

HIGH SPEED LINES IN THE WORLD (Summary)

Updated 20th April 2018

Definitions

In operation: It is now operating on High Speed.
 Under construction: It is now constructing of High Speed lines.
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Lines or sections of lines in which operation $V \geq 250$ km/h¹

1: There are some exceptions.

Area	Country	Distance(km)				Total
		1. In operation	2. Under construction	3. Planned	4. Long-term planning	
ASIA	BAHRAIN and QATAR	-	-	-	180	180
ASIA	CHINA (Passengers Dedicated Lines / PDL)	26,869	10,738	1,268	257	39,132
ASIA	INDIA	-	-	508	4,126	4,634
ASIA	INDONESIA	-	-	712	-	712
ASIA	IRAN	-	-	1,351	1,499	2,850
ASIA	JAPAN (SHINKANSEN SYSTEM)	3,041	402	194	-	3,637
ASIA	KAZAKHSTAN	-	-	-	1,011	1,011
ASIA	MALAYSIA and SINGAPORE	-	-	350	-	350
ASIA	SAUDI ARABIA	-	453	-	-	453
ASIA	SOUTH KOREA	887	-	49	-	936
ASIA	TAIWAN-CHINA	354	-	-	-	354
ASIA	THAILAND	-	-	615	2,262	2,877
ASIA	TURKEY	724	1,395	1,127	3,447	6,693
ASIA	VIETNAM	-	-	-	1,600	1,600
EUROPE	AUSTRIA	268	281	71	-	620
EUROPE	BELGIUM	209	-	-	-	209
EUROPE	CZECH REPUBLIC	-	-	-	810	810
EUROPE	DENMARK	-	56	-	-	56
EUROPE	ESTONIA, LATVIA, LITHUANIA (Rail Baltica)	-	-	-	740	740
EUROPE	FRANCE	2,814	-	-	1,713	4,527
EUROPE	GERMANY	1,658	185	-	210	2,053
EUROPE	ITALY	896	53	-	152	1,101
EUROPE	NORWAY	-	-	-	333	333
EUROPE	POLAND	224	-	484	598	1,306
EUROPE	PORTUGAL	-	-	-	596	596
EUROPE	RUSSIA	-	-	770	2,208	2,978
EUROPE	SPAIN	2,852	904	1,061	-	4,817
EUROPE	SWEDEN	-	11	-	739	750
EUROPE	SWITZERLAND	144	15	-	-	159
EUROPE	THE NETHERLANDS	120	-	-	-	120
EUROPE	UNITED KINGDOM	113	230	320	-	663
OTHER	AUSTRALIA	-	-	-	1,749	1,749
OTHER	BRAZIL	-	-	-	511	511
OTHER	CANADA	-	-	-	290	290
OTHER	EGYPT	-	-	-	1,210	1,210
OTHER	MEXICO	-	-	-	210	210
OTHER	MOROCCO	-	200	-	1,114	1,314
OTHER	SOUTH AFRICA	-	-	-	2,390	2,390
OTHER	USA	735	192	1,710	449	3,086
ASIA(16)		31,875	12,988	6,174	14,382	65,419
EUROPE(19)		9,298	1,735	2,706	8,099	21,838
OTHER(8)		735	392	1,710	7,923	10,760
TOTAL(43)		41,908	15,115	10,590	30,404	98,017

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Area	Country	Status	Section	Max.Speed (km/h)	Date	Distance (km)
ASIA	BAHRAIN and QATAR	4. Long-term planning	Doha – Manama	350		180
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qinhuangdao – Shenyang North	250	2003.12.31	404.9
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanjing South – Hefei	250	2008.04.18	148
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Beijing South – Tianjing	350	2008.08.01	118
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qingdao – Jinan	200	2009.01.10	393
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hefei East – Hankou	250	2009.04.01	380
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shijiazhuang North – Taiyuan	250	2009.04.18	227
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Suining – Chengdu East	200	2009.07.01	146
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Ningbo – Cangnan	250	2009.09.28	351
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Wuhan – Guangzhou South	350	2009.12.26	1079.4
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou East – Xi'an North	350	2010.02.06	553
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Cangnan – Fuzhou	250	2010.04.26	211
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Fuzhou – Xiamenbei	250	2010.04.26	234
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chengdu – Qingchengshan	200	2010.05.10	65.4
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shanghai – Nanjing	350	2010.07.01	323.5
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Jiujiang – Nanchang West	250	2010.08.28	138
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shanghai Hongqiao – Hangzhou South	350	2010.10.26	173
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Haikou – Sanya (East Ring)	250	2010.12.30	308.1
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Guangzhou South – Zhuhai	200	2011.01.07	142.9
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changchun – Jilin	250	2011.01.11	110.9
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Beijing South – Shanghai Hongqiao	350	2011.06.03	1318.3
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Guangzhou South – Shenzhen North	250	2011.12.26	111
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Longyan – Zhangzhou	200	2012.06.29	113.5
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hankou – Yichang East	200	2012.07.01	292.1
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou East – Wuhan	350	2012.09.28	525.6
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Bengbu South – Hefei	350	2012.10.16	130.6
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Dalian North – Harbin West	350	2012.12.01	921.2
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Taigemu – Baotou	200	2012.12.15	145
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Beijing West – Zhengzhou East	350	2012.12.26	676.2
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Taishansuo(block station) – Liuzhou	200	2012.12.28	498
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanjing South – Hangzhou East	350	2013.07.01	254
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hangzhou South – Ningbo	350	2013.07.01	155
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Panjin North – Yingkou East	350	2013.09.12	90
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanchang West – Fuzhou	200	2013.09.26	547
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Yongtai – Putian	200	2013.09.26	59
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tianjin – Qinhuangdao	350	2013.12.01	288
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xi'an North – Baoji South	350	2013.12.28	137
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xiamen North – Shenzhen North	250	2013.12.28	513
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanhu East – Xianning South	250	2013.12.28	76
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Liuzhou – Nanning	250	2013.12.28	223
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qinzhou North – Fangchenggang	250	2013.12.28	62
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanning East – Beihai	250	2013.12.28	197
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Pixian West – Pengzhou	200	2013.12.28	21
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chongqing North – Liangwu	200	2013.12.28	265
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanning – Genzhu	250	2014.04.16	143
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Genzhu – Guangzhou South	200	2014.04.16	431
