

HIGH SPEED LINES IN THE WORLD 2021 (Summary)

Updated 1st September 2022

Status

1. In operation: It is now operating on High Speed.
2. Under construction: It is now constructing of High Speed lines.
3. Planned: It is approved but not start constructing.
4. Long-term planning: It is not approved. Just planned.

Area	Country/Region	Length(km)				Total
		1. In operation	2. Under construction	3. Planned	4. Long-term planning	
AFRICA	EGYPT	-	-	1,570	1,805	3,375
AFRICA	MOROCCO	186	-	640	-	826
AFRICA	SOUTH AFRICA	-	-	-	2,390	2,390
ASIA-PACIFIC	CHINA	40,474	13,063	4,104	7,134	64,775
ASIA-PACIFIC	INDIA	-	508	-	7,479	7,987
ASIA-PACIFIC	INDONESIA	-	142	570	-	712
ASIA-PACIFIC	JAPAN (SHINKANSEN SYSTEM)	3,081	402	194	-	3,677
ASIA-PACIFIC	SOUTH KOREA	873	-	49	-	922
ASIA-PACIFIC	THAILAND	-	253	431	1,958	2,642
ASIA-PACIFIC	VIETNAM	-	-	1,545	-	1,545
ASIA-PACIFIC	AUSTRALIA	-	-	-	1,749	1,749
EUROPE	AUSTRIA	254	281	71	-	606
EUROPE	BELGIUM	209	-	-	-	209
EUROPE	CZECH REPUBLIC	-	-	832	173	1,005
EUROPE	DENMARK	56	-	-	-	56
EUROPE	ESTONIA, LATVIA, LITHUANIA (Rail Baltica)	-	-	870	-	870
EUROPE	FINLAND	1,120	-	394	-	1,514
EUROPE	FRANCE	2,735	-	-	1,725	4,460
EUROPE	GERMANY	1,571	147	81	210	2,009
EUROPE	HUNGARY	-	-	166	-	166
EUROPE	ITALY	921	327	-	-	1,248
EUROPE	NORWAY	-	-	-	333	333
EUROPE	POLAND	224	-	805	875	1,904
EUROPE	PORTUGAL	-	80	418	-	498
EUROPE	RUSSIA	-	659	421	-	1,080
EUROPE	SERBIA	-	75	313	-	388
EUROPE	SPAIN	3,661	1,055	863	-	5,579
EUROPE	SWEDEN	860	214	338	-	1,412
EUROPE	SWITZERLAND	176	-	-	-	176
EUROPE	THE NETHERLANDS	90	-	-	-	90
EUROPE	UNITED KINGDOM	113	225	341	-	679
LATIN AMERICA	BRAZIL	-	-	-	511	511
LATIN AMERICA	CHILE	-	-	-	127	127
MIDDLE EAST	BAHRAIN and QATAR	-	-	-	180	180
MIDDLE EAST	IRAN	-	410	1,043	1,651	3,104
MIDDLE EAST	ISRAEL	-	-	85	-	85
MIDDLE EAST	SAUDI ARABIA	449	-	-	-	449
MIDDLE EAST	TURKEY	1,052	1,596	2,011	-	4,659
NORTH AMERICA	CANADA	-	-	-	1,523	1,523
NORTH AMERICA	MEXICO	-	-	210	-	210
NORTH AMERICA	USA	735	274	1,278	3,784	6,071
	AFRICA(3)	186	0	2,210	4,195	6,591
	ASIA PACIFIC(8)	44,428	14,367	6,893	18,320	84,008
	EUROPE(20)	11,990	3,062	5,913	3,316	24,281
	LATIN AMERICA(2)	0	0	0	638	638
	MIDDLE-EAST(5)	1,501	2,006	3,139	1,831	8,477
	NORTH AMERICA(3)	735	274	1,488	5,307	7,804
	TOTAL(42)	58,839	19,710	19,643	33,607	131,799

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Area	Country/Region	Status	Section	Max.Speed (km/h)	Year	Length (km)
AFRICA	EGYPT	3. Planned	Cairo - Alexandria	320	2024	210
AFRICA	EGYPT	3. Planned	Cairo - Aswan	320	2024	700
AFRICA	EGYPT	3. Planned	El Alamein - Ain Sokhna	250	2025	460
AFRICA	EGYPT	3. Planned	El Alamein - Marsa Matrouh	250	2025	200
AFRICA	EGYPT	4. Long-term planning	Ain Sokhna - Hurghada	250	2030	320
AFRICA	EGYPT	4. Long-term planning	Hurghada - Luxor	250	-	285
AFRICA	EGYPT	4. Long-term planning	6th October City - Luxor	250	-	640
AFRICA	EGYPT	4. Long-term planning	Luxor - Aswan	250	-	210
AFRICA	EGYPT	4. Long-term planning	Safaga - Barnis	250	-	350
AFRICA	MOROCCO	1. In operation	Tanger - Kenitra	320	2018	186
AFRICA	MOROCCO	3. Planned	Kenitra - Rabat	320	2027	55
AFRICA	MOROCCO	3. Planned	Casablanca - Marrakech	320	2028	240
AFRICA	MOROCCO	3. Planned	Rabat - Casablanca	320	2029	105
AFRICA	MOROCCO	4. Long-term planning	Marrakech - Agadir	250	-	240
AFRICA	SOUTH AFRICA	4. Long-term planning	Johannesburg - Durban	300	-	610
AFRICA	SOUTH AFRICA	4. Long-term planning	Johannesburg - Musina	300	-	480
AFRICA	SOUTH AFRICA	4. Long-term planning	Johannesburg - Cape Town	300	-	1,300
ASIA PACIFIC	AUSTRALIA	4. Long-term planning	Sydney - Canberra	350	2035	283
ASIA PACIFIC	AUSTRALIA	4. Long-term planning	Melbourne - Gunning (- Sydney)	350	2040	611
ASIA PACIFIC	AUSTRALIA	4. Long-term planning	Sydney - Newcastle	350	2045	134
ASIA PACIFIC	AUSTRALIA	4. Long-term planning	Brisbane - Gold Coast	350	2051	115
ASIA PACIFIC	AUSTRALIA	4. Long-term planning	Newcastle - Bronelton (- Gold Coast)	350	2058	606
ASIA PACIFIC	CHINA	1. In operation	Qinhuangdao - Shenyang North	250	2003	405
ASIA PACIFIC	CHINA	1. In operation	Taipei - Kaohsiung	300	2007	345
ASIA PACIFIC	CHINA	1. In operation	Nanjing - Hefei	250	2008	148
ASIA PACIFIC	CHINA	1. In operation	Beijing South - Tianjin	350	2008	118
ASIA PACIFIC	CHINA	1. In operation	Qingdao - Jinan	200	2009	393
ASIA PACIFIC	CHINA	1. In operation	Hefei East - Hankou	250	2009	380
ASIA PACIFIC	CHINA	1. In operation	Shijiazhuang North - Taiyuan	250	2009	227
ASIA PACIFIC	CHINA	1. In operation	Chongqing - Liangwu	200	2009	263
ASIA PACIFIC	CHINA	1. In operation	Ningbo - Cangnan	250	2009	351
ASIA PACIFIC	CHINA	1. In operation	Wuhan - Guangzhou South	350	2009	1,079
ASIA PACIFIC	CHINA	1. In operation	Zhengzhou East - Xi'an North	350	2010	553
ASIA PACIFIC	CHINA	1. In operation	Cangnan - Fuzhou	250	2010	211
ASIA PACIFIC	CHINA	1. In operation	Fuzhou - Xiamen North	250	2010	234
ASIA PACIFIC	CHINA	1. In operation	Chengdu - Qingchengshan	200	2010	65
ASIA PACIFIC	CHINA	1. In operation	Shanghai - Nanjing	350	2010	323
ASIA PACIFIC	CHINA	1. In operation	Jiujiang - Nanchang West	250	2010	138
ASIA PACIFIC	CHINA	1. In operation	Shanghai Hongqiao - Hangzhou South	350	2010	174
ASIA PACIFIC	CHINA	1. In operation	Haikou - Sanya	250	2010	308
ASIA PACIFIC	CHINA	1. In operation	Guangzhou South - Zhuhai	200	2011	143
ASIA PACIFIC	CHINA	1. In operation	Changchun - Jilin	250	2011	111
ASIA PACIFIC	CHINA	1. In operation	Beijing South - Shanghai Hongqiao	350	2011	1,318
ASIA PACIFIC	CHINA	1. In operation	Guangzhou South - Futian	250	2011	111
ASIA PACIFIC	CHINA	1. In operation	Longyan - Zhangzhou	200	2012	114
ASIA PACIFIC	CHINA	1. In operation	Hankou - Yichang East	200	2012	292
ASIA PACIFIC	CHINA	1. In operation	Zhengzhou East - Wuhan	350	2012	526
ASIA PACIFIC	CHINA	1. In operation	Bengbu South - Hefei	350	2012	131
ASIA PACIFIC	CHINA	1. In operation	Dalian North - Shenyang North	350	2012	383
ASIA PACIFIC	CHINA	1. In operation	Shenyang North - Harbin West	350	2012	546
ASIA PACIFIC	CHINA	1. In operation	Taigemu - Baotou	200	2012	146
ASIA PACIFIC	CHINA	1. In operation	Suining - Chengdu East	200	2012	151
ASIA PACIFIC	CHINA	1. In operation	Beijing West - Zhengzhou East	350	2012	676

