. Ihor was ready for a career in oncology before the war started.

And we'll explain the economic story about the possibility that Russia won't be able to pay money it owes to international investors – and the potential implications.

(Photo: Members of the Lviv symphony orchestra play an outside concert for a "free sky" and against the ongoing Russian invasion of Ukraine, in downtown Lviv, Ukraine. Credit: Reuters/Kai Pfaffenbach)

WED 18:00 BBC News (w172xzk2pf7dxhw)

The latest five minute news bulletin from BBC World Service.

WED 18:06 BBC OS (w172xyy1rrbvsgb)

Life in Lviv

We're live in Lviv in Western Ukraine to bring you first-hand accounts of life in a country at war. We'll find out how the city is coping with the influx of people who have fled from Russian attacks.

We'll speak to a BBC journalist who has been covering the stories of people from various African countries who want to sign up to fight in the war in Ukraine.

And we learn more about the possibility that Russia won't be able to pay money it owes to international investors. We'll also explain why some western brands are unable to leave Russia because of the franchising agreements they have with local businesspeople.

(Photo: Members of the Ukrainian Territorial Defense Forces load magazines during tactical exercises, amid Russia's invasion of Ukraine, near Lviv, Ukraine. Credit: Reuters/Roman Baluk)

WED 19:00 BBC News (w172xzk2pf7f180)

The latest five minute news bulletin from BBC World Service.

WED 19:06 The Newsroom (w172xyy0b3chn78)

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

WED 19:30 BBC News Summary (w172xzk44v3jd)

The latest two minute news summary from BBC World Service.

WED 19:32 Sport Today (w172y0nvr06hx2c)

2022/03/16 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 (w172xzk2pf7f504)

The latest five minute news bulletin from BBC World Service.

WED 20:06 Newshour (w172xy5n7vgx49r)

Interviews, news and analysis of the day's global events.

WED 21:00 BBC News (w172xzk2pf7f8r8)

The latest five minute news bulletin from BBC World Service.

WED 21:06 Newshour (w172xy5n7vgx81w)

Russia bombs theatre where civilians sheltering – official

The Ukrainian authorities say Russian forces have bombed a theatre in the besieged city of Mariupol that was being used by large numbers of civilians as a shelter. Meanwhile, a convoy leaving the city has been bombed. We hear from a woman who was in the convoy.

Also in this programme, we're in the Ukrainian capital Kyiv and we have a special report from western Afghanistan where children are dying of famine.

(Photo: A view shows Donetsk Regional Theatre of Drama destroyed by an airstrike in Mariupol, Ukraine. Credit: Reuters/ Press service of the Donetsk Regional Civil-Military Administration)

WED 22:00 BBC News (w172xzk2pf7fdhd)

The latest five minute news bulletin from BBC World Service.

WED 22:06 The Newsroom (w172xyy0b3cj0gn)

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

WED 22:30 BBC News Summary (w172xzk44v3rrs)

The latest two minute news summary from BBC World Service.

WED 22:32 World Business Report (w172yct3t6ztr8)

US raises interest rate by 0.25% over inflation fears

The increase is the first in the US since December 2018, and is aimed at controlling the country's worryingly high inflation. We get reaction to the announcement from Greg McBride, analyst at the personal finance firm Bankrate.

Britain's prime minister Boris Johnson is in the Gulf this week, asking the UAE and Saudi Arabia to pump more oil in a bid to keep prices lower. Matt Smith is from the data and analytics firm Kpler, and tells us what he thinks Mr Johnson is hoping to achieve through his visit.

Also in the programme, the US is looking to potentially tap into Venezuela's oil reserves to plug a global shortage, despite enmity between the two countries. Antero Alvarado is an energy consultant in Caracas, and tells us about the current state of his country's oil industry.

Plus, the BBC's Ed Butler asks what will happen next to Chelsea Football Club, after British government sanctions against its owner Roman Abramovich curtailed the club's income.

(Picture: Federal Reserve Chairman Jerome Powell. Picture credit: Getty Images.)

WED 23:00 BBC News (w172xzk2pf7f7j)

The latest five minute news bulletin from BBC World Service.

WED 23:06 HARDtalk (w3ct1ncq)

[Repeat of broadcast at 08:06 today]

WED 23:30 BBC News Summary (w172xzk44v3whx)

The latest two minute news summary from BBC World Service.

WED 23:32 The Shutdown (w3ct3hgs)

[Repeat of broadcast at 11:32 today]

THURSDAY 17 MARCH 2022**THU 00:00 BBC News (w172xzk2pf7fmzn)**

The latest five minute news bulletin from BBC World Service.

THU 00:06 The Newsroom (w172xyy0b3cj7yx)

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

THU 00:30 BBC News Summary (w172xzk44v4081)

The latest two minute news summary from BBC World Service.

THU 00:32 Health Check (w3ct1nwr)

The kindness test: The results

Although the world might not feel like a very kind place at the moment, this might be just the time when acts of kindness matter the most.

This week, Claudia Hammond reveals the results of the world's largest public science project on kindness. With over 60,000 participants from 144 countries, this unique study helps to fill some of the research gaps and learn more about how kindness is viewed within society at large. What is kindness? Are we more or less kind than before? Where do acts of kindness take place? Are certain types of people kinder than others? Is kindness good for us?

Professor Robin Bannerjee, University of Sussex, led the study and joins Claudia in the studio to unpick the results.

Presenter: Claudia Hammond

Producer: Samara Linton

THU 01:00 BBC News (w172xzk2pf7frqs)

The latest five minute news bulletin from BBC World Service.

THU 01:06 Business Matters (w172xvqwk54c41h)

US Central Bank raises interest rate after 4 years

The increase is the first in the US since December 2018, and is aimed at controlling the country's worryingly high inflation. We get reaction to the announcement from Greg McBride, analyst at the personal finance firm Bankrate.