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Wuhan – Dayebei	250	2014.06.18	91
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Gedian South – Huanggangdong	250	2014.06.18	36
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Taiyuan South – Xi'an North	250	2014.07.01	571
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hangzhou South – Changsha South	350	2014.12.10	911
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changsha South – Xinhua West	350	2014.12.16	420
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Jiangyou – Chengdu East	250	2014.12.20	153
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chengdu East – Leshan	250	2014.12.20	135
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Leshan – Emeshan	250	2014.12.20	27
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Lanzhou West – Ürümqi South	250	2014.12.26	1785
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Longlibei – Guangzhou South	250	2014.12.26	857
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Qingdao – Rongcheng	250	2014.12.28	301
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou East – Songchenglu	200	2014.12.28	50
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Ximotang – Yantai	250	2015.02.19	19
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanyangzhai – Jiaozuo	200	2015.06.16	70
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xinhua West – Guiyang North	350	2015.06.18	286
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hefeiweicheng – Fuzhou	350	2015.06.28	850
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Harbin North – Qiqihaer South	250	2015.08.17	269
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shenyang South – Dandong	250	2015.09.01	208

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Area	Country	Status	Section	Max.Speed (km/h)	Date	Distance (km)
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tianjin - Yujiapu	350	2015.09.20	43
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Jilin - Huichun	250	2015.09.20	361
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanjing East - Anqing	250	2015.12.06	257
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Nanning - Baise	250	2015.12.11	223
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Dandong - Dalian North	200	2015.12.17	293
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chengdu East - Banbisha(block station)	250	2015.12.25	296
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tangyassuo(block station) - Wenzhou South	200	2015.12.26	190
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Ganxian - Longyan	200	2015.12.26	248
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Tianjin West - Bazhou West	250	2015.12.28	73
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Bazhou West - Xushui	200	2015.12.28	65
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Haikou - Sanya (West Ring)	200	2015.12.30	345
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou East - Xinzheng Airport	200	2015.12.31	27
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Foshan West - Zhaoqing	200	2016.03.30	81
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changping East - Xiaojinkou	200	2016.03.30	53
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Zhengzhou - Xuzhou	350	2016.09.10	357
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Chongqing North - Wanzhou North	250	2016.11.25	246
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Hankou - Xiaogan East	200	2016.11.25	61
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changsha - Zhuzhou	200	2016.12.26	82
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Guiyang North - Kunming	250	2016.12.28	463
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Kunming - Baise	250	2016.12.28	487
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Daye North - Yangxin	250	2017.06.11	37
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Baoji South - Lanzhou West	250	2017.07.09	401
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Ulanqab - Hohht East	250	2017.08.03	128
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Yangxin - K23 Block Station	250	2017.09.25	82
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Xi'an North - Jinangyou	250	2017.12.06	505
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Huaibei North - Xiaoxian North	250	2017.12.26	25
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Shijiazhuang - Ji'nan West	250	2017.12.28	298
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Quzhou - Jiuliang	200	2017.12.28	334
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Dongguan - Changping East	200	2017.12.28	48
ASIA	CHINA (Passengers Dedicated Lines / PDL)	1. In operation	Changsha West - Changsha	200	2017.12.28	21
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Chongqing - Guiyang	200	2018.01.25	345
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Yuanping - Taiyuan South	250	2018.06.	113
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Harbin - Jiamusi	200	2018.06.	333
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Jiangmen - Maoming	200	2018.08.	265
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Guangdong - Dali	200	2018.09.	165
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Chengdu - Pujiang	200	2018.09.	100
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Hangzhou - Huangshan	250	2018.09.	265
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Lianyungang - Yancheng	200	2018.09.	234
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Nanping - Longyan	200	2018.09.	247
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Harbin - Mudanjiang	250	2018.12.	293
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Shenyang - Niuheliang	350	2018.12.	407
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Shenzhen - Futian	200	2018.12.	4
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Huaihua - Shaoyang	200	2018.12.	312
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Yanghe - Ganyu North	200	2018.12.	153
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Tongliao - Xinmin North	250	2018.12.	197
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Niuheliang - Chengde South	350	2018.12.	98
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Shangqiu - Hangzhou (via Hefei)	350	2019.	770
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing - Tangshan	350	2019.	149
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing - Zhangjiakou	300	2019.	174
