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WORLD *Business* NEWS

World Business News provides a 9 minute briefing of all the big issues, with three main daily editions as the business day ends in Asia, Europe and in the Americas, incorporating:

- Clear analysis from the BBC global correspondent network
- Its genuine global reach with millions of daily listeners means we have access to key players in the global economy
- Daily share market reports from Asia, London & Wall Street

Business Daily

This 18 minute programme looks at issues in depth, including:

- A weekly comment piece on the ups and downs of **life in the office** from Lucy Kellaway of the Financial Times
- A weekly **technology** commentary from Jeremy Wagstaff
- Extended reports from locations across the globe
- Commentaries from the world's leading economists
- Listener feedback via world.business@bbc.co.uk

All our business output looks at business news in the broadest sense and how it affects our daily lives, including:

- The latest on the influence of the global **media barons**, and how the big takeover deals will affect investors, employees and consumers
- The inside story of the battles between the giant corporations and the **government regulators**
- Conflicts between growth and environment with all sides of the debate on controversial innovations like **genetically modified food**

The BBC World Service reaches the biggest global audience of any radio station. Listeners can tune in on FM in 150 capital cities around the world. We are also available on analogue shortwave in **Asia** and **Africa**, on the internet and – in **Europe** - on new digital short wave radio sets.

40 million people listen to BBC World Service every week. Individual country weekly listening figures are: **Nigeria** 5.6 million, **United States** 5.3 million, **Ghana** 3.7 million, **India** 2.4 million, **Kenya** 2.1 million, **Uganda** 1.9 million, **Indonesia** 1.9 million, **Malawi** 1.7 million, **UK** 1.3 million and **Australia** 1.1 million.

Business news globally via the Internet	2220 GMT WBN Podcast issued now Wall St close	0520 GMT WBN	0830 GMT <i>Business Daily</i> Podcast issued now	0920 GMT WBN	1120 GMT WBN East Asia close	1620 GMT WBN Europe close	1920 GMT WBN	1940 GMT WBN For Africa
Local time in New York:	5.20pm	12.20am	3.30am	4.20am	6.20am	11.20am	2.20pm	2.40pm
Local time in Argentina & Chile:	7.20pm	2.20am	5.30am	6.20am	8.20am	1.20pm	4.20pm	4.40pm
Local time in Sao Paulo & Rio:	8.20pm	3.20am	6.30am	7.20am	9.20am	2.20pm	5.20pm	5.40pm
Local time in London:	10.20pm	5.20am	8.30am	9.20am	11.20am	4.20pm	7.20pm	7.40pm
Central European time:	11.20pm	6.20am	9.30am	10.20am	12.20pm	5.20pm	8.20pm	8.40pm
Local time in Nairobi:	1.20am	8.20am	11.30am	12.20pm	2.20pm	7.20pm	10.20pm	10.40pm
Local time in Delhi:	3.50am	10.50am	2.00pm	2.50pm	4.50pm	9.50pm	12.50am	1.10am
Local time in China:	6.20am	1.20pm	4.30pm	5.20pm	7.20pm	12.20am	3.20am	3.40am
Local time in Sydney:	9.20am	4.20pm	7.30pm	8.20pm	10.20pm	3.20am	6.20am	6.40am
Market numbers included:	Dow, FTSE, BBC index*, NY Oil	Dow, FTSE, BBC index*, NY Oil		Dow, FTSE, Nikkei, BBC index*, \$/Yen, £/\$, Euro/\$	FTSE, Hong Kong, Nikkei, BBC*, \$/Yen, £/\$, Euro/\$	Dow, FTSE, BBC index*, £/\$, Euro/\$	Dow, FTSE, BBC index*, £/\$, Euro/\$	Dow, FTSE, BBC index*, cocoa, coffee, £/\$, Euro/\$

^a The **BBC index** is a real-time calculation showing what the value is now of \$100 that was invested in 20 leading stocks in Europe and America in January 2000.