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ASIA PACIFIC	CHINA	1. In operation	Taishansuo (block station) - Liuzhou	200	2012	498
ASIA PACIFIC	CHINA	1. In operation	Nanjing South - Hangzhou East	350	2013	254
ASIA PACIFIC	CHINA	1. In operation	Hangzhou South - Ningbo	350	2013	157
ASIA PACIFIC	CHINA	1. In operation	Panjin North - Yingkou East	350	2013	90
ASIA PACIFIC	CHINA	1. In operation	Nanchang West - Fuzhou	200	2013	547
ASIA PACIFIC	CHINA	1. In operation	Yongtai - Putian	200	2013	59
ASIA PACIFIC	CHINA	1. In operation	Tianjin - Qinhuangdao	350	2013	288
ASIA PACIFIC	CHINA	1. In operation	Xi'an North - Baoji South	350	2013	184
ASIA PACIFIC	CHINA	1. In operation	Xiamen North - Shenzhen North	250	2013	513
ASIA PACIFIC	CHINA	1. In operation	Nanhu East - Xianning South	250	2013	76
ASIA PACIFIC	CHINA	1. In operation	Liuzhou - Nanning	250	2013	223
ASIA PACIFIC	CHINA	1. In operation	Qinzhou North - Fangchenggang	250	2013	62
ASIA PACIFIC	CHINA	1. In operation	Nanning East - Beihai	250	2013	197
ASIA PACIFIC	CHINA	1. In operation	Pixian West - Pengzhou	200	2013	21
ASIA PACIFIC	CHINA	1. In operation	Nanning - Guangzhou South	250	2014	574
ASIA PACIFIC	CHINA	1. In operation	Wuhan - Dayebei	250	2014	91
ASIA PACIFIC	CHINA	1. In operation	Gedian South - Huanggangdong	250	2014	36
ASIA PACIFIC	CHINA	1. In operation	Taiyuan South - Xi'an North	250	2014	571
ASIA PACIFIC	CHINA	1. In operation	Hangzhou South - Changsha South	350	2014	911
ASIA PACIFIC	CHINA	1. In operation	Changsha South - Xinhuang West	350	2014	420
ASIA PACIFIC	CHINA	1. In operation	Jiangyou - Chengdu East	250	2014	153
ASIA PACIFIC	CHINA	1. In operation	Chengdu East - Leshan	250	2014	135
ASIA PACIFIC	CHINA	1. In operation	Leshan - Emeishan	250	2014	27
ASIA PACIFIC	CHINA	1. In operation	Lanzhou West - Ürümqi South	250	2014	1,785
ASIA PACIFIC	CHINA	1. In operation	Guizhou East - Guangzhou South	250	2014	860
ASIA PACIFIC	CHINA	1. In operation	Qingdao - Rongcheng	250	2014	301
ASIA PACIFIC	CHINA	1. In operation	Zhengzhou East - Songchenglu	200	2014	50
ASIA PACIFIC	CHINA	1. In operation	Ximotang - Yantai	250	2015	19
ASIA PACIFIC	CHINA	1. In operation	Nanyangzhai - Jiaozuo	200	2015	70
ASIA PACIFIC	CHINA	1. In operation	Xinhuang West - Guiyang North	350	2015	286
ASIA PACIFIC	CHINA	1. In operation	Hefeiweicheng - Fuzhou	350	2015	850
ASIA PACIFIC	CHINA	1. In operation	Harbin North - Qiqihar South	250	2015	269
ASIA PACIFIC	CHINA	1. In operation	Shenyang South - Dandong	250	2015	207
ASIA PACIFIC	CHINA	1. In operation	Tianjin - Yujiapu	350	2015	43
ASIA PACIFIC	CHINA	1. In operation	Jilin - Huichun	250	2015	361
ASIA PACIFIC	CHINA	1. In operation	Nanjing East - Anqing	250	2015	257
ASIA PACIFIC	CHINA	1. In operation	Nanning - Yangxu	250	2015	257
ASIA PACIFIC	CHINA	1. In operation	Dandong - Dalian North	200	2015	293
ASIA PACIFIC	CHINA	1. In operation	Chengdu East - Shapingba	250	2015	300
ASIA PACIFIC	CHINA	1. In operation	Tangyasuo (block station) - Wenzhou South	200	2015	190
ASIA PACIFIC	CHINA	1. In operation	Ganxian - Longyan	200	2015	248
ASIA PACIFIC	CHINA	1. In operation	Tianjin West - Bazhou West	250	2015	73
ASIA PACIFIC	CHINA	1. In operation	Bazhou West - Xushui	200	2015	65
ASIA PACIFIC	CHINA	1. In operation	Hainan West Circle (Haikou-Sanya)	200	2015	345
ASIA PACIFIC	CHINA	1. In operation	Zhengzhou East - Xinzheng Airport	200	2015	27
ASIA PACIFIC	CHINA	1. In operation	Taipei - Nangang	130	2016	9
ASIA PACIFIC	CHINA	1. In operation	Foshan West - Zhaoqing	200	2016	81
ASIA PACIFIC	CHINA	1. In operation	Changping East - Xiaojinkou	200	2016	53
ASIA PACIFIC	CHINA	1. In operation	Zhengzhou - Xuzhou	350	2016	362
ASIA PACIFIC	CHINA	1. In operation	Chongqing North - Wanzhou North	250	2016	246
ASIA PACIFIC	CHINA	1. In operation	Hankou - Xiaogan East	200	2016	61
ASIA PACIFIC	CHINA	1. In operation	Changsha - Zhuzhou - Xiangtan	200	2016	82
ASIA PACIFIC	CHINA	1. In operation	Guiyang North - Kunming	250	2016	463

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ASIA PACIFIC	CHINA	1. In operation	Yangxu - Baise	250	2016	452
ASIA PACIFIC	CHINA	1. In operation	Daye North - Yangxin	250	2017	37
ASIA PACIFIC	CHINA	1. In operation	Baoji South - Lanzhou West	250	2017	353
ASIA PACIFIC	CHINA	1. In operation	Wulanchabu - Hohhot East	250	2017	128
ASIA PACIFIC	CHINA	1. In operation	Yangxin - K23 block station	250	2017	82
ASIA PACIFIC	CHINA	1. In operation	Xi'an North - Jinangyou	250	2017	505
ASIA PACIFIC	CHINA	1. In operation	Huaibei North - Xiaoxian North	250	2017	25
ASIA PACIFIC	CHINA	1. In operation	Shijiazhuang - Jinan East	250	2017	308
ASIA PACIFIC	CHINA	1. In operation	Quzhou - Jiujiang	200	2017	334
ASIA PACIFIC	CHINA	1. In operation	Dongguan - Changping East	200	2017	48
ASIA PACIFIC	CHINA	1. In operation	Changsha West - Changsha	200	2017	22
ASIA PACIFIC	CHINA	1. In operation	Chongqing West - Guiyang	200	2018	380
ASIA PACIFIC	CHINA	1. In operation	Jiangmen - Zhanjiang West	200	2018	355
ASIA PACIFIC	CHINA	1. In operation	Harbin - Jiamusi	200	2018	343
ASIA PACIFIC	CHINA	1. In operation	Yuanping West - Taiyuan South	200	2018	111
ASIA PACIFIC	CHINA	1. In operation	Guangtong North - Dali	200	2018	175
ASIA PACIFIC	CHINA	1. In operation	Xinhui - Jiangmen	200	2018	3
ASIA PACIFIC	CHINA	1. In operation	Futian - Hong Kong (boundary)	200	2018	4
ASIA PACIFIC	CHINA	1. In operation	Harbin - Harbin North	200	2018	13
ASIA PACIFIC	CHINA	1. In operation	Hangzhou South - Huangshan North	250	2018	272
ASIA PACIFIC	CHINA	1. In operation	Harbin - Mudanjiang	250	2018	300
ASIA PACIFIC	CHINA	1. In operation	Qingdao North - Ganyu North	200	2018	197
ASIA PACIFIC	CHINA	1. In operation	Ganyu North - Weiyang (block station)	200	2018	234
ASIA PACIFIC	CHINA	1. In operation	Huaihua South - Hengyang East	200	2018	319
ASIA PACIFIC	CHINA	1. In operation	Xiantang - Yanjialong	200	2018	5
ASIA PACIFIC	CHINA	1. In operation	Changtang (block station) - Hengyang North	200	2018	5
ASIA PACIFIC	CHINA	1. In operation	Changtang (block station) - Chashan'ao	200	2018	5
ASIA PACIFIC	CHINA	1. In operation	Qihe - Jinan West	200	2018	21
ASIA PACIFIC	CHINA	1. In operation	Dazhengzhuang (b.s.) - Damoliu (b.s.)	200	2018	3
ASIA PACIFIC	CHINA	1. In operation	Jinan East - Wulitang (block station)	200	2018	21
ASIA PACIFIC	CHINA	1. In operation	Jinan East - Qingdao	350	2018	305
ASIA PACIFIC	CHINA	1. In operation	Tongren - Dazongping	200	2018	46
ASIA PACIFIC	CHINA	1. In operation	Chengdu West - Chaoyang Lake	200	2018	100
ASIA PACIFIC	CHINA	1. In operation	Nanping North - Longyan	200	2018	247
ASIA PACIFIC	CHINA	1. In operation	Houling (block station) - Hongxing (block station)	200	2018	8
ASIA PACIFIC	CHINA	1. In operation	Huyi (block station) - Aibei (block station)	200	2018	2
ASIA PACIFIC	CHINA	1. In operation	Chengde South - Pingquan North	350	2018	67
ASIA PACIFIC	CHINA	1. In operation	Pingquan North - Shenyang	350	2018	434
ASIA PACIFIC	CHINA	1. In operation	Qiandingxiang W. (b.s.) - Houdingxiang E. (b.s.)	200	2018	2
ASIA PACIFIC	CHINA	1. In operation	Houdingxiang E. (b.s.) - Qiandingxiang W. (b.s.)	200	2018	2
ASIA PACIFIC	CHINA	1. In operation	Tongliao - Xinmin North	250	2018	197
ASIA PACIFIC	CHINA	1. In operation	Yaojiawopu (block station) - Tianjiawopu (b.s.)	200	2018	6
ASIA PACIFIC	CHINA	1. In operation	Tuancun (block station) - Daguhe (block station)	350	2018	4
ASIA PACIFIC	CHINA	1. In operation	Leshan - Yibin West	350	2019	145
ASIA PACIFIC	CHINA	1. In operation	Liying - Daxing Airport	200	2019	32
ASIA PACIFIC	CHINA	1. In operation	Meizhou West - Chaoshan	200	2019	120
ASIA PACIFIC	CHINA	1. In operation	Rizhao West - Dawangzhuang (block station)	350	2019	226
ASIA PACIFIC	CHINA	1. In operation	Qufu East - Dawangzhuang (block station)	200	2019	10
ASIA PACIFIC	CHINA	1. In operation	Qufu East - Daxiasong (block station)	200	2019	4
ASIA PACIFIC	CHINA	1. In operation	Xiaogan East - Yunmeng East	250	2019	21
ASIA PACIFIC	CHINA	1. In operation	Yunmeng East - Shiyan East	350	2019	377
ASIA PACIFIC	CHINA	1. In operation	Shangqiu - Hefei North City	350	2019	378
ASIA PACIFIC	CHINA	1. In operation	Zhengzhou East - Xiangyang East	350	2019	389