Britain's prime minister Boris Johnson is in the Gulf this week, asking the UAE and Saudi Arabia to pump more oil in a bid to keep prices lower. Matt Smith is from the data and analytics firm Kpler, and tells us what he thinks Mr Johnson is hoping to achieve through his visit.

Also in the programme, the US is looking to potentially tap into Venezuela's oil reserves to plug a global shortage, despite enmity between the two countries. Antero Alvarado is an energy consultant in Caracas, and tells us about the current state of his country's oil industry.

Plus, the BBC's Ed Butler asks what will happen next to Chelsea Football Club, after British government sanctions against its owner Roman Abramovich curtailed the club's income.

And as the US plans to make Daylight Savings Time permanent, we ask Professor Nicholas Sanders at Cornell University in upstate New York what the economic benefits could be. Plus, we hear the latest from the UK as journalist Nazanin Zaghari-Ratcliffe lands in the UK after being imprisoned for 6 years in Iran on allegations that she was a spy.

Fergus Nicoll is joined throughout the programme by Stefanie Yuen Thio, joint managing partner at TSMF Law in Singapore and by Kimberly Adams, correspondent at our sister station Marketplace in Washington DC.

(Photo: Federal Reserve Chairman Jerome Powell. Credit: Getty Images)

THU 02:00 BBC News (w172xzk2pf7fwgx)

The latest five minute news bulletin from BBC World Service.

THU 02:06 The Newsroom (w172xyy0b3cjhg5)

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

THU 02:30 BBC News Summary (w172xzk44v47r9)

The latest two minute news summary from BBC World Service.

THU 02:32 Assignment (w3ct1gty)

The fate of Russia's soldiers

Most Russians are getting a distorted picture of what Vladimir Putin calls a "special military operation" in Ukraine. Even the

use of the words "war" or "invasion" is prohibited and state controlled TV does not acknowledge that Russian troops are attacking civilians. Yet news is filtering back to thousands of mothers of servicemen in the invasion force. Many say their sons were deceived about their mission and are being treated as cannon fodder. The Russian authorities and military commanders remain tight lipped. But Ukraine has posted pictures and videos of the dead and captured Russian soldiers on the internet. For Assignment, Tim Whewell follows the story of one young prisoner of war. He looked so terrified during an interrogation that a Ukrainian woman took pity on him and helped his family to get in touch, even though her own home in Odessa was shelled by Russian forces. Will the 21 year old soldier ever be able to return to his family and could the truth about Russia's defeats and losses change attitudes to the war back home?

Producers: Lucy Ash and Yulia Mineeva

(Image: Pro-Russian service member in an armoured vehicle in the Donetsk region of Ukraine March, 2022. Credit: Reuters/Alexander Ermochenko)

THU 03:00 BBC News (w172xzk2pf7g071)

The latest five minute news bulletin from BBC World Service.

THU 03:06 Outlook (w3ct1k01)

[Repeat of broadcast at 12:06 on Wednesday]

THU 03:50 Witness History (w3ct1x92)

[Repeat of broadcast at 08:50 on Wednesday]

THU 04:00 BBC News (w172xzk2pf7g3z5)

The latest five minute news bulletin from BBC World Service.

THU 04:06 The Newsroom (w172xyy0b3cjgyf)

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

THU 04:30 BBC News Summary (w172xzk44v4h7k)

The latest two minute news summary from BBC World Service.

THU 04:32 Newsday (w172xv35xnnw7n6)

Mariupol: Russia accused of bombing theatre sheltering civilians

Ukrainian officials have accused Russian forces of further atrocities in the besieged city of Mariupol, including an airstrike on a theatre where hundreds of displaced people were believed to have been sheltering. We'll bring you the latest from there.

We'll examine the impact the conflict is having on children.

And what now for two British-Iranian nationals who have arrived back in the UK after being released from prison in Tehran.

THU 05:00 BBC News (w172xzk2pf7g7q9)

The latest five minute news bulletin from BBC World Service.

THU 05:06 Newsday (w172xv35xnnw9r1)

Russia denies bombing Mariupol theatre where people were sheltering

We'll bring you the latest from Ukraine where authorities accuse the Russians of bombing a theatre in the town of Mariupol, which was being used as a shelter.

We'll speak to the Mayor of Mykolaiv, another Ukrainian city under siege.

And we'll hear from aid workers as they race to get drugs and medical equipment to Ukraine.

THU 06:00 BBC News (w172xzk2pf7geg)

The latest five minute news bulletin from BBC World Service.

THU 06:06 Newsday (w172xv35xnnwf5)

Over 1,000 people feared dead in Mariupol theatre bombing

We'll bring you the latest from Mariupol where the city's council says that Russian forces "deliberately and cynically destroyed" a theatre, after a "plane dropped a bomb on a building where hundreds of peaceful Mariupol residents were hiding".

As peace talks continue between Russia and Ukraine, we ask if both sides are running out of time.

And we look at the impact the war is having on children.

THU 07:00 BBC News (w172xzk2pf7gh6k)

The latest five minute news bulletin from BBC World Service.

THU 07:06 Newsday (w172xv35xnnwk79)

Russia blames Ukrainian far-right nationalists for theatre attack

We'll get the latest from Mariupol where many hundreds are feared dead after a bomb attack on a theatre where many hundreds of people were sheltering, including children.

We'll hear about the children fleeing Ukraine and the impact of the war on them.

And the two British-Iranian nationals, Nazanin Zaghari-Ratcliffe and Anoosheh Ashoori, are back in the UK after being freed from years of detention in Iran.

THU 08:00 BBC News (w172xzk2pf7gtyp)

The latest five minute news bulletin from BBC World Service.