[illegible]

Business news for listeners in Europe		0520 GMT WBN	0830 GMT Business Daily	0920 GMT WBN	1120 GMT WBN	1330 GMT Business Daily	1620 GMT WBR	1920 GMT WBN	2230 GMT Business Daily
Local time in UK, Ireland & Portugal:		5.20am	8.30am	9.20am	11.20pm	1.30pm	4.20pm	7.20pm	10.30pm
Central European Time:		6.20am	9.30am	10.20am	12.20pm	2.30pm	5.20pm	8.20pm	11.30pm
On Short Wave: <i>Traditional short wave aimed at Europe has ended. A digital short wave service (known as DRM) has begun, but needs a special receiver</i>	A from Ascension C from Cyprus relay E from Oman relay G from Great Britain * reception likely to be poor as signal aimed at Russia or Mid East	3.995 & 1296 mw digital 12.095 C* 9.41 C* 5.875 G*					5.79 & 3.995 digital 12.095 G* + aimed at West Africa at 1940 GMT	7.39 C* 5.955 E* 5.945 C* 5.875 G* 17.83 A+ 15.40 A+ 9.63 G+	5.875 & 3.995 digital 15.40 A^ 6.11 G^ ^ aimed at West Africa
Medium Wave: <i>Frequencies in kHz (metres)</i>	SE England, BeNeLux, Nth Germany/France: Wales+West England: In Gibraltar:	648 (463) 882 (340) 1458	648 (463) - -	648 (463) - -	648 (463) - -	648 (463) - -	648 (463) - -	648 (463) - 1458	648 (463) - 1458 (206)
UK digital radio:	Also satellite TV^	YES	YES	-	YES	at 7.40pm	-	YES	at 2.40am
BBC FM relays:	Berlin: Budapest, Hungary: Prague * Czech R: Tirane, Albania:	90.2 92.1 101.1 103.9	90.2 - 101.1 -	90.2 - 101.1 -	90.2 - 101.1 103.9	90.2 - 101.1 103.9	90.2 - 101.1 -	90.2 92.1 101.1 103.9	90.2 - 101.1 103.9
FM rebroadcasts:	Nice/French riviera: (Radio Intern'l/Riviera R) In Geneva: (on WRS) In Gibraltar: In Malaga, Spain: (Coastline Radio) In Malta: (Campus FM) In Oslo: (NRK) In Stockholm: (SRI)	100.5-101 106.3-106.5 88.4 92.6 88.5 103.7 93.0 -	- - - - 88.5 - - -	- - - - 88.5 - - -	- 88.4 - - 88.5 - - -	- - - - 88.5 - - -	- - - - 88.5 - - -	- - 100.5 88.5 88.5 - - -	- - 100.5 88.5 103.7 93.0 89.6
Bulgaria, Finland, Greece & Romania:		7.20am	10.30am	11.20am	1.20pm	3.30pm	6.20pm	9.20pm	12.30am
On FM:	In Athens: (on AIR) Bucharest, Romania:	104.4 88.0	104.4 88.0	- 88.0	- 88.0	104.4 88.0	- 88.0	104.4 88.0	- 88.0

* also in Czech Rep in Brno 101.3, Ceske Budejovice 89.8, Hradec Kralove 99.1, Jihlava 96.7, Karlovy Vary 94.7, Liberec 99.2, Olomouc 105.6, Ostrava 106.3, Plzen 98.6, Usti nad Labem 105.8 and Zlin 93.9. + also in Romania in Timisoara 93.9, Sibiu 96.9 and Constanta 88.4 and in Chisinau in Moldova on 97.2
Also by **Satellite** across Europe on Hotbird (13 degE 11.727 GHz (27500, 3/4) Vertical) and in **France** on satellite Canal Sat Channel 119.

^ Sky TV Channel 0115 in **UK** (Astra 2D 28.2degE 10.802 GHz (22000, 5/6) Horiz) and on **Radio 4 overnight** on FM/Long Wave, with WBNews at 2.20am and Biz Daily at 2.40am.