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ASIA PACIFIC	CHINA	1. In operation	Zhengzhou South - Fuyang West	350	2019	280
ASIA PACIFIC	CHINA	1. In operation	Yinchuan - Zhongwei South	250	2019	207
ASIA PACIFIC	CHINA	1. In operation	Xintang South - Shenzhen Airport	140	2019	73
ASIA PACIFIC	CHINA	1. In operation	Xintang South - Xintang	140	2019	3
ASIA PACIFIC	CHINA	1. In operation	Xuzhou (Lanxu Yard) - Yancheng (Yanxu Y.)	250	2019	313
ASIA PACIFIC	CHINA	1. In operation	Dongji - Huai'an East	250	2019	105
ASIA PACIFIC	CHINA	1. In operation	Yibin West - Guiyang East	250	2019	368
ASIA PACIFIC	CHINA	1. In operation	Jianpo (block station) - Guiyang North	250	2019	9
ASIA PACIFIC	CHINA	1. In operation	Hejia (block station) - Ganzhou West	350	2019	385
ASIA PACIFIC	CHINA	1. In operation	Henggang - Hejia (block station)	200	2019	11
ASIA PACIFIC	CHINA	1. In operation	Dongcun (block station) - Pushu (block station)	200	2019	5
ASIA PACIFIC	CHINA	1. In operation	Fanjia (block station) - Nanjie (block station)	200	2019	2
ASIA PACIFIC	CHINA	1. In operation	Ganxian North - Pingjiang (block station)	200	2019	3
ASIA PACIFIC	CHINA	1. In operation	Qianjiang - Changde	200	2019	333
ASIA PACIFIC	CHINA	1. In operation	Beijing North - Zhangjiakou	350	2019	174
ASIA PACIFIC	CHINA	1. In operation	Zhangjiakou - Wulanchabu	350	2019	159
ASIA PACIFIC	CHINA	1. In operation	Xiahuayuan - Taizicheng (Chongli Railway)	250	2019	52
ASIA PACIFIC	CHINA	1. In operation	Huai'an - Datong South	250	2019	134
ASIA PACIFIC	CHINA	1. In operation	Kazuo - Chifeng	250	2020	156
ASIA PACIFIC	CHINA	1. In operation	Sunjiagou (b.s.) - Zhengzhangzi (b.s.)	200	2020	5
ASIA PACIFIC	CHINA	1. In operation	Feidong - Huzhou	350	2020	309
ASIA PACIFIC	CHINA	1. In operation	Zhaodian - Huangdu	200	2020	143
ASIA PACIFIC	CHINA	1. In operation	Pingdong (b.s.) - Nantong West	200	2020	5
ASIA PACIFIC	CHINA	1. In operation	Anshun West - Shuicheng	250	2020	120
ASIA PACIFIC	CHINA	1. In operation	Guangzhou North - Qingyuan	200	2020	38
ASIA PACIFIC	CHINA	1. In operation	Weifang - Laixi	350	2020	124
ASIA PACIFIC	CHINA	1. In operation	Langjiashuang (b.s.) - Pangjiatun (b.s.)	200	2020	3
ASIA PACIFIC	CHINA	1. In operation	Huai'an West - Dantu	250	2020	199
ASIA PACIFIC	CHINA	1. In operation	Shaobo (b.s.) - Dujiang	200	2020	4
ASIA PACIFIC	CHINA	1. In operation	Shaobo (b.s.) - Tai'anzen	200	2020	5
ASIA PACIFIC	CHINA	1. In operation	Hengshan (b.s.) - Zhenjiang	200	2020	12
ASIA PACIFIC	CHINA	1. In operation	Nayangzhai - Changfengjie (b.s.)	250	2020	362
ASIA PACIFIC	CHINA	1. In operation	Feixi Jinggang - Shuangling (b.s.)	350	2020	134
ASIA PACIFIC	CHINA	1. In operation	Shuangling (b.s.) - Longshan (b.s.)	200	2020	4
ASIA PACIFIC	CHINA	1. In operation	Longshan (b.s.) - Anqing	200	2020	22
ASIA PACIFIC	CHINA	1. In operation	Fuzhou - Pingtan	200	2020	88
ASIA PACIFIC	CHINA	1. In operation	Xi'an North - Wuzhong	250	2020	545
ASIA PACIFIC	CHINA	1. In operation	Huwang (b.s.) - Liquan South	200	2020	6
ASIA PACIFIC	CHINA	1. In operation	Daxing Airport - Xiong'an	350	2020	59
ASIA PACIFIC	CHINA	1. In operation	Yancheng - Chjenqiao (b.s.)	350	2020	158
ASIA PACIFIC	CHINA	1. In operation	Guodaocun (b.s.) - Feixi Jinggang	200	2020	6
ASIA PACIFIC	CHINA	1. In operation	Jixianlu (b.s)	200	2020	10
ASIA PACIFIC	CHINA	1. In operation	Dafu - Xiantao	200	2020	17
ASIA PACIFIC	CHINA	1. In operation	Beijing - Chengde South	350	2021	192
ASIA PACIFIC	CHINA	1. In operation	Xuzhou East - Houmazhuang	350	2021	185
ASIA PACIFIC	CHINA	1. In operation	Shenxu (b.s.) - Lianyungang	200	2021	5
ASIA PACIFIC	CHINA	1. In operation	Neijiang North - Luzhou	250	2021	129
ASIA PACIFIC	CHINA	1. In operation	Chaoyang - Linghai South	350	2021	107
ASIA PACIFIC	CHINA	1. In operation	Zhangjiatie West - Huaihua South	350	2021	247
ASIA PACIFIC	CHINA	1. In operation	Zhangjiatie West - Shadi (b.s.)	200	2021	3
ASIA PACIFIC	CHINA	1. In operation	Longxingcun (b.s.) - Huaihua South	200	2021	4
ASIA PACIFIC	CHINA	1. In operation	Mudanjiang - Jiamusi	250	2021	372
ASIA PACIFIC	CHINA	1. In operation	Changbaishan - Dunhua South	250	2021	99