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Chengdu - Guiyang	250	2019.	633
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Xuzhou - Yancheng	250	2019.	316
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Nanchang - Ganzhou	350	2020.	420
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Ganzhou - Shenzhen	350	2020.	432
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Zhengzhou - Wanzhou	350	2021.	785
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Fuzhou - Xiamen(Zhanzhou)	350		297
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Zhengzhou - Fuyang	300		277
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Datong - Taiyuan	250		289
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Huangshi - Jiuliang	250		112
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Wuhan - Huangshi	200		96
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Mudanjiang - Jiamusi			375
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Zhangjiajie - Huaihua			247
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Zhongwei - Lanzhou			218
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Nanning - Guiyang			482
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Lianyungang - Xuzhou			180

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ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing - Bazhou			78
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing - Tianjin Binhai New Area			98
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Chongli Railway			67
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Lanfang - Zhuozhou			65
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Capital Airport - Beijing New Airport			160
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Pinggu section - Ring Line Langfang			88
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Gu'an - Baoding			106
ASIA	CHINA (Passengers Dedicated Lines / PDL)	2. Under construction	Beijing - Shijiazhuang			293
ASIA	CHINA (Passengers Dedicated Lines / PDL)	3. Planned	Chongqing - Kunming	350		720
ASIA	CHINA (Passengers Dedicated Lines / PDL)	3. Planned	Guangzhou - Shantou	300		194
ASIA	CHINA (Passengers Dedicated Lines / PDL)	3. Planned	Chifeng - Kazuo	250		157
ASIA	CHINA (Passengers Dedicated Lines / PDL)	3. Planned	Tongliao - Xinmin	250		197
ASIA	CHINA (Passengers Dedicated Lines / PDL)	4. Long-term planning	Zhangjiakou - Datong	250		137
ASIA	CHINA (Passengers Dedicated Lines / PDL)	4. Long-term planning	Meizhou - Shantou	250		120
ASIA	INDIA	3. Planned	Mumbai - Amehdabad	320	2023.08.15	508
ASIA	INDIA	4. Long-term planning	Hyderabad - Chennai	300		720
ASIA	INDIA	4. Long-term planning	Chennai - Thiruvananthapuram	300		1080
ASIA	INDIA	4. Long-term planning	Mumbai - Pune			185
ASIA	INDIA	4. Long-term planning	Delhi - Amritsar			480
ASIA	INDIA	4. Long-term planning	Delhi - Patna	300		991
ASIA	INDIA	4. Long-term planning	Patna - Howrah-Kolkata	300		
ASIA	INDIA	4. Long-term planning	Howrah-Kolkata - Haldia	300		140
ASIA	INDIA	4. Long-term planning	Delhi - Jodhpur	320		530
ASIA	INDONESIA	3. Planned	Jakarta - Bandung	250	2024.	142
ASIA	INDONESIA	3. Planned	Bandung - Surabaya	300	2020.	570
ASIA	IRAN	3. Planned	Qom - Isfahan	300	2021.	275
ASIA	IRAN	3. Planned	Teheran - Qom	200	2021.	150
ASIA	IRAN	3. Planned	Teheran - Mashhad	270		926
ASIA	IRAN	4. Long-term planning	Qom - Arak			146
ASIA	IRAN	4. Long-term planning	Teheran - Hamedan			260
ASIA	IRAN	4. Long-term planning	Teheran - Tabriz			600
ASIA	IRAN	4. Long-term planning	Esfahan - Shiraz			493
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Tokyo - Shin Osaka (Tokaido)	285	1964.10.01	515
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Shin Osaka - Okayama (San-yo)	300	1972.03.15	161
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Okayama - Hakata (San-yo)	300	1975.03.10	393
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Omiya - Morioka (Tohoku)	320	1982.06.23	465
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Omiya - Niigata (Joetsu)	240	1982.11.15	270
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Ueno - Omiya (Tohoku)	110	1985.03.14	27
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Tokyo - Ueno (Tohoku)	70	1991.06.20	4
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Fukushima - Yamagata (Yamagata)	130	1992.07.01	87
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Morioka - Akita (Akita)	130	1997.03.22	127
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Takasaki - Nagano (Hokuriku)	260	1997.10.01	117
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Yamagata - Shinjo (Yamagata)	130	1999.12.04	62
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Morioka - Hachinohe (Tohoku)	260	2002.12.01	97
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Shin Yatsushiro - Kagoshima Chuo (Kyushu)	260	2004.03.13	127
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Hachinohe - Shin Aomori (Tohoku)	260	2010.12.04	82
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Hakata - Shin Yatsushiro (Kyushu)	260	2011.03.12	130
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Nagano - Kanazawa (Hokuriku)	260	2015.03.14	228
ASIA	JAPAN (SHINKANSEN SYSTEM)	1. In operation	Shin Aomori - Shin Hakodate (Hokkaido)	260	2016.03.26	149
ASIA	JAPAN (SHINKANSEN SYSTEM)	2. Under construction	Takeo Onsen - Isahaya (Kyushu)		2022.	45
ASIA	JAPAN (SHINKANSEN SYSTEM)	2. Under construction	Isahaya - Nagasaki (Kyushu)		2022.	21
ASIA	JAPAN (SHINKANSEN SYSTEM)	2. Under construction	Kanazawa - Tsuruga (Hokuriku)	260	2023.	125
ASIA	JAPAN (SHINKANSEN SYSTEM)	2. Under construction	Shin Hakodate - Sapporo (Hokkaido)	260	2031.	211
ASIA	JAPAN (SHINKANSEN SYSTEM)	3. Planned	Tsuruga - Shin Osaka (Hokuriku)		2046.	143
ASIA	JAPAN (SHINKANSEN SYSTEM)	3. Planned	Shin Tosu - Takeo Onsen (Kyushu)			51
ASIA	KAZAKHSTAN	4. Long-term planning	Astana - Almaty	250		1011
ASIA	MALAYSIA and SINGAPORE	3. Planned	Kuala Lumpur - Johor Bahru - Singapore	320	2026.	350
ASIA	SAUDI ARABIA	2. Under construction	Medina - Jeddah - Mecca	300	2018.03	453
ASIA	SOUTH KOREA	1. In operation	Seoul - Dongdaegu	305	2004.	330
ASIA	SOUTH KOREA	1. In operation	Dongdaegu - Busan	305	2010.	82
ASIA	SOUTH KOREA	1. In operation	Osong - Gwangju	305	2015.	184
ASIA	SOUTH KOREA	1. In operation	Suseo - Pyeongtaek	305	2016.	61
ASIA	SOUTH KOREA	1. In operation	Seoul - Gangneung	250	2017.12.20	230
ASIA	SOUTH KOREA	3. Planned	Gwangju - Mokpo	300	2025.	49

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1: There are some exceptions.