THU 08:06 The Inquiry (w3ct1z3g)

Who are the Wagner Group, and why are they in Ukraine?

According to media reports, Ukraine's President, Volodymyr Zelensky, has survived two assassination attempts from the band of mercenaries known as the Wagner Group. Their ruthlessness has earned them a feared reputation from Kyiv to Central Africa. But who are they, and has Putin really entrusted them with taking out a head of state?

(Pro-Russian separatists patrol with armoured vehicles in Donetsk, Ukraine 11 March 2022. Getty Images)

THU 08:30 BBC News Summary (w172xzk44v4z72)

The latest two minute news summary from BBC World Service.

THU 08:32 Business Daily (w3ct1jbq)

Pacific Islanders building climate resilience

Climate change and disasters continue to imperil the livelihoods and well-being of people in the Pacific Islands.

This is the most pressing issue facing the Pacific today, Ofa Ma'asi-Kaisamy, manager at the Pacific Climate Change Centre, tells the BBC's Frey Lindsay. And Dr Salanieta Saketa, senior epidemiologist at the Pacific Community's Public Health Division, explains how such events seriously impact people's health.

We also hear how people are fighting to build resilience and forge new futures. Lusua Latu-Jones, director of Tonga Youth Employment and Entrepreneurship, tells Frey how young Pacific Islanders are creating their own opportunities. And Flora Vano of ActionAid Vanuatu explains how a women-led collective works to help each other prepare for and withstand the challenges they face.

(Photo: High-tide flooding on Majuro Atoll in the Marshall Islands, December 2021; Credit: Giff Johnson/AFP/Getty Images)

THU 08:50 Witness History (w3ct1x4k)

Zaha Hadid's Cincinnati Arts Center

When the Contemporary Arts Center in Cincinnati opened to the public in 2003 it wowed both the public and critics. With its undulating curves and galleries that interlock, it was the first major project that the renowned architect had completed, and also the first American museum to be designed by a woman. The New York Times hailed the Contemporary Arts Center as the most important building to be completed in the US since the Cold War. Farhana Haider has been listening to archive interviews with the late Zaha Hadid and speaking to Jay Chatterjee, Dean Emeritus at the college of Design Architecture, Art and Planning at the University of Cincinnati. He was on the panel that chose her ground-breaking design.

Photo Credit Courtesy of the Contemporary Arts Center

THU 09:00 BBC News (w172xzk2pf7gqpt)

The latest five minute news bulletin from BBC World Service.

THU 09:06 The Newsroom (w172xyy0b3ckbp2)

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

THU 09:30 BBC News Summary (w172xzk44v52z6)

The latest two minute news summary from BBC World Service.

THU 09:32 Health Check (w3ct1nwr)

[Repeat of broadcast at 00:32 today]

THU 10:00 BBC News (w172xzk2pf7gvfy)

The latest five minute news bulletin from BBC World Service.

THU 10:06 The Forum (w3ct1rmm)

Pinocchio: The real story of the mischievous wooden puppet

Pinocchio is a cultural icon. He is the wooden puppet who can talk and walk. A cheerful headstrong character who keeps breaking the rules, and whose dream is to become a real boy. His story has been the subject of many retellings, and his growing nose when he lies has become a way to satirise politicians the world over. But Pinocchio's origins are largely unknown outside Italy, and couldn't be more different from his portrayal in the 1940 Disney film.

The original novel The Adventures of Pinocchio by the 19th century Italian writer Carlo Collodi is much darker and brutal, and originally ended with Pinocchio's execution, but it was also a way of educating the children of a newly unified Italy. The actual literary text also provided a model, which is still used today, for a more standardised form of the Italian language. So why has Collodi's original – which is one of the most translated books in the world and one of the most adapted – been largely ignored and why should we go back to it?

Joining Bridget Kendall is Dr Katia Pizzi, the director of the Italian Cultural Institute in London, who is the editor and co-author of Pinocchio, puppets and modernity: the mechanical body; Cristina Mazzoni, Professor of Romance Languages and Cultures at the University of Vermont, and editor and translator of The Pomegranates and other Modern Italian Fairy Tales; and Dr Georgia Panteli, Lecturer in Film and Comparative Literature at the University of Vienna and University College London, and author of From Puppet to Cyborg. Pinocchio's Posthuman Journey.

The readings from The Adventures of Pinocchio were by Marco Gambino.

Produced by Anne Khazam for the BBC World Service.

(Photo: The long nose of the liar Pinocchio, Florence, Italy. Credit: broadcasterr via Getty Images)

THU 10:50 Sporting Witness (w3ct119p)

Saving Fabrice Muamba

It's 10 years since one of the most dramatic moments in the history of Premiership football. Fans around the world held their breath when the Bolton midfielder Fabrice Muamba went into cardiac arrest and collapsed on the pitch. His heart stopped for 78 minutes. Uma Doraiswamy has been speaking to cardiologist Dr Andrew Deane, who ran from the stands to help save Fabrice Muamba's life.

PHOTO: The medical team treating Fabrice Muamba (Getty Images)

THU 11:00 BBC News (w172xzk2pf7gz62)

The latest five minute news bulletin from BBC World Service.

THU 11:06 The Newsroom (w172xyy0b3ckl5b)

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

THU 11:30 BBC News Summary (w172xzk44v5bgg)

The latest two minute news summary from BBC World Service.

THU 11:32 The Food Chain (w3ct1rh4)

A Ukrainian kitchen in London

Chef Oliya Hercules invites us into her London home to reflect on her country's rich culinary heritage and the power of food in even the darkest of times.

She opens her well-stocked kitchen cupboards and fridge to reveal the varied flavours, colours and scents of a cuisine she says is often wrongly dismissed as being 'beige' or boring.

