



Islamic Republic of Afghanistan
Afghanistan Railway Authority



**RAILWAY NETWORK
CONNECTIVITY
&
INTEROPERABILITY CHALLENGES**

Sept 2018

Connectivity, Computability and Operability through integrated Approach



- Afghanistan is the country that can become the land-bridge and the round-about of the region, connecting Central Asia to South Asia
- Provide land routes for Chinese goods to Europe similarly vice versa and serve as the hub for Silk Road's trade and transit route.
- Afghanistan can be the means of giving economic access to warm ports to Central Asian nations via connecting Charbahar in Iran and Karachi and Gwadar ports in Pakistan.

REGIONAL RAILWAYS CORRIDOR DEVELOPMENT	PARTICIPATING COUNTRIES
LAPIS LAZULI RAILWAY CORRIDOR	Member Countries (5)
CAREC	Members Countries (11)
OBOR	Member Countries (65)
CHA- BAHAR	Iran, Afghanistan, India
TRANS-ASIAN RAILWAY LINE	Members Countries (28)
ECO	Members Countries (10)
FIVE NATION RAILWAY CORRIDORS	Iran –Afghanistan – Tajikistan – Kirghizstan – China –
TAT	Turkmenistan – Afghanistan –Tajikistan
UAI	Uzbekistan – Afghanistan – Iran