Area	Country	Status	Section			Max.Speed (km/h)	Date	Distance (km)
ASIA	TAIWAN-CHINA	1. In operation	Taipei	- Kaohsiung		300	2007.	345
ASIA	TAIWAN-CHINA	1. In operation	Taipei	- Nangang		130	2016.	9
ASIA	THAILAND	3. Planned	Ayuthaya	- Nakhon Ratchasima	- Nong Khai	250		615
ASIA	THAILAND	4. Long-term planning	Bangkok	- Chiang Mai		250		745
ASIA	THAILAND	4. Long-term planning	Bangkok	- Rayong		250		221
ASIA	THAILAND	4. Long-term planning	Bangkok	- Hai Yai	- Padang Desar?	250		982
ASIA	THAILAND	4. Long-term planning	Nakhon Ratchasima	- Ubon Ratchasima		250		314
ASIA	TURKEY	1. In operation	(Ankara-)Sinkan	- Eskisehir		250	2009.	232
ASIA	TURKEY	1. In operation	Polatli	- Konya		250	2011.	212
ASIA	TURKEY	1. In operation	Eskisehir	- İzmit		250	2014.	190
ASIA	TURKEY	1. In operation	İzmit	- Pendik		160	2014.	67
ASIA	TURKEY	1. In operation	Kayseri Kuzey Geçşi			160	2016.	23
ASIA	TURKEY	2. Under construction	Bursa	- Osmanieli		250		105
ASIA	TURKEY	2. Under construction	Kayaş	- Yerköy		300		152
ASIA	TURKEY	2. Under construction	Yerköy	- Sivas		300		245
ASIA	TURKEY	2. Under construction	Polatlı	- Uşak		300		278
ASIA	TURKEY	2. Under construction	Uşak	- İzmir		300		192
ASIA	TURKEY	2. Under construction	Konya	- Karaman		200		102
ASIA	TURKEY	2. Under construction	Sivas	- Erzincan		250		242
ASIA	TURKEY	2. Under construction	Adana	- Osmaniye(Toprakkale)		200		79
ASIA	TURKEY	3. Planned	Yerköy	- Kayseri		250		140
ASIA	TURKEY	3. Planned	Halkalı	- Kapikule(Bulgaria Border)		250		230
ASIA	TURKEY	3. Planned	Gebze	- İstanbul		250		55
ASIA	TURKEY	3. Planned	Antalya	- Afyon	- Eskisehir	200		423
ASIA	TURKEY	3. Planned	Samsun	- Kırıkkale		200		279
ASIA	TURKEY	4. Long-term planning	Nusaybin	- Cizre	- Habur hattı	160		133
ASIA	TURKEY	4. Long-term planning	Mürşitpınar	- Urfa		160		63
ASIA	TURKEY	4. Long-term planning	Gaziantep	- Çobanbey	- Halep	250		55
ASIA	TURKEY	4. Long-term planning	Osmaniye(Toprakkale)	- Osmaniye(Bahçe)		200		58
ASIA	TURKEY	4. Long-term planning	Gaziantep(Nurdağ)	- Gaziantep(Başpınar)		200		56
ASIA	TURKEY	4. Long-term planning	Diyarbakır	- Urfa		200		170
ASIA	TURKEY	4. Long-term planning	Afyon (Dinar)	- Denizli	- İzmir	200		566
ASIA	TURKEY	4. Long-term planning	Antalya	- Kayseri		200		642
ASIA	TURKEY	4. Long-term planning	Çandarlı	- Soma		200		70
ASIA	TURKEY	4. Long-term planning	Torbali	- Halkapınar		200		67
ASIA	TURKEY	4. Long-term planning	Niğde(Ulukışla)	- Mersin(Yenice)		200		109
ASIA	TURKEY	4. Long-term planning	Sivas	- Malatya-Elazığ	- Diyarbakır	200		368
ASIA	TURKEY	4. Long-term planning	Erzincan	- Kars		200		414
ASIA	TURKEY	4. Long-term planning	Kars	- Iğdır(Dilucu)		200		224
ASIA	TURKEY	4. Long-term planning	Yerköy	- Niğde(Ulukışla)		200		298
ASIA	TURKEY	4. Long-term planning	Gaziantep(Fevziyaşa)	- Kahramanmaraş		200		50
ASIA	TURKEY	4. Long-term planning	Tokat	- Sivas(Yıldızeli)		200		42
ASIA	TURKEY	4. Long-term planning	Adıyaman	- Adıyaman(Gölbaşı)		200		62
ASIA	VIETNAM	4. Long-term planning	Hanoi	- Hồ Chi Minh		350	2050.	1600
EUROPE	AUSTRIA	1. In operation	Wien Knoten Hadersdorf	- St. Pölten		250	2012.12.09	50
EUROPE	AUSTRIA	1. In operation	Wörgl	- Volders-Baumkirchen		220	2012.12.09	36
EUROPE	AUSTRIA	1. In operation	St. Pölten	- Ybbs		200		47
EUROPE	AUSTRIA	1. In operation	Ybbs	- Amstetten		250		17
EUROPE	AUSTRIA	1. In operation	Amstetten	- St. Valentin		200		39
EUROPE	AUSTRIA	1. In operation	St. Valentin	- Linz		230		24
EUROPE	AUSTRIA	1. In operation	Linz	- Wels	(after opening new line: V 200->230)	200		24
EUROPE	AUSTRIA	3. Planned	Linz	- Wels		230	2026.	24