Business news for listeners in Africa		0220 GMT WBN	0520 GMT WBN	0830 GMT Business Daily to South & East Africa	0920 GMT WBN to South & East Africa	1120 GMT WBN to West Africa only	1540 GMT Business Daily	1940 GMT WBN	2230 GMT Business Daily to West Africa only
Local time in West Africa:		2.20am	5.20am	-	-	11.20am	3.40pm	7.40pm	10.20pm
Nigeria & Central African Time:		3.20am	6.20am	-	-	12.20pm	4.40pm	8.40pm	11.20pm
Local time in Southern Africa:		4.20am	7.20am	10.30am	11.20am	-	5.40pm	9.40pm	-
Time in Kenya & Uganda:		5.20am	8.20am	11.30am	12.20pm	-	6.40pm	10.40pm	-
Local time in Mauritius & Seychelles:		6.20am	9.20am	12.30pm	1.20pm	-	7.40pm	11.40pm	-
On Short Wave: <i>Frequencies in MHz - multiply by a thousand for kHz</i>	A from Ascension Is C from Cyprus relay G from Great Britain M from Meyerton, South Africa Y from Seychelles	6.005 Y	17.64 C 15.42 Y 11.945 Y 11.765 M 7.255 A 6.19 M 6.005 A 3.255 M	21.47 Y 17.64 Y 9.86 M 6.19 M	21.47 Y 17.64 Y 9.86 M 6.19 M	17.83 A 15.40 A	21.47 A 17.83 A 15.42 C 15.40 A 9.86 M 6.19 M	17.83 A 15.40 A 12.095 C 9.63 G 9.41 Y 6.19 M 6.005 Y 3.255 M	15.40 A 6.155 M 6.11 G
On FM in West: <i>Frequencies in MHz</i>	In Accra, Ghana: Abidjan, Ivory Coast: In Dakar, Senegal:	101.3 94.3 105.6	101.3 94.3 105.6	- - -	- - -	101.3 - -	101.3 94.3 105.6	101.3 94.3 105.6	101.3 94.3 105.6
On FM in East: <i>Frequencies in MHz</i>	Nairobi, Kenya: Mombasa, Kenya: Maputo, Mozambique In Kampala, Uganda: In Lusaka, Zambia:	93.9 93.9 95.5 101.3 98.0	93.9 93.9 95.5 101.3 98.0	93.9 93.9 95.5 101.3 98.0	93.9 93.9 95.5 101.3 98.0	- - - - -	- - - - 98.0	93.9 93.9 95.5 101.3 98.0	- - - - -

Business news for listeners in US & Canada Relayed on US Public Radio and all day on Sirius satellite radio		1120 GMT WBN + 1140 GMT <i>Business Daily</i>	1330 GMT <i>Business Daily</i> Repeated 2 hrs later on Sirius	1620 GMT WBN Europe close	1920 GMT WBN	2220 GMT WBN Wall St close	0120 GMT WBN	0220 GMT WBN + 0240 GMT <i>Business Daily</i>	0520 GMT WBN + 0540 GMT <i>Business Daily</i>	Over- night: 0820 GMT WBN
Time in California and Seattle: (Pacific)		3.20am	5.30am	8.20am	11.20am	2.20pm	5.20pm	6.20pm	9.20pm	1.20am
Medium Wave:	Jefferson public radio: in northern California and southern Oregon, including Eugene KRVM)	1280 (234)	1280 (234)	-	-	-	-	1280 (234)	-	1280 (234)
On FM:	San Francisco:	91.7 (KALW)	-	-	-	-	91.7 Not Fri	-	88.5 (KQED)	91.7 (KALW)
	Sacramento: (KQED)	-	-	-	-	-	-	-	89.3	89.3
	Las Vegas, NV: (KNPR)	88.9	-	-	-	-	-	-	88.9	88.9
	San Bernadino: (KVCR)	-	-	-	-	-	-	-	91.9	91.9
	San Diego, CA: (KPBS)	-	-	-	-	-	-	89.5	-	-
	Santa Cruz, CA: (KSFB)	91.9	91.9	91.9	91.9	91.9	-	-	-	91.9
Time in Colorado: (Mountain)		4.20am	6.30am	9.20am	12.20pm	3.20pm	6.20pm	7.20pm	10.20pm	2.20am
Medium Wave:	Denver / Boulder: (Colorado wide inc KCFR)	-	-	-	-	-	-	-	1340 (224) 1490 (201)	1340 1490
On FM:	Billings, Montana: (KEMC)	-	-	-	-	-	-	-	91.7	-
	Park City, UT: (KPCW)	91.9	-	-	-	-	-	-	91.9	91.9
	Pocatello, Idaho: (KISU)	91.1	91.1	-	-	-	-	-	91.1	91.1
	Salt Lake City: (KCPW)	88.3	-	-	-	-	-	-	88.3	88.3
	Santa Fe, NM: (KSFR)	101.1	-	-	-	-	101.1	-	-	101.1
Time in Chicago and Texas: (Central)		5.20am	7.30am	10.20am	1.20pm	4.20pm	7.20pm	8.20pm	11.20pm	3.20am
Medium Wave:	Iowa: (WSUI and WOI-AM)	-	-	-	-	-	-	-	910 (330) 640 (469)	910 640
<i>In kHz (metres)</i>	Illinois: (WILL-AM)	-	-	-	-	-	-	580 (517)	580 (517)	580
	Nashville, Tennessee: (WPLN-AM)	1430 (210)	-	-	-	-	-	-	1430 (210)	1430 (210)
	Wisconsin State: (Ideas Network inc WHA-AM)	970 (309)	-	-	-	-	-	-	970^ (309)	970 (309)
On FM:	Chicago: (WBEZ)	-	-	-	-	-	-	-	91.5^	-
	Dallas: (KERA)	-	-	-	-	-	-	-	90.1	90.1
	Minnesota: inc St Paul (KNOW)	-	-	-	-	-	-	-	91.1	91.1
	Mississippi State: inc Jackson (WMPN)	-	-	-	-	-	-	-	91.3	91.3
	Oklahoma: (KWGS, Tulsa)	-	-	-	-	-	-	-	89.5	89.5
	St Louis, Missouri: (KWMU)	-	-	-	-	-	-	-	90.7	90.7
	San Antonio, TX: (KSTX)	-	-	-	-	-	-	-	89.1	89.1
	Waco, TX: (KWBU)	-	-	-	-	-	-	-	103.3	103.3
Time in New York and Toronto:		6.20am	8.30am	11.20am	2.20pm	5.20pm	8.20pm	9.20pm	12.20am	4.20am
Medium Wave:	Athens, Ohio: (WOUB)	1340 (224)	-	-	-	-	-	-	-	-
<i>In kHz (metres)</i>	Columbus, Ohio: (WOSU)	-	-	-	-	-	-	820 (366)	820 (366)	820
	New York: (WNYC-AM)	-	-	-	-	-	-	-	820 (366)	-
On FM:	Boston: (WBUR)	-	-	-	-	-	-	-	90.9	90.9
	Burlington, Vermont: (WVPR)	88.7	-	-	-	-	-	-	-	88.7
	Charlottesville: (WVTF-IQ)	89.7	89.7	-	-	89.7	-	-	89.7	89.7
	+other areas western Virginia	91.5	91.5	-	-	91.5	-	-	91.5	91.5
	Harrisonberg, Virginia: (WEMC)	91.7	91.7	-	-	91.7	-	-	-	-
	New York State North: inc Syracuse (WRVO)	-	-	-	-	-	90.3	-	-	90.3
	Radford, Virginia: (WVRU)	89.9	-	-	-	-	-	-	-	-
	Salisbury, Maryland: also Delaware (WSDL)	-	-	-	-	-	-	90.7	90.7	90.7
	Washington DC: (WAMU)	-	-	-	-	-	-	-	88.5*	88.5