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ASIA PACIFIC	CHINA	1. In operation	Dunhua - Dunhua South	200	2021	12
ASIA PACIFIC	CHINA	1. In operation	Hejia (b.s.) - Yangtaishan (b.s.)	350	2021	431
ASIA PACIFIC	CHINA	1. In operation	Shuangling (b.s.) - Lushan	350	2021	176
ASIA PACIFIC	CHINA	1. In operation	Tangxia (b.s.) - Dongguan South	200	2021	3
ASIA PACIFIC	CHINA	1. In operation	Dongguan South - Tangxia (b.s.)	200	2021	2
ASIA PACIFIC	CHINA	1. In operation	Yangtaishan (b.s.) - Shenzhen North	200	2021	8
ASIA PACIFIC	CHINA	1. In operation	Anqing West - Longshan (b.s.)	200	2021	7
ASIA PACIFIC	CHINA	1. In operation	Dawang. (b.s.) (-Qufu) - Zhuangzhai (Cao County)	350	2021	199
ASIA PACIFIC	CHINA	1. In operation	Anqing West - Longshan (b.s.)	200	2021	5
ASIA PACIFIC	CHINA	2. Under construction	Guangzhou (Xintang) - Shanwei	350	2022	206
ASIA PACIFIC	CHINA	2. Under construction	Changde - Yiyang - Changsha	350	2022	158
ASIA PACIFIC	CHINA	2. Under construction	Zhengzhou - Puyang	350	2022	237
ASIA PACIFIC	CHINA	2. Under construction	Beijing - Baodi	350	2022	90
ASIA PACIFIC	CHINA	2. Under construction	Baodi - Tangshan	350	2022	59
ASIA PACIFIC	CHINA	2. Under construction	Hangzhou - Shaoxing - Taizhou	350	2022	227
ASIA PACIFIC	CHINA	2. Under construction	Nanning - Chongzuo	250	2022	120
ASIA PACIFIC	CHINA	2. Under construction	Xi'an - Hancheng (intercity railway)	250	2022	176
ASIA PACIFIC	CHINA	2. Under construction	Huanggang - Huangmei	350	2021.5	125
ASIA PACIFIC	CHINA	2. Under construction	Fuzhou - Xiamen	350	2022	277
ASIA PACIFIC	CHINA	2. Under construction	Shantou - Shanwei	350	2022	163
ASIA PACIFIC	CHINA	2. Under construction	Fangchenggang - Dongxing	250	2022	48
ASIA PACIFIC	CHINA	2. Under construction	Huzhou - Hangzhou West (tie line)	350	2022	137
ASIA PACIFIC	CHINA	2. Under construction	Chengdu - Huangshengguan	200	2022	275
ASIA PACIFIC	CHINA	2. Under construction	Yinchuan - Huinong	250	2022	101
ASIA PACIFIC	CHINA	2. Under construction	Zhongwei - Lanzhou	350	2022	219
ASIA PACIFIC	CHINA	2. Under construction	Xingshan - Wanzhou	350	2022	269
ASIA PACIFIC	CHINA	2. Under construction	Nanchang - Jingdezhen - Huangshan	350	2022	281
ASIA PACIFIC	CHINA	2. Under construction	Xiangyang - Xingshan	350	2022	182
ASIA PACIFIC	CHINA	2. Under construction	Panxian - Xingyi	250	2022	98
ASIA PACIFIC	CHINA	2. Under construction	Baodi - Binhai New Area	350	2022	98
ASIA PACIFIC	CHINA	2. Under construction	Tianjin - New airport (tie line)	250	2022	57
ASIA PACIFIC	CHINA	2. Under construction	Yiwu - Wenzhou	350	2022	201
ASIA PACIFIC	CHINA	2. Under construction	Xuancheng - Jixi	350	2022.5	112
ASIA PACIFIC	CHINA	2. Under construction	Lankao - Heze	350	2022.5	86
ASIA PACIFIC	CHINA	2. Under construction	Guiyang - Nanning	350	2023	482
ASIA PACIFIC	CHINA	2. Under construction	Jiangsu South Riverside Railway	350	2023	278
ASIA PACIFIC	CHINA	2. Under construction	Chongqing - Qianjiang	350	2023	265
ASIA PACIFIC	CHINA	2. Under construction	Chengdu - Zigong	350	2023	178
ASIA PACIFIC	CHINA	2. Under construction	Zhongchuan Airport - Wuwei	250	2023	195
ASIA PACIFIC	CHINA	2. Under construction	Langfang - Daxing Airport (tie line)	200	2023	40
ASIA PACIFIC	CHINA	2. Under construction	Nanjing - Huai'an (intercity railway)	350	2023	201
ASIA PACIFIC	CHINA	2. Under construction	Zigong - Yibin (Sichuan South intercity railway)	350	2023	82
ASIA PACIFIC	CHINA	2. Under construction	Jinan - Laiwu (intercity railway)	350	2023	116
ASIA PACIFIC	CHINA	2. Under construction	Longyan - Wuping	250	2023	93
ASIA PACIFIC	CHINA	2. Under construction	Nanning - Yulin	350	2023	193
ASIA PACIFIC	CHINA	2. Under construction	Tieli - Yichun	250	2023.5	112
ASIA PACIFIC	CHINA	2. Under construction	Hefei - Xinyi	350	2023.5	208
ASIA PACIFIC	CHINA	2. Under construction	Huangshan - Chizhou	350	2023.5	145
ASIA PACIFIC	CHINA	2. Under construction	Shijiazhuang - Hengshui - Cangzhou (int. railway)	350	2023.5	224
ASIA PACIFIC	CHINA	2. Under construction	Huaibei - Fuyang	350	2023.5	230
ASIA PACIFIC	CHINA	2. Under construction	Bazhong - Nanchong	250	2023.5	152
ASIA PACIFIC	CHINA	2. Under construction	Laixi - Rongcheng (intercity railway)	350	2023.5	192
ASIA PACIFIC	CHINA	2. Under construction	Yulin - Cenxi	350	2023.5	111

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ASIA PACIFIC	CHINA	2. Under construction	Chongzuo - Pingxiang	250	2023.5	81
ASIA PACIFIC	CHINA	2. Under construction	Taicang - Situan	200	2024	112
ASIA PACIFIC	CHINA	2. Under construction	Guangzhou - Zhanjiang	350	2024	400
ASIA PACIFIC	CHINA	2. Under construction	Hepu - Zhanjiang	350	2024	137
ASIA PACIFIC	CHINA	2. Under construction	Puyang - Ji'nan	350	2024	208
ASIA PACIFIC	CHINA	2. Under construction	Mile - Mengzi	250	2024	130
ASIA PACIFIC	CHINA	2. Under construction	Chaohu - Ma'anshan (intercity railway)	250	2024	75
ASIA PACIFIC	CHINA	2. Under construction	Huangbei - Suzhou - Bengbu (intercity railway)	350	2024	160
ASIA PACIFIC	CHINA	2. Under construction	Weifang - Yantai (intercity railway)	350	2024	237
ASIA PACIFIC	CHINA	2. Under construction	Longchuan - Meizhou	350	2024	96
ASIA PACIFIC	CHINA	2. Under construction	Jining - Datong - Yuanping	250	2024.5	270
ASIA PACIFIC	CHINA	2. Under construction	Xi'an - Yan'an	350	2024.5	292
ASIA PACIFIC	CHINA	2. Under construction	Yichang - Zhengwan HS (tie line)	350	2024.5	109
ASIA PACIFIC	CHINA	2. Under construction	Chongqing - Fuling	350	2024.5	69
ASIA PACIFIC	CHINA	2. Under construction	Shenyang - Baihe	350	2024.5	429
ASIA PACIFIC	CHINA	2. Under construction	Shanghai - Suzhou - Huzhou	350	2024.5	163
ASIA PACIFIC	CHINA	2. Under construction	Fuling - Wanzhou	350	2024.5	183
ASIA PACIFIC	CHINA	2. Under construction	Chongqing - Kunming	350	2025	699
ASIA PACIFIC	CHINA	2. Under construction	Chengdu - Dazhou - Wanzhou	350	2025	488
ASIA PACIFIC	CHINA	2. Under construction	Liu'an - Anqing	250	2025	168
ASIA PACIFIC	CHINA	2. Under construction	Shenzhen - Jiangmen	250	2025.5	116
ASIA PACIFIC	CHINA	2. Under construction	Lanzhou - Hezuo	200	2026	184
ASIA PACIFIC	CHINA	2. Under construction	Xi'an - Shiyan	350	2026	256
ASIA PACIFIC	CHINA	2. Under construction	Xining - Huangshengguan	200	2027.5	502
ASIA PACIFIC	CHINA	3. Planned	Tianjin - Weifang	350	2025	350
ASIA PACIFIC	CHINA	3. Planned	Shanghai - Hangzhou	350	2025	193
ASIA PACIFIC	CHINA	3. Planned	Zhangzhou - Shantou	350	2025	167
ASIA PACIFIC	CHINA	3. Planned	Shenzhen - Shanwei	350	2025	126
ASIA PACIFIC	CHINA	3. Planned	Xiong'an - Shangqiu	350	2025	638
ASIA PACIFIC	CHINA	3. Planned	Jiujiang - Nanchang	350	2025	137
ASIA PACIFIC	CHINA	3. Planned	Xiangyang - Jingmen	350	2025	117
ASIA PACIFIC	CHINA	3. Planned	Shaoyang - Yongzhou	250	2025	91
ASIA PACIFIC	CHINA	3. Planned	Xiong'an - Xinzhou	350	2025	343
ASIA PACIFIC	CHINA	3. Planned	Baotou - Huinong	250	2025	440
ASIA PACIFIC	CHINA	3. Planned	Wuhan - Hefei	350	2025	332
ASIA PACIFIC	CHINA	3. Planned	Wuhan - Jingmen - Yichang	350	2025	296
ASIA PACIFIC	CHINA	3. Planned	Wuhan hub through line	350	2025	121
ASIA PACIFIC	CHINA	3. Planned	Changsha - Zhangzhou	350	2025	421
ASIA PACIFIC	CHINA	3. Planned	Harbin - Suihua - Tieli	250	2025	190
ASIA PACIFIC	CHINA	3. Planned	Nanjing - Ma'anshan	250	2025	65
ASIA PACIFIC	CHINA	3. Planned	Nangang - Yilan	-	2030	77
ASIA PACIFIC	CHINA	4. Long-term planning	Wenzhou - Fuzhou	350	After 2025	290
ASIA PACIFIC	CHINA	4. Long-term planning	Weifang - Suqian	350	After 2025	342
ASIA PACIFIC	CHINA	4. Long-term planning	Fuyang - Macheng - Huanggang	350	After 2025	325
ASIA PACIFIC	CHINA	4. Long-term planning	Guangzhou - Zhuhai - Macao (& Guig. - Nang. t. l.)	350	After 2025	358
ASIA PACIFIC	CHINA	4. Long-term planning	Yichang - Changde	350	After 2025	212
ASIA PACIFIC	CHINA	4. Long-term planning	Yiyang - Loudi	250	After 2025	109
ASIA PACIFIC	CHINA	4. Long-term planning	Xi'an - Ankang	350	After 2025	170
ASIA PACIFIC	CHINA	4. Long-term planning	Chongqing - Ankang	350	After 2025	540
ASIA PACIFIC	CHINA	4. Long-term planning	Baotou - Ordos	350	After 2025	130
ASIA PACIFIC	CHINA	4. Long-term planning	Ordos - Yan'an	350	After 2025	390
ASIA PACIFIC	CHINA	4. Long-term planning	Taiyuan - Suide	350	After 2025	270
ASIA PACIFIC	CHINA	4. Long-term planning	Hefei - Nanjing - Shanghai	350	After 2025	532