Ruth Alexander joins Oliya and her Russian friend and fellow food writer, Alissa Timoshkina, to discuss the close ties between their nation's traditional dishes, and the importance of the two women's own personal friendship.

The conversation was recorded on Tuesday 8 March; 12 days into the Russian invasion of Ukraine.

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

(Picture: Oliya Hercules and Alissa Timoshkina. Credit: BBC)

Producer:

Sarah Stolarz

THU 12:00 BBC News (w172xzk2pf7h2y6)

The latest five minute news bulletin from BBC World Service.

THU 12:06 Outlook (w3ct1k4k)

The child preacher who exposed a con

In 1944, Marjoe Gortner was just four years old when his parents had him ordained as an evangelical minister. He was dubbed 'the miracle child' and conducted his first marriage ceremony before he could barely even write. During the 1950s, he became a star turn on the American preaching circuit and attracted huge crowds for his exuberant preaching, raking in millions of dollars. Behind it all was an elaborate con and years later Marjoe went public with an expose that took him to Hollywood.

Presenter: Jo Fidgeon

Producers: Edgar Maddicott and Maryam Maruf

Get in touch: outlook@bbc.com

(Photo: A young Marjoe Gortner giving a sermon Credit: Still from the documentary Marjoe, courtesy Sarah Kernochan)

THU 12:50 Witness History (w3ct1x4k)

[Repeat of broadcast at 08:50 today]

THU 13:00 BBC News (w172xzk2pf7h6pb)

The latest five minute news bulletin from BBC World Service.

THU 13:06 The Newsroom (w172xyy0b3cktnl)

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

THU 13:30 BBC News Summary (w172xzk44v5kyq)

The latest two minute news summary from BBC World Service.

THU 13:32 Assignment (w3ct1gyt)

[Repeat of broadcast at 02:32 today]

THU 14:00 BBC News (w172xzk2pf7hbfq)

The latest five minute news bulletin from BBC World Service.

THU 14:06 Newshour (w172xv5n7vgz9r2)

President Zelensky appeals to the Bundestag

President Zelensky of Ukraine addresses the German parliament warning his country faces an existential threat from Russia. We hear from a German MP in the governing coalition.

Also in the programme: we report on the people in Ukraine reaching out to the families of captured Russian soldiers; and a new theoretical approach to black holes appears to solve one of the biggest problems in our understanding of the universe.

(Photo: Ukrainian President Volodymyr Zelensky (on screens) delivers a video address to the German parliament in Berlin, Germany, 17 March 2022./ Credit: EPA / Clemens Bilan)

THU 15:00 BBC News (w172xzk2pf7hg5l)

The latest five minute news bulletin from BBC World Service.

THU 15:06 The Inquiry (w3ct1z3g)

[Repeat of broadcast at 08:06 today]

THU 15:30 BBC News Summary (w172xzk44v5tfz)

The latest two minute news summary from BBC World Service.

THU 15:32 World Business Report (w172y49q4832myc)

Zelensky addresses German parliament

Ukraine's president suggests Germany is focused on economic interests ahead of ending war. Jakob Schlandt is an energy and climate journalist for the German daily Tagesspiegel and discusses President Zelensky's concerns. Also in the programme, we hear from the chief economist of the Organisation for Economic Co-operation and Development, Laurence Boone, about the likely global economic impact of

Russia's war in Ukraine. The historic shipping firm P&O Ferries, which operates services from the UK to a number of destinations has fired 800 seafaring staff and intends to replace them with agency workers. We get the background from the BBC's Dharshini David. Plus, a BBC investigation has found that dozens of social media influencers have been promoting illegal self-tanning products described as "dangerous" by leading dermatologists. We find out more from reporter Ellie Layhe.

Today's edition is presented by Mike Johnson, and produced by Clare Williamson, Philippa Goodrich and Matthew Davies.

(Picture: President Zelensky addresses the Bundestag. Picture credit: Getty Images.)

THU 16:00 BBC News (w172xzk2pf7hksq)
The latest five minute news bulletin from BBC World Service.

THU 16:06 BBC OS (w172xxy1rrbykw5)
Ukraine: The growing refugee crisis

We are continuing our coverage of Russia's invasion of Ukraine. Two million refugees have now crossed the border into Poland since the invasion began. We hear from people in the city of Lviv in Western Ukraine – about 70k from the Polish border - where many arrive before they continue their journey.

The number of casualties in Russia's attack on a theatre in the besieged Ukrainian city of Mariupol is still unknown. We speak to our specialists who verify videos and pictures that are circulating online. And we bring more first-hand accounts of life in a country at war and speak to people who have recently managed to leave Mariupol.

And we speak to our colleague who presents a BBC podcast in Russian about the stories he's had in the podcast during the war.

(Photo: Ukrainians protesting in Scotland on March 17, 2022. Credit: Jane Barlow/PA Wire)

THU 17:00 BBC News (w172xzk2pf7hpnv)
The latest five minute news bulletin from BBC World Service.

THU 17:06 BBC OS (w172xxy1rrbypm9)
Ukraine: The growing refugee crisis

We are continuing our coverage of Russia's invasion of Ukraine. Two million refugees have now crossed the border into Poland since the invasion began. We hear from people in the city of Lviv in Western Ukraine – about 70k from the Polish border - where many arrive before they continue their journey.

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(Phone: Refugees cross the border from Ukraine to Poland, March 17, 2022. Credit: Reuters/Fabrizio Bensch)

THU 18:00 BBC News (w172xzk2pf7htdz)
The latest five minute news bulletin from BBC World Service.

THU 18:06 BBC OS (w172xxy1rrbyctf)
Ukraine: The growing refugee crisis

We are continuing our coverage of Russia's invasion of Ukraine. Two million refugees have now crossed the border into Poland since the invasion began. We hear from people in the city of Lviv in Western Ukraine – about 70k from the Polish border - where many arrive before they continue their journey.