EUROPE	AUSTRIA	1. In operation	Wels	- Attnang-Puchheim		230		31
EUROPE	AUSTRIA	2. Under construction	Wien Inzersdorf Ort	- Wr. Neustadt	(Pottendorfer Linie)	200	2023.	47
EUROPE	AUSTRIA	2. Under construction	Graz	- Klagenfurt	(Koralmbahn)	250	2025.	122
EUROPE	AUSTRIA	2. Under construction	Gloggnitz	- Müzzuschlag	(Semmering-Basistunnel)	230	2026.	28
EUROPE	AUSTRIA	2. Under construction	Volders-Baumkirchen	- Staatsgrenze AUT/IT	(Brenner-Basis-Tunnel)	250	2027.	46
EUROPE	AUSTRIA	2. Under construction	Wien Stadlau	- Staatsgrenze AUT/SK		200	2022.	38
EUROPE	AUSTRIA	3. Planned	Gänserndorf	- Staatsgrenze AUT/CZ		200	2028.	47
EUROPE	BELGIUM	1. In operation	Brussels	- French Border (L1)		300	1997.12.14	72
EUROPE	BELGIUM	1. In operation	Leuven	- Liège (L2)		300	2002.12.15	65
EUROPE	BELGIUM	1. In operation	Liège	- German Border (L3)		260	2009.06.14	36
EUROPE	BELGIUM	1. In operation	Antwerp	- Dutch border (L4)		300	2009.12.13	36
EUROPE	CZECH REPUBLIC	4. Long-term planning	Lovosice	- border D (to Dresden)		350	2040 before	40

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Area	Country	Status	Section	Max.Speed (km/h)	Date	Distance (km)
EUROPE	CZECH REPUBLIC	4. Long-term planning	Praha – Brno	350	2040 before	205
EUROPE	CZECH REPUBLIC	4. Long-term planning	Prerov – Ostrava	350	2040 before	80
EUROPE	CZECH REPUBLIC	4. Long-term planning	Praha – Plzen	350	2050.	75
EUROPE	CZECH REPUBLIC	4. Long-term planning	Plzen – border D (to Nurnberg)	350	2050.	55
EUROPE	CZECH REPUBLIC	4. Long-term planning	Praha – border P (to Wroclaw)	350	2050.	150
EUROPE	CZECH REPUBLIC	4. Long-term planning	Ostrava – border P (to Katowice)	300	2050.	10
EUROPE	CZECH REPUBLIC	4. Long-term planning	Vranovice – Breclav (border A to Wien, border SK to Bratislava)	350		40
EUROPE	CZECH REPUBLIC	4. Long-term planning	Brno – Vranovice	350		30
EUROPE	CZECH REPUBLIC	4. Long-term planning	Praha – Lovosice	350		55
EUROPE	CZECH REPUBLIC	4. Long-term planning	Brno – Prov	200		70
EUROPE	DENMARK	2. Under construction	Copenhagen – Ringsted	250	2018.12	56
EUROPE	ESTONIA, LATVIA, LITHUANIA (Rail Baltica)	4. Long-term planning	Tallin – Riga - Kaunas	240		740
EUROPE	FRANCE	1. In operation	LN1	300	1981 / 1983	425
EUROPE	FRANCE	1. In operation	LN2	300	1989 / 1990	292
EUROPE	FRANCE	1. In operation	LN4	300	1992 / 1994	122
EUROPE	FRANCE	1. In operation	LN3	300	1994 / 1996	346
EUROPE	FRANCE	1. In operation	LN3 bis	300	1994 / 1996	105
EUROPE	FRANCE	1. In operation	LN5	300	2001.	259
EUROPE	FRANCE	1. In operation	LN6	320	2007.	335
EUROPE	FRANCE	1. In operation	Perpignan – (Figueres -) Frontière included TP Ferro Franchise	300	2010.	28
EUROPE	FRANCE	1. In operation	LN7	320	2011.	146
EUROPE	FRANCE	1. In operation	LN6	320	2016.	122
EUROPE	FRANCE	1. In operation	LGV Bretagne Pays de la Loire (BPL, Le Mans - Rennes)	320	2017.07.02	214
EUROPE	FRANCE	1. In operation	LGV Sud Europe Atlantique (SEA, Tours - Bordeaux)	320	2017.07.02	340
EUROPE	FRANCE	1. In operation	Contournement de Nîmes - Montpellier (CNM)	300	2018.07.08	80
EUROPE	FRANCE	4. Long-term planning	Ligne Nouvelle Paris - Normandie (LNP), zone Paris - Mantes (phase 1)	200	2017-2030	59
EUROPE	FRANCE	4. Long-term planning	Liaison Roissy - Picardie	160	2017-2030	7
EUROPE	FRANCE	4. Long-term planning	nœud de Marseille et Cannes - Nice		2017-2030	
EUROPE	FRANCE	4. Long-term planning	LGV Bordeaux - Toulouse (GPSO)	350	2030-2050	222
EUROPE	FRANCE	4. Long-term planning	LGV Bordeaux - Dax (GPSO)	350	2030-2050	160
EUROPE	FRANCE	4. Long-term planning	Accès Alpins Lyon-Chambéry-Turin	300	2030-2050	