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ASIA PACIFIC	CHINA	4. Long-term planning	Fuling - Yichang	350	After 2025	430
ASIA PACIFIC	CHINA	4. Long-term planning	Chengdu - Chongqing (midline)	350	After 2025	275
ASIA PACIFIC	CHINA	4. Long-term planning	Dunhua - Mudanjiang	250	After 2025	190
ASIA PACIFIC	CHINA	4. Long-term planning	Nantong - Suzhou - Jiaxing	350	After 2025	208
ASIA PACIFIC	CHINA	4. Long-term planning	Jiaxing - Ningbo (cross-sea project)	350	After 2025	90
ASIA PACIFIC	CHINA	4. Long-term planning	Wuwei - Zhangye	250	After 2025	244
ASIA PACIFIC	CHINA	4. Long-term planning	Tianjin - Chengde (intercity railway)	350	After 2025	234
ASIA PACIFIC	CHINA	4. Long-term planning	Yancheng - Taizhou - Wuxi - Changz. - Yixing	250	After 2025	358
ASIA PACIFIC	CHINA	4. Long-term planning	Zhenjiang - Xuancheng	250	After 2025	173
ASIA PACIFIC	CHINA	4. Long-term planning	Nanjing - Shangyuanmen (cross. Yangzi river)	250	After 2025	17
ASIA PACIFIC	CHINA	4. Long-term planning	Nanjing - Chuzhou - Bengbu (intercity railway)	250	After 2025	197
ASIA PACIFIC	CHINA	4. Long-term planning	Jinhua - Yiwu (intercity railway)	350	After 2025	52
ASIA PACIFIC	CHINA	4. Long-term planning	Guangzhou - Zhongshan - Zhujiang - Macao (i. r.)	350	After 2025	85
ASIA PACIFIC	CHINA	4. Long-term planning	Mianyang - Suining - Neijiang (i. r.)	250	After 2025	257
ASIA PACIFIC	CHINA	4. Long-term planning	Changchun - Liaoyuan - Tonghua	250	After 2025	255
ASIA PACIFIC	CHINA	4. Long-term planning	Jinan - Binzhou	350	After 2025	146
ASIA PACIFIC	CHINA	4. Long-term planning	Jiaozuo - Luoyang - Pingdingshan	350	After 2025	255
ASIA PACIFIC	INDIA	2. Under construction	Mumbai - Ahmedabad	320	2023	508
ASIA PACIFIC	INDIA	4. Long-term planning	Delhi - Varanasi	-	-	855
ASIA PACIFIC	INDIA	4. Long-term planning	Varanasi - Patna	-	-	250
ASIA PACIFIC	INDIA	4. Long-term planning	Patna - Kolkata	-	-	530
ASIA PACIFIC	INDIA	4. Long-term planning	Delhi - Udaipur - Ahmedabad	-	-	886
ASIA PACIFIC	INDIA	4. Long-term planning	Hyderabad - Bangalore	-	-	618
ASIA PACIFIC	INDIA	4. Long-term planning	Nagpur - Varanasi	-	-	855
ASIA PACIFIC	INDIA	4. Long-term planning	Mumbai - Nagpur	-	-	789
ASIA PACIFIC	INDIA	4. Long-term planning	Mumbai - Hyderabad	-	-	709
ASIA PACIFIC	INDIA	4. Long-term planning	Patna - Guwahati	-	-	850
ASIA PACIFIC	INDIA	4. Long-term planning	Delhi - Chandigarh - Amritsar	-	-	485
ASIA PACIFIC	INDIA	4. Long-term planning	Amritsar - Pathankot - Jammu	-	-	190
ASIA PACIFIC	INDIA	4. Long-term planning	Chennai - Bangalore - Mysuru	-	-	462
ASIA PACIFIC	INDONESIA	2. Under construction	Jakarta - Bandung	300	2022	142
ASIA PACIFIC	INDONESIA	3. Planned	Bandung - Surabaya	300	-	570
ASIA PACIFIC	THAILAND	2. Under construction	Bangkok - Nakhon Ratchasima	250	2026	253
ASIA PACIFIC	THAILAND	3. Planned	3 Airports Link	250	2024	211
ASIA PACIFIC	THAILAND	3. Planned	Bangkok - Hua Hin	250	-	220
ASIA PACIFIC	THAILAND	4. Long-term planning	Nakhon Ratchasima - Vientiane	250	2026	380
ASIA PACIFIC	THAILAND	4. Long-term planning	Bangkok - Phitsanulok	300	-	355
ASIA PACIFIC	THAILAND	4. Long-term planning	Phitsanulok - Chiang Mai	300	-	288
ASIA PACIFIC	THAILAND	4. Long-term planning	Hua Hin - Padang Besar	250	-	765
ASIA PACIFIC	THAILAND	4. Long-term planning	U Tapao - Rayong Trat	-	-	170
ASIA PACIFIC	VIETNAM	3. Planned	Hanoi - Vinh - Nha Trang - Hô Chi Minh	350	2030	1,600
ASIA PACIFIC	JAPAN	1. In operation	Tokyo - Shin Osaka (Tokaido)	285	1964	515
ASIA PACIFIC	JAPAN	1. In operation	Shin Osaka - Okayama (San-yo)	300	1972	161
ASIA PACIFIC	JAPAN	1. In operation	Okayama - Hakata (San-yo)	300	1975	393
ASIA PACIFIC	JAPAN	1. In operation	Omiya - Utsunomiya (Tohoku)	275	1982	79
ASIA PACIFIC	JAPAN	1. In operation	Utsunomiya - Morioka (Tohoku)	320	1982	426
ASIA PACIFIC	JAPAN	1. In operation	Omiya - Niigata (Joetsu)	240	1982	270
ASIA PACIFIC	JAPAN	1. In operation	Ueno - Omiya (Tohoku)	130	1985	28
ASIA PACIFIC	JAPAN	1. In operation	Tokyo - Ueno (Tohoku)	110	1991	4
ASIA PACIFIC	JAPAN	1. In operation	Fukushima - Yamagata (Yamagata)	130	1992	87
ASIA PACIFIC	JAPAN	1. In operation	Morioka - Akita (Akita)	130	1997	127
ASIA PACIFIC	JAPAN	1. In operation	Takasaki - Nagano (Hokuriku)	260	1997	117
ASIA PACIFIC	JAPAN	1. In operation	Yamagata - Shinjo (Yamagata)	130	1999	62