Regional Railway Network

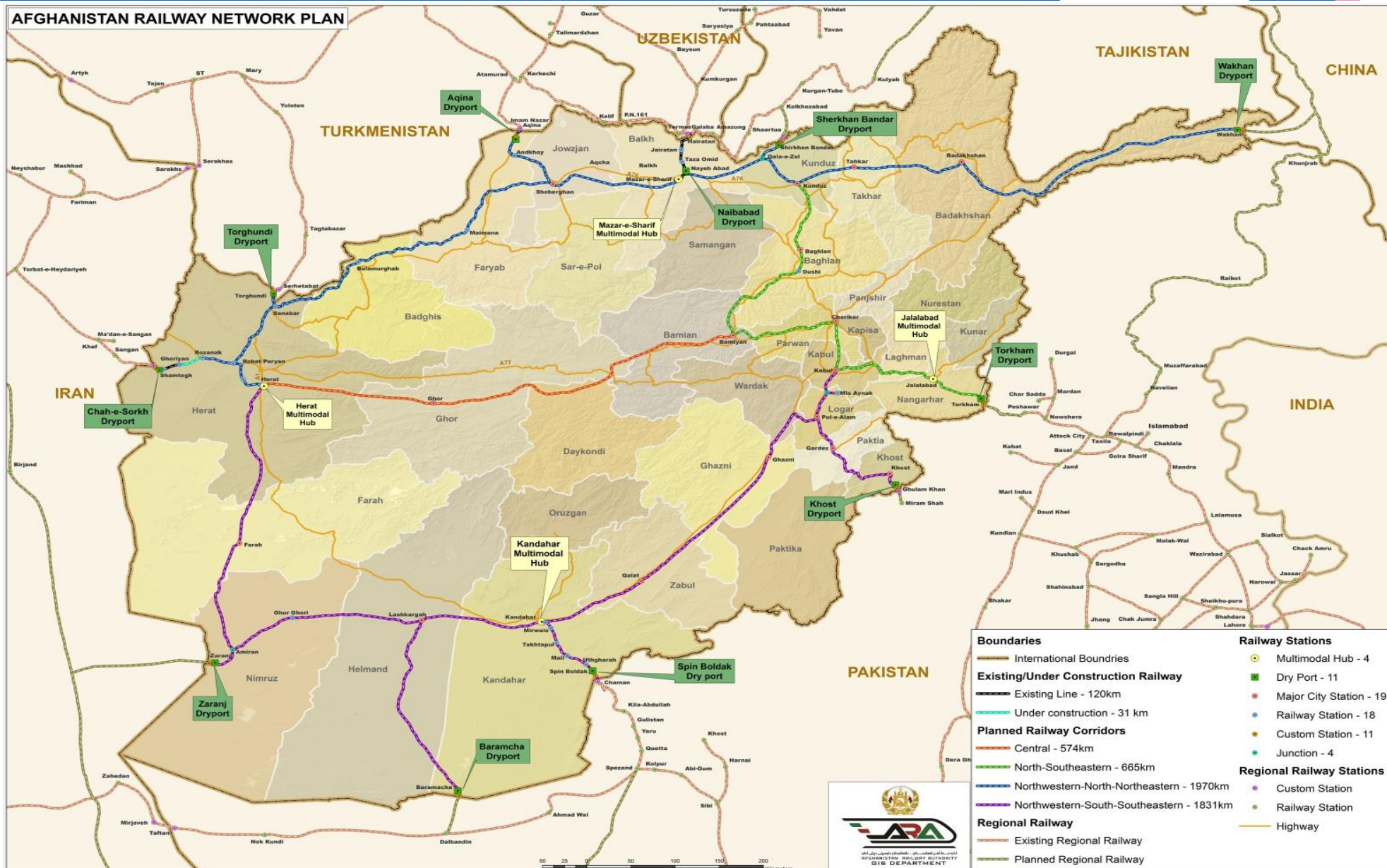


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Regional Railway Network



Afghanistan National Railway Development Plan



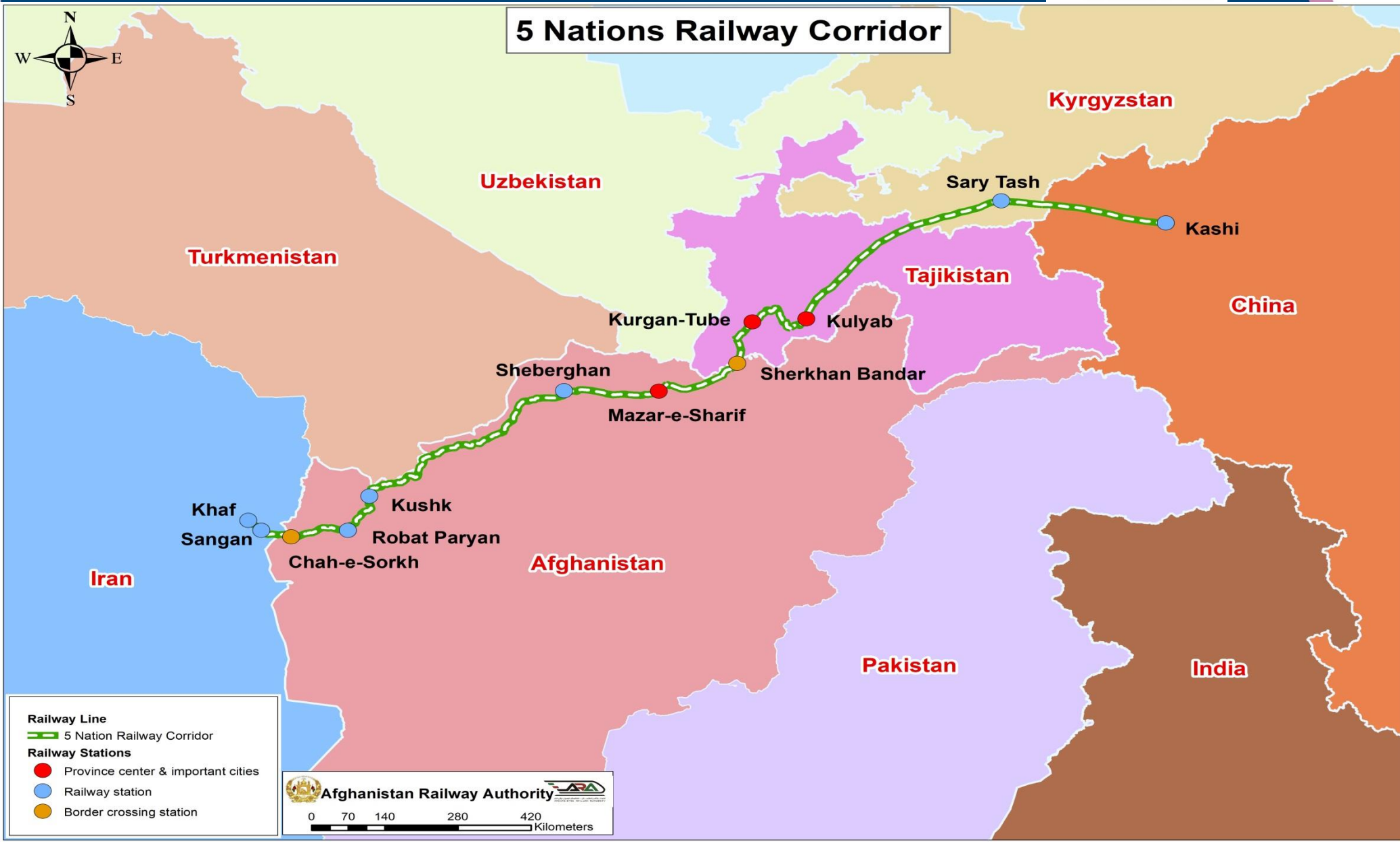
- AFGHANISTAN RAILWAY HAS PLANNED 11 CROSS BORDER STATIONS TO IMPROVE CONNECTIVITY WITH NEIGHBOR COUNTRIES SUCH AS CHINA, TAJIKISTAN, UZBEKISTAN, TURKMENISTAN, IRAN AND PAKISTAN.