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(Photo: A Ukrainian family from Lviv makes their way to cross the border from Poland to Ukraine, March 17, 2022. Credit:

Reuters/Fabrizio Bensch)

THU 19:00 BBC News (w172xzk2pf7hy53)
The latest five minute news bulletin from BBC World Service.

THU 19:06 The Newsroom (w172xxy0b3ck4c)
The world's Newsroom brings you global events as they happen

THU 19:30 BBC News Summary (w172xzk44v69fh)
The latest two minute news summary from BBC World Service.

THU 19:32 Sport Today (w172y0nvr06lszg)
2022/03/17 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 (w172xzk2pf7j1x7)
The latest five minute news bulletin from BBC World Service.

THU 20:06 Newshour (w172xy5n7vh016v)
Rescue teams reach bombed theatre in Mariupol

Rescue teams in the besieged Ukrainian port of Mariupol are searching for survivors of an attack on a theatre, where more than a thousand people were hiding in a bomb shelter.

Also on the programme, the mayor of Melitopol, who was kidnapped by Russian forces, describes his experience. And, British-Iranian hostages, Nazanin Zaghari-Ratcliffe and Anoosheh Ashoori, have returned to the UK from Iran.

(Photo: A woman reacts while speaking near a block of flats, which was destroyed during Ukraine-Russia conflict in the besieged southern port city of Mariupol, Ukraine March 17, 2022. REUTERS/Alexander Ermochenko)

THU 21:00 BBC News (w172xzk2pf7j5nc)
The latest five minute news bulletin from BBC World Service.

THU 21:06 Newshour (w172xy5n7vh04yz)
Rescue teams reach bombed theatre in Mariupol

Rescue teams in the besieged Ukrainian port of Mariupol are searching for survivors of an attack on a theatre, where more than a thousand people were hiding in a bomb shelter.

Also on the programme, the mayor of Melitopol, who was kidnapped by Russian forces, describes his experience. And, British-Iranian hostages, Nazanin Zaghari-Ratcliffe and Anoosheh Ashoori, have returned to the UK from Iran - we get the view from Tehran.

(Photo: A woman reacts while speaking near a block of flats, which was destroyed during Ukraine-Russia conflict in the besieged southern port city of Mariupol, Ukraine March 17, 2022. REUTERS/Alexander Ermochenko)

THU 22:00 BBC News (w172xzk2pf7j9dh)
The latest five minute news bulletin from BBC World Service.

THU 22:06 The Newsroom (w172xxy0b3clxc)
The world's Newsroom brings you global events as they happen

THU 22:30 BBC News Summary (w172xzk44v6nnw)
The latest two minute news summary from BBC World Service.

THU 22:32 World Business Report (w172xys9d2mdf72)
Zelensky addresses German parliament

Ukraine's president suggests Germany is focused on economic interests ahead of ending war. Jakob Schlandt is an energy and climate journalist for the German daily Tagesspiegel and discusses President Zelensky's concerns. Also in the programme, we hear from the chief economist of the Organisation for Economic Co-operation and Development, Laurence Boone, about the likely global economic impact of Russia's war in Ukraine. The historic shipping firm P&O Ferries, which operates services from the UK to a number of destinations has fired 800 seafaring staff and intends to replace them with agency workers. We get the background from the BBC's Dharshini David. Plus, a BBC investigation has found that dozens of social media influencers have been promoting illegal self-tanning products described as "dangerous" by leading dermatologists. We find out more from reporter Ellie Layhe.

(Picture: President Zelensky addresses the Bundestag. Picture credit: Getty Images.)

THU 23:00 BBC News (w172xzk2pf7j4m)
The latest five minute news bulletin from BBC World Service.

THU 23:06 The Inquiry (w3ct1z3g)
[Repeat of broadcast at 08:06 today]

THU 23:30 BBC News Summary (w172xzk44v6sf0)
The latest two minute news summary from BBC World Service.

THU 23:32 The Food Chain (w3ct1rb4)
[Repeat of broadcast at 11:32 today]

FRIDAY 18 MARCH 2022

FRI 00:00 BBC News (w172xzk2pf7jwr)
The latest five minute news bulletin from BBC World Service.

FRI 00:06 The Newsroom (w172xxy0b3cm4w0)
The world's Newsroom brings you global events as they happen

FRI 00:30 BBC News Summary (w172xzk44v6x54)
The latest two minute news summary from BBC World Service.

FRI 00:32 Science In Action (w3ct1i55)
Covid in the sewers

Analysis of wastewater from sewage systems has provided an early warning system for the presence of Covid-19 in communities – showing up in the water samples before people test positive. It's also possible to identify the variants and even specific genetic mutations. Davida Smyth of Texas A&M University has been using this technique in New York and found intriguing results - forms of the virus not present in humans. The suggestion is that mutated forms may be infecting other animals, possibly those present in the sewers.

An analysis of long Covid, symptoms of fatigue, and 'brain fog' which occur long after initial infection, show that around a quarter of those infected develop these symptoms. Lucy Cheke of Cambridge University discusses the implications.

The war in Ukraine has highlighted the importance of the region in supplying raw materials and energy to other countries, gas, cereal crops, and fertilisers in particular. As crop scientist John Hammond from Reading University explains, the stopping of fertiliser exports from Russia, in particular, could impact food security in many countries.

And with unseasonal fires already burning in the Western US Caroline Juang of Columbia University's Earth Observatory gives us her analysis of the driving factors in the intensification of fires year-on-year.

(Image: USA, New York, steam coming out from sewer. Credit: Westend61/Getty Images)

Presenter: Roland Pease
Producer: Julian Siddle

FRI 01:00 BBC News (w172xzk2pf7jnmw)
The latest five minute news bulletin from BBC World Service.