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ASIA PACIFIC	JAPAN	1. In operation	Morioka - Hachinohe (Tohoku)	260	2002	97
ASIA PACIFIC	JAPAN	1. In operation	Shin Yatsushiro - Kagoshima Chuo (Kyushu)	260	2004	127
ASIA PACIFIC	JAPAN	1. In operation	Hachinohe - Shin Aomori (Tohoku)	260	2010	82
ASIA PACIFIC	JAPAN	1. In operation	Hakata - Shin Yatsushiro (Kyushu)	260	2011	130
ASIA PACIFIC	JAPAN	1. In operation	Nagano - Kanazawa (Hokuriku)	260	2015	228
ASIA PACIFIC	JAPAN	1. In operation	Shin Aomori - Shin Hakodate (Hokkaido)	260	2016	149
ASIA PACIFIC	JAPAN	2. Under construction	Takeo Onsen - Nagasaki (Nishi Kyushu)	260	2022	66
ASIA PACIFIC	JAPAN	2. Under construction	Kanazawa - Tsuruga (Hokuriku)	-	2023	125
ASIA PACIFIC	JAPAN	2. Under construction	Shin Hakodate - Sapporo (Hokkaido)	-	2031	211
ASIA PACIFIC	JAPAN	3. Planned	Tsuruga - Shin Osaka (Hokuriku)	-	2046	143
ASIA PACIFIC	JAPAN	3. Planned	Shin Tosu - Takeo Onsen (Nishi Kyushu)	-	-	51
ASIA PACIFIC	SOUTH KOREA	1. In operation	Geumcheon-gu (Seoul) - Dongdaegu	305	2004	268
ASIA PACIFIC	SOUTH KOREA	1. In operation	Dongdaegu - Busan	305	2010	131
ASIA PACIFIC	SOUTH KOREA	1. In operation	Osong - Gwangju	305	2015	184
ASIA PACIFIC	SOUTH KOREA	1. In operation	Suseo - Pyoengtaek	305	2016	61
ASIA PACIFIC	SOUTH KOREA	1. In operation	Seoul - Gangneung	250	2017	230
ASIA PACIFIC	SOUTH KOREA	2. Under construction	Gwangju - Mokpo	300	2025	49
EUROPE	AUSTRIA	1. In operation	Linz - Wels	200	1990	24
EUROPE	AUSTRIA	1. In operation	St. Pölten - Ybbs	200	2001	44
EUROPE	AUSTRIA	1. In operation	Amstetten - St. Valentin	200	2003	37
EUROPE	AUSTRIA	1. In operation	St. Valentin - Asten-St. Florian	230	2007	16
EUROPE	AUSTRIA	1. In operation	Vienna Knot Hadersdorf - St. Pölten	230	2012	50
EUROPE	AUSTRIA	1. In operation	Radfeld Knot - Baumkirchen Knot	220	2012	36
EUROPE	AUSTRIA	1. In operation	Wels - Attnang-Puchheim	230	2012	30
EUROPE	AUSTRIA	1. In operation	Ybbs - Amstetten	230	2016	17
EUROPE	AUSTRIA	2. Under construction	Vienna Stadlau - Slovakian border	200	2022	38
EUROPE	AUSTRIA	2. Under construction	Vienna Inzersdorf Ort - Wr. Neustadt	200	2023	47
EUROPE	AUSTRIA	2. Under construction	Graz - Klagenfurt	250	2025	122
EUROPE	AUSTRIA	2. Under construction	Gloggnitz - Mürzzuschlag	230	2026	28
EUROPE	AUSTRIA	2. Under construction	Volders-Baumkirchen - Italian border	250	2027	46
EUROPE	AUSTRIA	3. Planned	Linz - Wels	230	2026	24
EUROPE	AUSTRIA	3. Planned	Gänserndorf - Czech border	200	2028	47
EUROPE	SWITZERLAND	1. In operation	Mattstetten - Rothrist	200	2004	42
EUROPE	SWITZERLAND	1. In operation	Solothurn - Wanzwil	200	2004	11
EUROPE	SWITZERLAND	1. In operation	Frutigen - Visp (Lötschberg base tunnel)	200	2007	38
EUROPE	SWITZERLAND	1. In operation	Erstfeld - Biasca (Gotthard base tunnel)	200	2016	67
EUROPE	SWITZERLAND	1. In operation	Giubiasco/S. Antonino - Vezia (Ceneri base tunnel)	200	2020	18
EUROPE	BELGIUM	1. In operation	Brussels - French border	300	1997	72
EUROPE	BELGIUM	1. In operation	Leuven - Liège	300	2002	65
EUROPE	BELGIUM	1. In operation	Liège - German border	260	2009	36
EUROPE	BELGIUM	1. In operation	Antwerp - Dutch border	300	2009	36
EUROPE	THE NETHERLANDS	1. In operation	Hoofddorp - Rotterdam West	300	2006	44
EUROPE	THE NETHERLANDS	1. In operation	Rotterdam Lombardijen - Belgian border	300	2006	45
EUROPE	CZECH REPUBLIC	3. Planned	Plzeň - Domažlice - German border	200	2027	58
EUROPE	CZECH REPUBLIC	3. Planned	Prague - Poříčany (- Brno)	320	2028	22
EUROPE	CZECH REPUBLIC	3. Planned	Prague - Poříčany (- Hradec Králové)	320	2028	29
EUROPE	CZECH REPUBLIC	3. Planned	Šakvice - Břeclav - (A / SK border)	200	2028	23
EUROPE	CZECH REPUBLIC	3. Planned	Přerov - Ostrava	320	2029	73
EUROPE	CZECH REPUBLIC	3. Planned	Modřice - Šakvice	320	2029	35
EUROPE	CZECH REPUBLIC	3. Planned	Brno - Přerov	200	2030	80
EUROPE	CZECH REPUBLIC	3. Planned	Prague - Litoměřice	320	2030	58
EUROPE	CZECH REPUBLIC	3. Planned	Poříčany - Světlá nad Sázavou	320	2031	71
EUROPE	CZECH REPUBLIC	3. Planned	Velká Bíteš - Brno	320	2031	32

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EUROPE	CZECH REPUBLIC	3. Planned	Světlá nad Sázavou - Velká Bíteš	320	2034	81
EUROPE	CZECH REPUBLIC	3. Planned	Prague - Beroun	200	2043	25
EUROPE	CZECH REPUBLIC	3. Planned	Litoměřice - Ústí nad Labem	250	2045	23
EUROPE	CZECH REPUBLIC	3. Planned	Hradec Králové - Trutnov - Polish border	250	2050	69
EUROPE	CZECH REPUBLIC	3. Planned	Brno - Přešov	320	2050	74
EUROPE	CZECH REPUBLIC	3. Planned	Šakvice - Břeclav	320	2050	23
EUROPE	CZECH REPUBLIC	3. Planned	Ústí nad Labem - Dresden	200	-	56
EUROPE	CZECH REPUBLIC	4. Long-term planning	Poříčany - Hradec Králové	320	2040	67
EUROPE	CZECH REPUBLIC	4. Long-term planning	Odb. Veltrusy - Most	250	2040	85
EUROPE	CZECH REPUBLIC	4. Long-term planning	Ostrava - Bohumín - Polish border	200	-	21
EUROPE	DENMARK	1. In operation	Copenhagen - Ringsted	250	2019	56
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	ESTONIA	3. Planned	Tallinn - Latvian border	249	2026	213
EUROPE	LATVIA	3. Planned	Estonian border - Lithuanian border	249	2026	265
EUROPE	LITHUANIA	3. Planned	Latvian border - Polish Border	249	2026	252
EUROPE	LITHUANIA	3. Planned	Kaunas - Vilnius	249	2026	140
EUROPE	FINLAND	1. In operation	Helsinki - Turku	200	1995	156
EUROPE	FINLAND	1. In operation	Helsinki - Oulu	200	2001	673
EUROPE	FINLAND	1. In operation	Jämsänkoski - Jyväskylä	200	2001	53
EUROPE	FINLAND	1. In operation	Kinni - Otava	200	2006	44
EUROPE	FINLAND	1. In operation	Kerava - Lahti	220	2006	63
EUROPE	FINLAND	1. In operation	Lahti - Luumäki	200	2009	131
EUROPE	FINLAND	3. Planned	Helsinki - Porvoo - Kouvola - Vainikkala	-	2030	238
EUROPE	FINLAND	3. Planned	Helsinki - Turku	300	2031	156
EUROPE	FRANCE	1. In operation	LGV Paris Sud-Est	300	1981 / 1983	425
EUROPE	FRANCE	1. In operation	LGV Atlantique	300	1989 / 1990	292
EUROPE	FRANCE	1. In operation	LGV Rhône - Alpes (rail bypass of Lyon)	300	1992 / 1994	122
EUROPE	FRANCE	1. In operation	LGV Nord (inc. London - Brussels link)	300	1994 / 1996	346
EUROPE	FRANCE	1. In operation	LGV Interconnexion Est IDF	300	1994 / 1996	105
EUROPE	FRANCE	1. In operation	LGV Méditerranée	300	2001	259
EUROPE	FRANCE	1. In operation	LGV Est Europe (first phase)	320	2007	335
EUROPE	FRANCE	1. In operation	Perpignan - Spanish border (Figueres)	300	2010	24
EUROPE	FRANCE	1. In operation	LGV Rhin-Rhône Branche Est (first phase)	320	2011	146
EUROPE	FRANCE	1. In operation	LGV Est Europe (second phase)	320	2016	122
EUROPE	FRANCE	1. In operation	LGV Bretagne Pays de la Loire (BPL)	320	2017	219
EUROPE	FRANCE	1. In operation	LGV Tours - Bordeaux (SEA)	320	2017	340
EUROPE	GERMANY	1. In operation	Hannover - Würzburg	280	1991	327
EUROPE	GERMANY	1. In operation	Mannheim - Stuttgart	280	1991	99
EUROPE	GERMANY	1. In operation	(Hannover) - Oebisfelde - Berlin	250	1998	150
EUROPE	GERMANY	1. In operation	(Cologne) - Siegburg - Frankfurt	300	2002	144
EUROPE	GERMANY	1. In operation	Cologne - Düren	250	2003	39
EUROPE	GERMANY	1. In operation	Hamburg - Berlin	230	2004	286
EUROPE	GERMANY	1. In operation	(Karlsruhe) - Rastatt Süd - Offenburg - (Basel)	250	2004	44
EUROPE	GERMANY	1. In operation	Nuremberg - Ingolstadt	300	2006	89
EUROPE	GERMANY	1. In operation	Munich - Augsburg	230	2011	62
EUROPE	GERMANY	1. In operation	(Karlsruhe) - Katzenberg Tunnel - (Basel)	250	2012	18
EUROPE	GERMANY	1. In operation	Erfurt - Leipzig/Halle	300	2015	123
EUROPE	GERMANY	1. In operation	Ebensfeld - Erfurt	300	2017	107