EUROPE	FRANCE	4. Long-term planning	LGV Provence Côte d'Azur (LNPCA)	250	2030-2050	189
EUROPE	FRANCE	4. Long-term planning	Interconnexion Sud en Île-de-France		2030-2050	31
EUROPE	FRANCE	4. Long-term planning	LGV Paris - Orléans - Clermont-Ferrand (POCL)		2030-2050	540
EUROPE	FRANCE	4. Long-term planning	Ligne nouvelle Montpellier - Perpignan (LNMP)		2030-2050	155
EUROPE	FRANCE	4. Long-term planning	Ligne Nouvelle Ouest Bretagne Pays-de-la-Loire (LNOBPL)		2030-2050	300
EUROPE	FRANCE	4. Long-term planning	LGV Rhin-Rhône Branche Est (second phase)		2030-2050	50
EUROPE	GERMANY	1. In operation	Fulda – Würzburg	280	1988.	90
EUROPE	GERMANY	1. In operation	Hannover – Fulda	280	1991.	248
EUROPE	GERMANY	1. In operation	Mannheim – Stuttgart	280	1991.	109
EUROPE	GERMANY	1. In operation	Hannover (Wolfsburg) – Berlin	250	1998.	189
EUROPE	GERMANY	1. In operation	Köln – Frankfurt	300	2002.	184
EUROPE	GERMANY	1. In operation	Köln – Düren	250	2003.	42
EUROPE	GERMANY	1. In operation	Leipzig – Gröbers (- Erfurt)	160	2003.06.30	24
EUROPE	GERMANY	1. In operation	(Karlsruhe -) Rastatt – Offenburg	250	2004.	44
EUROPE	GERMANY	1. In operation	Hamburg – Berlin	230	2004.	253
EUROPE	GERMANY	1. In operation	Nürnberg – Ingolstadt	300	2006.	89
EUROPE	GERMANY	1. In operation	München – Augsburg	230	2011.	62
EUROPE	GERMANY	1. In operation	(Karlsruhe) Katzenberg Tunnel – (-Basel)	250	2012.	18
EUROPE	GERMANY	1. In operation	Leipzig/Halle – Erfurt	300	2015.12.09	123
EUROPE	GERMANY	1. In operation	Ebensfeld – Erfurt	300	2017.12.10	100
EUROPE	GERMANY	1. In operation	Nürnberg – Ebensfeld	230	2017.12.10	83
EUROPE	GERMANY	2. Under construction	Stuttgart – Wendlingen	250	2021.	57
EUROPE	GERMANY	2. Under construction	(Karlsruhe -) Buggingen – Katzenberg tunnel (- Basel)	250	2021.	12
EUROPE	GERMANY	2. Under construction	Wendlingen – Ulm	250	2021.	60
EUROPE	GERMANY	2. Under construction	Tunnel Rastatt	250	2022.	17
EUROPE	GERMANY	2. Under construction	(Karlsruhe -) Offenburg – Riegel (- Basel)	250	2029.	39
EUROPE	GERMANY	4. Long-term planning	Frankfurt – Mannheim	300		84
EUROPE	GERMANY	4. Long-term planning	(Frankfurt -) Hanau – Fulda/Würzburg	230/300		126
EUROPE	ITALY	1. In operation	Rome – Florence (First section)	250	1977.	122
EUROPE	ITALY	1. In operation	Rome – Florence (Second section)	250	1985.	52
EUROPE	ITALY	1. In operation	Rome – Florence (Third section)	250	1986.	20
EUROPE	ITALY	1. In operation	Rome – Florence (Forth section)	250	1992.	44
EUROPE	ITALY	1. In operation	Rome – Naples	300	2009.	205

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EUROPE	ITALY	1. In operation	Turin	- Novara		300	2006.	86
EUROPE	ITALY	1. In operation	Milan	- Bologna		300	2008.	182
EUROPE	ITALY	1. In operation	Naples	- Salerno		250	2008.	29
EUROPE	ITALY	1. In operation	Novara	- Milan		300	2009.	38
EUROPE	ITALY	1. In operation	Florence	- Bologna		300	2009.	78
EUROPE	ITALY	1. In operation	Milan (Treviglio)	- Brescia		300	2016.	40
EUROPE	ITALY	2. Under construction	Genoa	- Milan (Tortona)		250	2022.	53
EUROPE	ITALY	4. Long-term planning	Brescia	- Verona		300	2020 after	73
EUROPE	ITALY	4. Long-term planning	Verona	- Padova		250	2020 after	79
EUROPE	NORWAY	4. Long-term planning	Sandbukta	- Fredrikstad		250		34
EUROPE	NORWAY	4. Long-term planning	Gardermoen	- Hamar		250		74
EUROPE	NORWAY	4. Long-term planning	Drammen	- Tønsberg		250		60
EUROPE	NORWAY	4. Long-term planning	Fredrikstad	- Halden		250		39
EUROPE	NORWAY	4. Long-term planning	Hamar	- Lillehammer		250		54
EUROPE	NORWAY	4. Long-term planning	Tønsberg	- Skien		250		72