FRI 01:06 Business Matters (w172xvqwk54g0yl)
Zelensky addresses the Bundestag

The war in Ukraine continues. In Turkey, a proposal aimed at bringing that war to an end was discussed by Turkish president Recep Tayyip Erdogan and Russia's Vladimir Putin - we have reaction from Ukraine's deputy Prime Minister Olha Stefanishyna. Meanwhile, Ukraine's President Volodymyr Zelensky spoke to the German parliament on Thursday in an effort to build support for tougher action against Russia. Germany relies on Russian gas, oil and coal and is still paying the Kremlin hundreds of millions of dollars a day - we speak to Tagesspiegel's energy journalist Jakob Schlandt and hear from Lord Browne, former chief executive at BP. The war is taking a toll on the global economy too and the OECD has given its first assessment of the likely damage. Laurence Boone, chief economist at the OECD, tells us more. The BBC's Frey Lindsay looks at how climate change is threatening lives and livelihoods on islands in the South Pacific, and Spotify gets into the NFT space, as investor and enthusiast Peta Cooper explains. Throughout the programme Jon Bithrey is joined by Alexander Kaufman, senior reporter at Huffpost in New York and by Emily Feng, Beijing correspondent for NPR.

Photo: Zelensky address the Bundestag Credit: EPA

FRI 02:00 BBC News (w172xzk2pf7jsd0)

The latest five minute news bulletin from BBC World Service.

FRI 02:06 The Newsroom (w172xyy0b3cmdc8)

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

FRI 02:30 BBC News Summary (w172xzkx44v74nd)

The latest two minute news summary from BBC World Service.

FRI 02:32 World Football (w3ct1v0j)

Canada and Ecuador on the verge of the World Cup

Canadian international Jonathan Osorio discusses their push to qualify for Qatar 2022. We also find out more about Ecuador's World Cup hopefuls, and hear from Portugal's Andre Silva.

Picture on website: The Canadian national football team lines up for the national anthem before a game against El Salvador (Alex Pena/Anadolu Agency via Getty Images)

FRI 03:00 BBC News (w172xzk2pf7jx44)

The latest five minute news bulletin from BBC World Service.

FRI 03:06 Outlook (w3ct1k4k)

[Repeat of broadcast at 12:06 on Thursday]

FRI 03:50 Witness History (w3ct1x4k)

[Repeat of broadcast at 08:50 on Thursday]

FRI 04:00 BBC News (w172xzk2pf7k0w8)

The latest five minute news bulletin from BBC World Service.

FRI 04:06 The Newsroom (w172xyy0b3cmmvj)

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

FRI 04:30 BBC News Summary (w172xzkx44v7d4n)

The latest two minute news summary from BBC World Service.

FRI 04:32 Newsday (w172xv35xnmz4k9)

Ukraine war: 43 attacks on healthcare facilities

We'll bring you the latest from Ukraine.

We'll also hear from one Russian MP who was initially against the war but now says "We are not giving Ukraine up to the West".

We'll hear from Marina Ovsyannikova, an editor at state-controlled Channel 1, was detained, fined and released.

And our correspondent reports from the port city of Odesa where streets are deserted amid fears of an attack.

FRI 05:00 BBC News (w172xzk2pf7k4md)

The latest five minute news bulletin from BBC World Service.

FRI 05:06 Newsday (w172xv35xnmz6n4)

Explosions heard near the western city of Lviv

We continue our in depth coverage of the war in Ukraine. The shelling and the airstrikes continue and the death tolls rise but the Russian military offensive appears to be stalling. We'll find out why from a former Ukrainian defence minister.

Many African countries have refused to condemn Russia's invasion of Ukraine to the frustration of Western countries. Our senior Africa correspondent discusses this with the US's ambassador to the United Nations.

And we'll hear about the Jewish community in the Czech Republic rallying to support Ukrainian Jewish refugees there.

FRI 06:00 BBC News (w172xzk2pf7k8cj)

The latest five minute news bulletin from BBC World Service.

FRI 06:06 Newsday (w172xv35xnmz8d)

Ukraine's Lviv hit by Russia

We'll bring you the latest from Lviv, previously seen as a safe haven in the far west of Ukraine for those fleeing the bombs in the east.

We'll get the latest from Kharkiv, where Ukrainian soldiers continue against the odds to hold off a Russian advance.

And we'll find out about the economic impact of the war as analysts warn it's effect will have profound and noticeable affects for the whole world.

FRI 07:00 BBC News (w172xzk2pf7kd3n)

The latest five minute news bulletin from BBC World Service.

FRI 07:06 Newsday (w172xv35xnmz4d)

Smoke seen near Lviv's international airport

We'll bring you the latest from Lviv, which is just seventy kilometres from the Polish border, well away from the main battle zones in Ukraine's east and south.

We'll also report from Kharkiv where Ukrainian soldiers continue against the odds to hold off a Russian advance.

And while the Kremlin maintains its special operation is going to plan, we hear from a Russian MP who backs Moscow's campaign.

FRI 08:00 BBC News (w172xzk2pf7khvs)

The latest five minute news bulletin from BBC World Service.

FRI 08:06 HARDtalk (w3ct1n2p)

PM Jonas Gahr Støre: Can Norway help ease Europe's dependency on Russian energy?

Europe's dependence on Russian energy sits uneasily with Putin's war in Ukraine. Moscow is financing its invasion through revenues from such exports. One EU leader has said Russian oil and gas is being bought with the blood of the Ukrainian people. Zeinab Badawi speaks to Norway's Prime Minister Jonas Gahr Støre. Norway is one of the world's biggest oil and gas exporters. What can it do to help ease Europe off its addiction to Russian energy supplies and can this be done quickly enough to starve the Kremlin war machine of funds and save the lives of innocent Ukrainians?