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EUROPE	GERMANY	1. In operation	Nuremberg - Ebensfeld	230	2017	83
EUROPE	GERMANY	2. Under construction	Wendlingen - Ulm	250	2022	60
EUROPE	GERMANY	2. Under construction	Stuttgart - Wendlingen	250	2024	25
EUROPE	GERMANY	2. Under construction	Karlsruhe - Rastatt - (Basel)	250	2024	17
EUROPE	GERMANY	2. Under construction	Buggingen - Katzenberg tunnel - (Basel)	250	2025	32
EUROPE	GERMANY	2. Under construction	(Karlsruhe) - Katzenberg tunnel - Basel	250	2025	13
EUROPE	GERMANY	3. Planned	(Karlsruhe) - Riegel - Buggingen - (Basel)	200	2031	41
EUROPE	GERMANY	3. Planned	(Karlsruhe) - Offenburg - Riegel - (Basel)	250	2035	40
EUROPE	GERMANY	4. Long-term planning	Frankfurt - Mannheim	300	-	84
EUROPE	GERMANY	4. Long-term planning	(Frankfurt -) Hanau - Fulda/Würzburg	300	-	126
EUROPE	HUNGARY	3. Planned	Budapest - Serbian border	200	-	166
EUROPE	SERBIA	2. Under construction	Belgrade - Stara Pazova - Novi Sad	200	2022	75
EUROPE	SERBIA	3. Planned	Belgrade - Niš	200	2023	204
EUROPE	SERBIA	3. Planned	Novi Sad - Subotica - Hungarian border	200	-	109
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	Turin - Novara	300	2006	86
EUROPE	ITALY	1. In operation	Padova - Venice	220	2007	25
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	Rome - Naples	300	2009	205
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	2. Under construction	Brescia - Verona	300	-	45
EUROPE	ITALY	2. Under construction	Naples - Bari	200	-	150
EUROPE	ITALY	2. Under construction	Verona - Padova	250	-	79
EUROPE	POLAND	1. In operation	Grodzisk Mazowiecki - Zawiercie	200	2015	224
EUROPE	POLAND	3. Planned	Warsaw - Poznan - Wroclaw	350	2030	448
EUROPE	POLAND	3. Planned	Warsaw - Bialystok - Elk	200	2030	277
EUROPE	POLAND	3. Planned	Elk - Lithuanian border (Rail Baltica)	250	2030	80
EUROPE	POLAND	4. Long-term planning	Knapówka - Katowice/Kraków	300	After 2030	138
EUROPE	POLAND	4. Long-term planning	Wroclaw - Czech border	350	After 2030	148
EUROPE	POLAND	4. Long-term planning	Poznan - German border	350	After 2030	171
EUROPE	POLAND	4. Long-term planning	Katowice - Czech border	300	After 2030	61
EUROPE	POLAND	4. Long-term planning	Warsaw - Toruń - Gdańsk	350	After 2030	357
EUROPE	PORTUGAL	2. Under construction	Évora - Caia	250	2023	80
EUROPE	PORTUGAL	3. Planned	Lisbon - Porto	300	-	306
EUROPE	PORTUGAL	3. Planned	Porto - Valença	250	-	112
EUROPE	RUSSIA	2. Under construction	Moscow - St. Petersburg	350	2026	659
EUROPE	RUSSIA	3. Planned	St. Petersburg - Moscow - Nizhnij Novgorod	350	-	421
EUROPE	SPAIN	1. In operation	Madrid - Sevilla	270	1992	471
EUROPE	SPAIN	1. In operation	Madrid - Lleida	300	2003	467
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-Santa Ana	300	2006	111
EUROPE	SPAIN	1. In operation	Lleida - Camp de Tarragona	300	2006	96
EUROPE	SPAIN	1. In operation	Madrid - Segovia - Olmedo - Valladolid	300	2007	178
EUROPE	SPAIN	1. In operation	Antequera-Santa Ana - Málaga	300	2007	58
EUROPE	SPAIN	1. In operation	Camp de Tarragona - Barcelona	300	2008	100

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EUROPE	SPAIN	1. In operation	By pass Madrid	200	2009	5
EUROPE	SPAIN	1. In operation	Santiago - A Coruña	250	2009	61
EUROPE	SPAIN	1. In operation	(Madrid -) Torrejón de Velasco - Valencia	300	2010	362
EUROPE	SPAIN	1. In operation	Albacete Junction - Albacete	300	2010	73
EUROPE	SPAIN	1. In operation	Figueres - French border (- Perpignan)	300	2010	20
EUROPE	SPAIN	1. In operation	Ourense - Santiago	300	2011	85
EUROPE	SPAIN	1. In operation	By pass Yeles	200	2012	6
EUROPE	SPAIN	1. In operation	Barcelona - Figueres	300	2013	131
EUROPE	SPAIN	1. In operation	Albacete - Alicante/Alacant	300	2013	165
EUROPE	SPAIN	1. In operation	Santiago - Vigo	200	2015	95
EUROPE	SPAIN	1. In operation	Sevilla - Cádiz	250	2015	153
EUROPE	SPAIN	1. In operation	Valladolid - León	300	2015	166
EUROPE	SPAIN	1. In operation	Olmedo - Zamora	300	2015	99
EUROPE	SPAIN	1. In operation	Valencia - Vandellós	220	2019	219
EUROPE	SPAIN	1. In operation	Antequera-Santa Ana - Granada	250	2019	109
EUROPE	SPAIN	1. In operation	Vandellós - Tarragona	200	2020	47
EUROPE	SPAIN	1. In operation	Zamora - Pedralba	300	2020	110
EUROPE	SPAIN	1. In operation	Murcia Junction - Orihuela - Beniel	240	2021	54
EUROPE	SPAIN	1. In operation	Pedralba - Ourense	300	2021	119
EUROPE	SPAIN	2. Under construction	Beniel - Murcia	300	2022	15
EUROPE	SPAIN	2. Under construction	Venta de Baños - Burgos	300	2022	91
EUROPE	SPAIN	2. Under construction	León - Pola de Lena (Pajares New pass)	250	2022	76
EUROPE	SPAIN	2. Under construction	Navalmoral - Plasencia - Badajoz	300	2022	246
EUROPE	SPAIN	2. Under construction	Vitoria Gasteiz - Bilbao / San Sebastián	250	2028	175
EUROPE	SPAIN	2. Under construction	Murcia - Almería	300	-	188
EUROPE	SPAIN	2. Under construction	Castejón - Pamplona	300	-	75
EUROPE	SPAIN	2. Under construction	La Encina - Valencia	300	-	107
EUROPE	SPAIN	2. Under construction	Palencia - Alar del Rey	300	-	82
EUROPE	SPAIN	3. Planned	Burgos - Vitoria	300	-	110
EUROPE	SPAIN	3. Planned	Madrid - Navalmoral	300	-	223
EUROPE	SPAIN	3. Planned	Alar del Rey - Reinosa	300	-	44
EUROPE	SPAIN	3. Planned	Zaragoza - Castejón	250	-	82
EUROPE	SPAIN	3. Planned	Ourense - Vigo (vía Cerdedo)	250	-	60
EUROPE	SPAIN	3. Planned	Sevilla - Huelva	300	-	102
EUROPE	SPAIN	3. Planned	Teruel - Zaragoza	250	-	166
EUROPE	SPAIN	3. Planned	Castejón - Logroño	220	-	76
EUROPE	SWEDEN	1. In operation	Stockholm - Örebro	200	1999	187
EUROPE	SWEDEN	1. In operation	Göteborg - Lund	200	2008	283
EUROPE	SWEDEN	1. In operation	Nyland - Umeå	200	2009	180
EUROPE	SWEDEN	1. In operation	Sundsvall - Nyland	200	2010	30
EUROPE	SWEDEN	1. In operation	Göteborg - Kornsjö	200	2012	180
EUROPE	SWEDEN	2. Under construction	Umeå - Dävå	250	2024	12
EUROPE	SWEDEN	2. Under construction	Lund - Arlöv	200	2024	11
EUROPE	SWEDEN	2. Under construction	Varberg - Hamra (Varbergstunnel)	200	2025	7
EUROPE	SWEDEN	2. Under construction	Ångelholm - Maria	200	2025	24
EUROPE	SWEDEN	2. Under construction	Järna - Linköping	250	2035	160
EUROPE	SWEDEN	3. Planned	Dingersjö - Sundsvall	250	2028	14
EUROPE	SWEDEN	3. Planned	Myrbacken - Uppsala	200	2029	30
EUROPE	SWEDEN	3. Planned	Gävle - Kringlan	200	2032	40
EUROPE	SWEDEN	3. Planned	Dävå - Skelefteå	250	2033	120
EUROPE	SWEDEN	3. Planned	Göteborg - Borås (New HSL line)	250	2035	60
EUROPE	SWEDEN	3. Planned	Hässleholm - Lund (New HSL line)	320	2035	70
EUROPE	SWEDEN	3. Planned	Maria - Helsingborg	200	2035	4