EUROPE	POLAND	1. In operation	Grodzisk Maz	- Opoczno	Zawiercie	200	2015.	224
EUROPE	POLAND	3. Planned	Warszawa - Lodz	- Wroclaw	Poznan	350	2030.	484
EUROPE	POLAND	4. Long-term planning	Elk	- Border Lithuania		230	2030.	80
EUROPE	POLAND	4. Long-term planning	Wroclaw	- BorderCzech Republic		350	2030 after	148
EUROPE	POLAND	4. Long-term planning	Poznan	- border Germany		350	2030 after	171
EUROPE	POLAND	4. Long-term planning	Katowice	- Border Czech Republic		300	2030 after	61
EUROPE	POLAND	4. Long-term planning	Naklo	- Katowice/Krakow		300	2030 after	138
EUROPE	PORTUGAL	4. Long-term planning	Lisboa	- Caia (- Madrid)		350		206
EUROPE	PORTUGAL	4. Long-term planning	Lisboa	- Porto		300		290
EUROPE	PORTUGAL	4. Long-term planning	Porto	- Valença (- Vigo) first phase		250		55
EUROPE	PORTUGAL	4. Long-term planning	Porto	- Valença (- Vigo) second phase		250		45
EUROPE	RUSSIA	3. Planned	Moscow	- Kazan		350	2023.	770
EUROPE	RUSSIA	4. Long-term planning	Moscow	- St. Petersburg		400	2021-2026	659
EUROPE	RUSSIA	4. Long-term planning	Moscow	- Adler(Sochi)		400	2021-2028	1549
EUROPE	SPAIN	1. In operation	Madrid	- Seville		270	1992.	471
EUROPE	SPAIN	1. In operation	Madrid	- Lleida		300	2003.	448
EUROPE	SPAIN	1. In operation	Zaragoza	- Huesca		200	2003.	79
EUROPE	SPAIN	1. In operation	(Madrid -) La Sagra	- Toledo		220	2005.	21
EUROPE	SPAIN	1. In operation	Córdoba	- Antequera		300	2006.	111
EUROPE	SPAIN	1. In operation	Lleida	- Camp de Tarragona		300	2006.	82
EUROPE	SPAIN	1. In operation	Madrid	- Segovia	Valladolid	300	2007.	178
EUROPE	SPAIN	1. In operation	Antequera	- Málaga		300	2007.	58
EUROPE	SPAIN	1. In operation	Camp de Tarragona	- Barcelona		300	2008.	100
EUROPE	SPAIN	1. In operation	La Coruña	- Santiago		200	2009.	61
EUROPE	SPAIN	1. In operation	By pass Madrid : Line Madrid - Barcelona		Gavilanes	200	2009.	5
EUROPE	SPAIN	1. In operation	Madrid	- Valencia / Albacete		300	2010.	398
EUROPE	SPAIN	1. In operation	Figueres	- Frontera (- Perpignan)		300	2010.	20
EUROPE	SPAIN	1. In operation	Ourense	- Santiago		300	2011.	85
EUROPE	SPAIN	1. In operation	By pass de Yeles : Line Madrid / Valencia			200	2012.	6
EUROPE	SPAIN	1. In operation	Barcelona	- Figueres		290	2013.	131
EUROPE	SPAIN	1. In operation	Albacete	- Alicante		300	2013.	165
EUROPE	SPAIN	1. In operation	Santiago	- Vigo		200	2015.	95
EUROPE	SPAIN	1. In operation	Utrera	- Jerez		200	2015.	73
EUROPE	SPAIN	1. In operation	Valladolid	- León		200	2015.	166
EUROPE	SPAIN	1. In operation	Olmedo	- Zamora		200	2015.	99
EUROPE	SPAIN	2. Under construction	Monforte del Cid	- Murcia		300	2018.	62
EUROPE	SPAIN	2. Under construction	Venta de Baños	- Burgos		300	2018.	91
EUROPE	SPAIN	2. Under construction	Bobadilla	- Granada		250	2018.	109
EUROPE	SPAIN	2. Under construction	Plasencia	- Cáceres / Badajoz		300	2019.	193
EUROPE	SPAIN	2. Under construction	Zamora	- Orense		300	2019.	224
EUROPE	SPAIN	2. Under construction	León	- Asturias	Variante de Pajares	250	2019.	50
EUROPE	SPAIN	2. Under construction	Vitoria	- Bilbao-San Sebastián	"Basque Y"	250	2022.	175
EUROPE	SPAIN	3. Planned	Burgos	- Vitoria		300		110
EUROPE	SPAIN	3. Planned	Madrid	- Navalmoral / Plasencia		300		276
EUROPE	SPAIN	3. Planned	Almería	- Murcia		300		190
EUROPE	SPAIN	3. Planned	Palencia	- Santander		300		201
EUROPE	SPAIN	3. Planned	Castejón	- Pamplona		300		75
EUROPE	SPAIN	3. Planned	Zaragoza	- Castejón		250		149
EUROPE	SPAIN	3. Planned	Orense	- Vigo (vía Cerdedo)		250		60

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EUROPE	SWEDEN	2. Under construction	Arlöv – Lund	200	2024.	11
EUROPE	SWEDEN	4. Long-term planning	Järna – Linköping	250	2033-2035	150