(Photo: Prime Minister Jonas Gahr Støre appears on Hardtalk via videolink)

FRI 08:30 BBC News Summary (w172xzkx44v7w45)

The latest two minute news summary from BBC World Service.

FRI 08:32 Business Daily (w3ct1j1p)

How European businesses are helping Ukrainian refugees

People across Europe are opening up their homes and businesses to Ukrainians as the refugee crisis tops 3 million. Ivanka, a Ukrainian social worker who has fled to Poland, tells us about the generosity of hotelier Dorota Baranska, who is now housing her and hundreds of other refugees in her hotels. And Eugen Comandant, COO of Purcari Wineries in Moldova, explains why his company has transformed its estate into a refugee centre. Matthew Saltmarsh from the UN's refugee agency says this is Europe's worst refugee crisis since World War Two and that generous countries on Ukraine's border are starting to run out of resources. But some people based farther west are trying to create virtual ways to help. Ivan Kychatyi, a Ukrainian based in Berlin, has created the job portal UAtalents.com to that helps Ukrainians who are internally displaced or who have fled the country to find a job. And in Amsterdam, Guido Baratta has set up Designers United for Ukraine, specifically to help Ukrainians in the creative industries find work.

This programme is presented by Tamasin Ford and produced by Sarah Hawkins and Tom Kavanagh

(Photograph: Women distribute food and hot drinks at a Moldovan winery close to the Ukrainian border, Credit: Purcari Wineries)

FRI 08:50 Witness History (w3ct1x01)

The Shard

The Shard - one of the dominant features of the London skyline - opened to the public in February 2013. Designed by Italian architect Renzo Piano, the skyscraper divided public opinion: it features tall, fractured slivers of glass rising in a pyramid-like shape to a jagged spire. The Shard is also home to London's highest viewing gallery. Reena Stanton-Sharma talks to engineer, Roma Agrawal, who helped build the Shard.

PHOTO: The Shard towering over South London (Getty Images)

FRI 09:00 BBC News (w172xzk2pf7kmlx)

The latest five minute news bulletin from BBC World Service.

FRI 09:06 The Newsroom (w172xyy0b3cn715)

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

FRI 09:30 BBC News Summary (w172xzkx44v7zw9)

The latest two minute news summary from BBC World Service.

FRI 09:32 Science In Action (w3ct1155)

[Repeat of broadcast at 00:32 today]

FRI 10:00 BBC News (w172xzk2pf7krc1)

The latest five minute news bulletin from BBC World Service.

FRI 10:06 The Real Story (w3ct1htx)

War in Ukraine transforms Germany

Within days of Russia's invasion of Ukraine, Germany announced a number of significant changes to its economic and security policies. Chancellor Olaf Scholz described it as a Zeitenwende – or watershed – moment for Europe. The country would remove a self-imposed restraint on its armed forces - in place since the Second World War - and invest billions of dollars upgrading its military hardware. The government pledged to increase its defence spending to two percent of GDP making it the biggest military power in Europe. It also broke with tradition and began to supply arms to Ukraine and deploy troops on Nato's eastern flank. There is a shift in Germany's energy policy too. The country is heavily dependent on Russian oil, gas, and coal; but it has begun to cut these ties starting with the cancellation of Nord Stream 2 pipeline. Analysts say regardless of the outcome, the war in Ukraine will bring about profound and long-lasting changes to Germany and its place in Europe. So how significant is Germany's plan to re-arm its military?

Ritula Shah is joined by a panel of experts. Producers: Paul Schuster and Junaid Ahmed.

FRI 11:00 BBC News (w172xzk2pf7kw35)

The latest five minute news bulletin from BBC World Service.

FRI 11:06 The Newsroom (w172xyy0b3cnh2f)

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

FRI 11:30 BBC News Summary (w172xzkx44v87ck)

The latest two minute news summary from BBC World Service.

FRI 11:32 World Football (w3ct1v0j)

[Repeat of broadcast at 02:32 today]

FRI 12:00 BBC News (w172xzk2pf7kzv9)

The latest five minute news bulletin from BBC World Service.

FRI 12:06 The Fifth Floor (w3ct20gf)

How Russia makes war: Syrian memories

BBC Arabic: perspectives on the war in Ukraine from across the Middle East and North Africa.

Dima Babilie of BBC Arabic is from Damascus in Syria. She compares the Russian invasion of Ukraine with the Russian intervention in the Syrian conflict, and tells us about the pro-Assad Syrians who want to fight alongside the Russian forces.

Hanan Razek tells us about her investigation into Russia's recruitment of mercenaries. She spoke to a serving fighter with the secretive Wagner organisation who says he was in Kharkiv at the beginning of the invasion. She also found some recruitment ads on social media inviting mercenaries to a "picnic in Ukraine".

Mehdi Musawi works on the BBC Arabic TV and radio phone-in programme Talking Point. Its focus has been entirely on the war since the Russian invasion, and Mehdi tells us about some of the topics they have covered, and which have attracted the greatest response.

Murad Shishani was deployed to the Polish-Ukrainian border at the start of the war and interviewed Arabic-speaking refugees, many of whom had already fled war in their home countries. Murad is a Jordanian of Chechen origin, and he explained the negative reactions this sometimes provokes, on this and previous assignments.

(Photo: Composite image of destruction in Aleppo, Syria in 2017 (L) and the aftermath of shelling in Kyiv, Ukraine in March 2022. Credit: Joseph Eid/AFP via Getty Images (L),

Pavlo Bahmut/Ukrinform/NurPhoto via Getty Images)

FRI 12:50 Witness History (w3ct1x01)

[Repeat of broadcast at 08:50 today]

FRI 13:00 BBC News (w172xzk2pf7l3lf)

The latest five minute news bulletin from BBC World Service.