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EUROPE	UK	1. In operation	Fawkham Junction - Channel Tunnel	300	2003	74
EUROPE	UK	1. In operation	London - Southfleet Junction	230	2007	39
EUROPE	UK	2. Under construction	London - Birmingham	360	2026	225
EUROPE	UK	3. Planned	Birmingham - Crewe	300	2028	60
EUROPE	UK	3. Planned	Crewe - Manchester/Wigan	300	2035	79
EUROPE	UK	3. Planned	Birmingham - Leeds/York	300	2035	202
NORTH AMERICA	CANADA	4. Long-term planning	Quebec - Windsor	300	-	1,229
NORTH AMERICA	CANADA	4. Long-term planning	Calgary - Edmonton	300	-	294
NORTH AMERICA	MEXICO	3. Planned	Mexico D.F. - Querétaro	300	-	210
NORTH AMERICA	USA	1. In operation	NE Corridor (Boston - New York - Washington)	240	2000	735
NORTH AMERICA	USA	2. Under construction	Madera - Fresno - Bakersfield	320	2029	192
NORTH AMERICA	USA	2. Under construction	San Francisco - San Jose	320	2033	82
NORTH AMERICA	USA	3. Planned	Las Vegas - Victorville	320	2023	270
NORTH AMERICA	USA	3. Planned	Houston - Dallas	330	2026	385
NORTH AMERICA	USA	3. Planned	San Jose - Madera	320	2033	204
NORTH AMERICA	USA	3. Planned	Bakersfield - Anaheim	350	2033	269
NORTH AMERICA	USA	3. Planned	Victorville - Los Angeles	320	-	150
NORTH AMERICA	USA	4. Long-term planning	NEC Future (Boston - New York - Washington DC)	350	2040	735
NORTH AMERICA	USA	4. Long-term planning	Merced - Sacramento	-	-	180
NORTH AMERICA	USA	4. Long-term planning	Los Angeles - San Diego	-	-	269
NORTH AMERICA	USA	4. Long-term planning	Vancouver (Canada) - Seattle - Portland	-	-	509
NORTH AMERICA	USA	4. Long-term planning	Tampa - Orlando	-	-	137
NORTH AMERICA	USA	4. Long-term planning	Chicago - Milwaukee	-	-	149
NORTH AMERICA	USA	4. Long-term planning	Atlanta - Charlotte	-	-	370
NORTH AMERICA	USA	4. Long-term planning	Louisville - Nashville	-	-	241
NORTH AMERICA	USA	4. Long-term planning	Denver - Albuquerque	-	-	560
NORTH AMERICA	USA	4. Long-term planning	Chicago - St. Louis	-	-	420
NORTH AMERICA	USA	4. Long-term planning	Tulsa - Oklahoma City	-	-	193
NORTH AMERICA	USA	4. Long-term planning	Chicago - Detroit	-	-	455
NORTH AMERICA	USA	4. Long-term planning	Nashville - Memphis	-	-	341
LATIN AMERICA	USA	4. Long-term planning	Kansas City - St. Louis	-	-	399
LATIN AMERICA	USA	4. Long-term planning	Chicago - Indianapolis	-	-	298
MIDDLE EAST	BAHREIN	4. Long-term planning	Doha - Manama	350	-	180
MIDDLE EAST	IRAN	2. Under construction	Tehran - Qom - Esfahan	250	2023 / 2024	410
MIDDLE EAST	IRAN	3. Planned	Tehran - Mashhad	200	2025	926
MIDDLE EAST	IRAN	3. Planned	Qom - Arak	250	2025	117
MIDDLE EAST	IRAN	4. Long-term planning	Tehran - Hamedan	-	-	284
MIDDLE EAST	IRAN	4. Long-term planning	Tehran - Zanjan - Tabriz	-	-	613
MIDDLE EAST	IRAN	4. Long-term planning	Esfahan - Shiraz	-	-	470
MIDDLE EAST	IRAN	4. Long-term planning	Esfahan - Yazd	-	-	284
MIDDLE EAST	ISRAEL	3. Planned	Tel Aviv - Haifa	250	-	85
MIDDLE EAST	SAUDI ARABIA	1. In operation	Medina - Jeddah - Mecca	300	2018	449
MIDDLE EAST	TURKEY	1. In operation	Ankara - Eskisehir	250	2009	245
MIDDLE EAST	TURKEY	1. In operation	(Ankara) Polatlı - Konya	250	2011	212
MIDDLE EAST	TURKEY	1. In operation	Eskisehir - İzmit - Pendik (Istanbul)	250	2014	257
MIDDLE EAST	TURKEY	1. In operation	Kayseri North Passage	160	2016	23
MIDDLE EAST	TURKEY	1. In operation	Balıyeyh (Kırıkkale) - Sivas	300	2021	315
MIDDLE EAST	TURKEY	2. Under construction	(Ankara) Kayaş - Balıyeyh (Kırıkkale)	300	2023	78
MIDDLE EAST	TURKEY	2. Under construction	Bursa - Osmaniye	200	2024	106
MIDDLE EAST	TURKEY	2. Under construction	Mersin - Adana - Gaziantep	200	2025	313
MIDDLE EAST	TURKEY	2. Under construction	(Ankara) Polatlı - Menemen (Izmir)	250	2025	508
MIDDLE EAST	TURKEY	2. Under construction	Halkalı - Ispartakule	200	2025	9
MIDDLE EAST	TURKEY	2. Under construction	Aksaray - Ulukışla - Yenice	200	2025	192

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MIDDLE EAST	TURKEY	2. Under construction	Konya - Karaman - Ulukışla	200	-	237
MIDDLE EAST	TURKEY	2. Under construction	Çerkezköy - Kapıkule (Bulgarian border)	200	-	153
MIDDLE EAST	TURKEY	3. Planned	Ispartakule - Çerkezköy	200	2025	67
MIDDLE EAST	TURKEY	3. Planned	Eskişehir - Antalya	200	-	428
MIDDLE EAST	TURKEY	3. Planned	Delice (Kırıkkale) - Samsun	200	-	293
MIDDLE EAST	TURKEY	3. Planned	Erzincan - Kars	200	-	382
MIDDLE EAST	TURKEY	3. Planned	Kayseri - Antalya	200	-	541
MIDDLE EAST	TURKEY	3. Planned	Gaziantep - Mardin	200	-	300
LATIN AMERICA	BRAZIL	4. Long-term planning	Rio de Janeiro - São Paulo - Campinas	300	-	511
LATIN AMERICA	CHILE	4. Long-term planning	Santiago - Valparaíso	220	-	127

The definition of High Speed Rail

UIC considers a commercial speed of above 200 km/h as HSR if the system in operations complies with

- ▶ track equipment,
- ▶ rolling stock (generalisation of trainsets),
- ▶ signaling systems (abandonment of trackside signals),
- ▶ operations (long-range control centres),
- ▶ the geographical or temporal separation of freight and passenger traffices,
- ▶ and more globally with the standards for High Speed.

You can see also... <https://uic.org/passenger/highspeed/>