Cross Border Station	Connecting Country
Sherkhan Bandar (Planned)	Tajikistan
Hairatan (Operating)	Uzbekistan
Aqina (Operating)	Turkmenistan
Torghundi (Operating)	
Chah-e-Sorkh (Under Construction)	Iran
Zaranj (Planned)	
Baramcha (Planned)	Pakistan
Spin Boldak (Construction will start soon)	
Ghulam Khan (Planned)	
Torkham (Planned)	
Wakhan (Planned)	China

5 Nation Railway Corridor



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Trilateral Railway Route



Agreements Signed

SN	Country	Agreement description	Date
1	Turkmenistan	Promotion of railway cooperation	July 2017
2	Turkmenistan	Transportation of goods	July 2017
3	Turkmenistan	Operation of Cross Border Stations	Dec 2017
4	Tajikistan	Promotion of cooperation in the railway field	Dec 2017
5	Uzbekistan	Development of Cooperation in Railway	June 2018
6	Uzbekistan	Regulation for transportation of goods	Dec 2017
7	Uzbekistan	Transit of goods	Dec 2017

Organization for Cooperation of Railways OSJD:

- Afghanistan Railway Authority Became a Full Member of the OSJD in June 2014.
- Afghanistan – Uzbekistan and Afghanistan – Turkmenistan cross border agreements follow the OSJD rules and regulation.

International Union of Railways (UIC):

- The membership of UIC aids Afghanistan Railways in the facilitation of transiting Afghan and South Asian goods
- Afghanistan's regional economic integration and credibility relates to the full integration and coordination with regional and international standards

Intergovernmental Organization for International Carriage by Rail (OTIF):

- Afghanistan will soon become member of OTIF.

Afghanistan railway follows OSJD coding and benchmarks for crossing points between Afghanistan – Turkmenistan and Afghanistan – Uzbekistan

Crossing point between						From – To	
Afghanistan & Turkmenistan				Afghanistan &Uzbekistan			
Turkman Sarhad Abad	Afghan Torghundy	TurkmanAtamur ad	Afghan : Aqina	Uzbek: Ghalaba	Afghan Hairatn		
4506		4302		5103		Crossing Code	
67	68	67	68	29	68	ARA Code	
				6.480 km		000250	Hairatan
				30.893 Km		000249	Jairatan
				46.395 Km		000248	Tazah Omid
				60.595 Km		000247	Naibabad
				81.080 Km		000246	Mazar-e-Sharif
		112 Km				000242	Aqina
6.200 Km						000244	Torghundi

- Difference of Gauge in neighboring countries
- Lack of technical railway experts in the country
- Need of Railway Cooperation between the countries.
- Lack of quality inspection in cross border railway stations
- Less capacity of railway stations
- Difficulties in Loading & Unloading of wagons, as the standards are not followed.



THANK YOU
Q & A