A further 74 sets of US public radio stations carry World Service between Midnight and 5am local time. ^ Business Daily only * WBR only

Business news in Caribbean and XM satellite radio in USA		1120 GMT WBN	1140 GMT* <i>Biz Daily</i> also 1330G	1620 GMT WBN	1920 GMT WBN	2230 GMT <i>Biz Daily</i> (not Fri)	0040 GMT <i>Biz Daily</i> (not Fri)	0220 GMT WBN	0520 GMT WBN	Over- night: 0920 GMT WBN
Time in California: (Pacific)		3.20am	3.40am	8.20am	11.20am	2.30pm	4.40pm	6.20pm	9.20pm	1.20am
Time in Colorado: (Mountain)		4.20am	4.40am	9.20am	12.20pm	3.30pm	5.40pm	7.20pm	10.20pm	2.20am
Central Time and in Mexico City:		5.20am	5.40am	10.20am	1.20pm	4.30pm	6.40pm	8.20pm	11.20pm	3.20am
In New York and Jamaica:		6.20am	6.40am	11.20am	2.20pm	5.30pm	7.40pm	9.20pm	12.20am	4.20am
Time in East Caribbean:		7.20am	7.40am	12.20pm	3.20pm	6.30pm	8.40pm	10.20pm	1.20am	5.20am
On FM:	Jamaica:	-	104.1-104.9	104.1-104.9	104.1-104.9	104.1-104.9	104.1-104.9	104.1-104.9	104.1-104.9	104.1 to 9
* 1140 Biz Daily not on XM-listen at 1330	Trinidad:	-	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	Antigua:	-	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1