EUROPE	SWEDEN	4. Long-term planning	Lund – Hässleholm		2032-2035	70
EUROPE	SWEDEN	4. Long-term planning	Göteborg – Borås	320		60
EUROPE	SWEDEN	4. Long-term planning	Borås – Linköping			190
EUROPE	SWEDEN	4. Long-term planning	Stockholm – Jarna			50
EUROPE	SWEDEN	4. Long-term planning	Jonkoping – Hässleholm			219
EUROPE	SWITZERLAND	1. In operation	Mattstetten – Rothrist	200	2004.	52
EUROPE	SWITZERLAND	1. In operation	Frutigen – Visp (Lötschberg base tunnel)	250	2007.	35
EUROPE	SWITZERLAND	1. In operation	Erstfeld – Biasca (Gotthard base tunnel)	250	2016.	57
EUROPE	SWITZERLAND	2. Under construction	Giubiasco – Lugano (Ceneri base tunnel)	250	2019.	15
EUROPE	THE NETHERLANDS	1. In operation	Schiphol – Rotterdam – Belgian Border	300	2009.	120
EUROPE	UNITED KINGDOM	1. In operation	Fawkham Junction – Tunnel	300	2003.	74
EUROPE	UNITED KINGDOM	1. In operation	London – Southfleet Junction	300	2007.	39
EUROPE	UNITED KINGDOM	2. Under construction	London – Birmingham (HS2, Phase 1)	360	2026.	230
EUROPE	UNITED KINGDOM	3. Planned	Birmingham – Crewe (HS2, Phase 2a)	360	2027.	60
EUROPE	UNITED KINGDOM	3. Planned	Birmingham – Manchester/Leeds (HS2, Phase 2b)	360	2033.	260
OTHER	AUSTRALIA	4. Long-term planning	Sydney – Canberra	350	2035.	283
OTHER	AUSTRALIA	4. Long-term planning	Melbourne – Gunning(-Sydney)	350	2040.	611
OTHER	AUSTRALIA	4. Long-term planning	Sydney – Newcastle	350	2045.	134
OTHER	AUSTRALIA	4. Long-term planning	Brisbane – Gold Coast	350	2051.	115
OTHER	AUSTRALIA	4. Long-term planning	Newcastle – Bronelton(-Gold Coast)	350	2058.	606
OTHER	BRAZIL	4. Long-term planning	Rio de Janeiro – Sao Paulo – Campinas	300		511
OTHER	CANADA	3. Planned	Toronto – London	250	2025.	
OTHER	CANADA	3. Planned	London – Windsor	250	2031.	
OTHER	CANADA	4. Long-term planning	Calgary – Edmonton			290
OTHER	EGYPT	4. Long-term planning	Cairo – Alexandria			210
OTHER	EGYPT	4. Long-term planning	Cairo – Luxor			700
OTHER	EGYPT	4. Long-term planning	Hurghada – Luxor			300
OTHER	MEXICO	4. Long-term planning	Mexico DF – Querétaro	300		210
OTHER	MOROCCO	2. Under construction	Tanger – Kenitra	320	2018.mid	200
OTHER	MOROCCO	4. Long-term planning	Marrakech – Agadir	320		250
OTHER	MOROCCO	4. Long-term planning	Kenitra – Rabat	320		49
OTHER	MOROCCO	4. Long-term planning	Rabat – Fes	320		204
OTHER	MOROCCO	4. Long-term planning	Rabat – Casablanca	320		90
OTHER	MOROCCO	4. Long-term planning	Casablanca – Marrakech	320		198
OTHER	MOROCCO	4. Long-term planning	Fes – oujda	320		323
OTHER	SOUTH AFRICA	4. Long-term planning	Johannesburg – Durban	300		610
OTHER	SOUTH AFRICA	4. Long-term planning	Johannesburg – Cape Town	300		1300
OTHER	SOUTH AFRICA	4. Long-term planning	Johannesburg – Messina	300		480
OTHER	USA	1. In operation	Boston – Washington (Northeast Corridor, NEC)	240	2000.	735
OTHER	USA	2. Under construction	Fresno – Bakersfield	350	2025.	192
OTHER	USA	3. Planned	Houston – Dallas	330	2023.	385
OTHER	USA	3. Planned	San Jose – Merced	350	2025.	135
OTHER	USA	3. Planned	Merced – Fresno	350	2025.	104
OTHER	USA	3. Planned	San Francisco – San Jose	200	2029.	82
OTHER	USA	3. Planned	Bakersfield – Palmdale	350	2029.	129
OTHER	USA	3. Planned	Palmdale – Burbank	350	2029.	72
OTHER	USA	3. Planned	Burbank – Los Angeles		2029.	20
OTHER	USA	3. Planned	Los Angeles – Anaheim	140	2029.	48
OTHER	USA	3. Planned	NEC Future (Boston – New York – Washington DC)	350	2040.	735
OTHER	USA	4. Long-term planning	Merced – Sacramento		2035 after	180
OTHER	USA	4. Long-term planning	Los Angeles – San Diego		2035 after	269