FRI 13:06 The Newsroom (w172xyy0b3cnqkp)

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

FRI 13:30 BBC News Summary (w172xzkx44v8gvt)

The latest two minute news summary from BBC World Service.

FRI 13:32 Science In Action (w3ct1155)

[Repeat of broadcast at 00:32 today]

FRI 14:00 BBC News (w172xzk2pf7l7bk)

The latest five minute news bulletin from BBC World Service.

FRI 14:06 Newshour (w172xv5n7vh26n5)

Ukraine war: Further shelling in Kyiv

Russian missiles have hit an aircraft maintenance site near Lviv -- the western Ukrainian city that's become a safe haven for people fleeing Moscow's invasion. Officials said buildings were destroyed and one person was injured. Lviv is close to the Polish border and has so far been spared the worst of the violence.

How is Russia's invasion of Ukraine going? We get the view of one of the US's former military commanders, David Petraeus.

We have a special report from the besieged Ukrainian city of Kharkiv.

And NASA prepares to launch its giant new moon rocket.

(Photo credit: Getty Images/Kyiv)

FRI 15:00 BBC News (w172xzk2pf7lc2p)

The latest five minute news bulletin from BBC World Service.

FRI 15:06 HARDtalk (w3ct1n2p)

[Repeat of broadcast at 08:06 today]

FRI 15:30 BBC News Summary (w172xzkx44v8qc2)

The latest two minute news summary from BBC World Service.

FRI 15:32 World Business Report (w172y47t293mkl)

Picking sides over the war in Ukraine

As Russia continues its offensive in Ukraine, the US warns China against actively supporting President Putin whilst Turkey, a NATO member, walks a tightrope because of its political and economic ties to Russia. We hear from Turkish lawyer Ali Guden and the BBC's world affairs editor John Simpson in Istanbul. Tamasin Ford reports on the fate of Ukrainian refugees and hears from one Moldovan business owner about how he's adapting to accommodate families and Phil Mercer brings us up to date about moves by Australia's competition watchdog to sue Facebook's owner, Meta, over fake ads for cryptocurrency schemes.

(Image: Moments after a rocket attack in Kharkiv; Credit: BBC)

FRI 16:00 BBC News (w172xzk2pf7lgt)

The latest five minute news bulletin from BBC World Service.

FRI 16:06 BBC OS (w172xyy1rrc1gs8)

Ukraine: Missiles outside Lviv

We'll hear from the western city of Lviv in Ukraine where missiles have hit an aircraft maintenance plant near the city. James has spoken to people about their fears in the city that has been used as a safe haven for people fleeing the fighting.

And an official in Ukraine says 130 people have been rescued so far from the rubble of the theatre hit by an airstrike in the city of Mariupol. 1300 reportedly remain trapped. We hear the latest as our correspondents understand the developing situation.

Ukraine's second city Kharkiv in the north-east has been under almost daily bombardment. We'll bring together people who are from Kharkiv, some still there, to talk about what's happening in their city.

We'll speak to our security correspondent about suggestions that Ukrainian counterattacks and logistical woes are stalling Russia's offensive.

And following a two-hour phone call between Joe Biden and Xi Jinping today, we look at the broader diplomatic discussions happening around the world -including whether Turkey is a realistic mediator in efforts to end the fighting.

(Photo: Smoke is seen above buildings following an airstrike near Lviv. Credit: Getty)

FRI 17:00 BBC News (w172xzk2pf7llky)

The latest five minute news bulletin from BBC World Service.

FRI 17:06 BBC OS (w172xyy1rrc1ljd)

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(Photo: Smoke is seen above buildings following an airstrike near Lviv. Credit: Getty)

FRI 18:00 BBC News (w172xzk2pf7lqb2)

The latest five minute news bulletin from BBC World Service.

FRI 18:06 BBC OS (w172xyy1rrc1q8j)

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(Photo: Smoke is seen above buildings following an airstrike near Lviv. Credit: Getty)

FRI 19:00 BBC News (w172xzk2pf7lv26)

The latest five minute news bulletin from BBC World Service.

FRI 19:06 The Newsroom (w172xyy0b3cpg1g)

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

FRI 19:30 BBC News Summary (w172xzkx44v96bl)

The latest two minute news summary from BBC World Service.

FRI 19:32 Sport Today (w172y0nvr06ppwk)

2022/03/18 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 (w172xzk2pf7lytb)

The latest five minute news bulletin from BBC World Service.

FRI 20:06 Newshour (w172xv5n7vh2y3y)

Interviews, news and analysis of the day's global events.

FRI 21:00 BBC News (w172xzk2pf7m2kg)

The latest five minute news bulletin from BBC World Service.

FRI 21:06 Newshour (w172xv5n7vh31w2)

Interviews, news and analysis of the day's global events.

FRI 22:00 BBC News (w172xzk2pf7m69l)

The latest five minute news bulletin from BBC World Service.

FRI 22:06 The Newsroom (w172xyy0b3cpt8v)

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

FRI 22:30 BBC News Summary (w172xzkx44v9kkz)

The latest two minute news summary from BBC World Service.

FRI 22:32 World Business Report (w172ycrgyc0t0pw)

First broadcast 18/03/2022 22:32 GMT

The latest business and finance news from around the world, on the BBC.

FRI 23:00 BBC News (w172xzk2pf7mb1q)

The latest five minute news bulletin from BBC World Service.

FRI 23:06 HARDtalk (w3ct1n2p)

[Repeat of broadcast at 08:06 today]

FRI 23:30 BBC News Summary (w172xzkx44v9pb3)

The latest two minute news summary from BBC World Service.

FRI 23:32 World Football (w3ct1v0j)

[Repeat of broadcast at 02:32 today]