Business news for listeners in Middle East, Russia & Central Asia		0220 GMT WBN Wall St close	0520 GMT WBN +0540 GMT <i>Biz Daily</i>	0920 GMT WBN	1120 GMT WBN East Asia close	1540 GMT <i>Business Daily</i>	1620 GMT WBN Europe close	1920 GMT WBN Europe close
In East Mediterranean/ Cyprus: (also Baltic States, Belarus and Ukraine)		4.20am	7.20am	11.20am	1.20pm	5.40pm	6.20pm	9.20pm
Local time in Moscow: (& Bahrain, Iraq, Kuwait, Qatar, S Arabia, Yemen)		5.20am	8.20am	12.20pm	2.20pm	6.40pm	7.20pm	10.20pm
Local time in Iran:		5.50am	8.50am	12.50pm	2.50pm	7.10pm	7.50pm	10.50pm
Time in Azerbaijan, Oman & UAE:		6.20am	9.20am	1.20pm	3.20pm	7.40pm	8.20pm	11.20pm
Local time in Afghanistan:		6.50am	9.50am	1.50pm	3.50pm	8.10pm	8.50pm	11.50pm
On Short Wave:	C from Cyprus relay E from Oman G from Great Britain T from Thailand	7.41 C 6.195 C	15.36 E 12.095 C* 9.41 C 5.875 G* ^ WBR only	15.575 C 11.76 E	15.575 C 11.76 E	12.095 G	12.095 G	7.39 C* 5.955 E 5.945 C 5.875 G*
Frequencies in MHz * for Western Russia								
On Medium Wave:	Cyprus to E Med'n:	1323 (227)	1323 (227)	1323 (227)	1323 (227)	1323 (227)	1323 (227)	1323 (227)
Frequencies in kHz (m)	In Persian Gulf:	1413 (212)	-	-	-	-	-	1413 (212)

Business news for listeners in India & Pakistan also Bangladesh, Nepal & Sri Lanka		0120 GMT WBN	0140 GMT <i>Biz Daily</i> Not Monday	0220 GMT WBN	0520 GMT WBN	0830 GMT <i>Business Daily</i>	1120 GMT WBN	1330 GMT <i>Business Daily</i>
Local time in Pakistan:		6.20am	6.40am	7.20am	10.20am	1.30pm	4.20pm	6.30pm
Time in India and Sri Lanka:		6.50am	7.10am	7.50am	10.50am	2.00pm	4.50pm	7.00pm
Local time in Nepal:		7.05am	7.25am	8.05am	11.05pm	2.15pm	5.05pm	7.15pm
Local time in Bangladesh:		7.20am	7.40am	8.20am	11.20pm	2.30pm	5.20pm	7.30pm
On Short Wave:	C from Cyprus relay E from Oman (East) F from Singapore T from Thailand relay	15.31 F 11.955 T 9.41 T 5.97 E	15.31 F 11.955 T 9.41 T 5.97 E	15.31 T 9.41 E	17.79 T 15.31 E	17.79 E 15.31 T	17.79 E 15.31 T	15.31 E 9.41 E
Frequencies in MHz - times by 1,000 for kHz								
Medium Wave:	NW India:	1413 (212)	-	1413 (212)	-	-	-	-
On FM:	Dhaka Bangladesh:	100 MHz	-	100 MHz	100 MHz	100 MHz	100 MHz	100 MHz

Business for listeners in Australia also New Zealand and the Pacific		1820 GMT WBN	1920 GMT WBN	2220 GMT WBN	0120 GMT WBN	0140 GMT <i>Biz Daily</i>	0920 GMT WBN	1120 GMT WBN Asia close on net only	1330 GMT <i>Biz Daily</i>
Local time in Perth: (Western Aus)		3.20am	4.20am	7.20am	10.20am	10.40am	6.20pm	8.20pm	10.30pm
Local time in Darwin: (Northern Ter)		3.50am	4.50am	7.50am	10.50am	11.10am	6.50pm	8.50pm	11.00pm
Local time in Queensland:		4.20am	5.20am	8.20am	11.20am	11.40am	7.20pm	9.20pm	11.30pm
Local time in Adelaide: (South Aus)		4.50am	5.50am	8.50am	11.50am	12.10pm	7.50pm	9.50pm	12 Midnt
In Sydney & Melbourne:		5.20am	6.20am	9.20am	12.20pm	12.40pm	8.20pm	10.20pm	12.30am
Local time in New Zealand:		7.20am	8.20am	11.20am	2.20pm	2.40pm	10.20pm	12.20am	2.30am
Medium Wave:	In Sydney #:	630 (476)	-	-	-	-	-	-	630 (476)
Frequencies in kHz (metres)	In Perth #:	585 (512)	-	-	-	-	-	-	585 (512)
	In Auckland:	1476 (203)	1476 (203)	1476 (203)	1476 (203)	1476 (203)	1476 (203)	-	1476 (203)
On FM:	In Darwin #:	102.5	-	-	-	-	-	-	102.5

On ABC News Radio also in Canberra 1440 kHz (208m), Brisbane 936 (321), Newcastle 1458 (206), Melbourne 1026 (292), Adelaide 972 (309) and Hobart 729 kHz (412m)
For listeners in the Pacific, Radio New Zealand International relays BBC World Business News at 0120 GMT on 15.72 MHz short wave and 17.675 on digital short wave.