

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

In the name of Allah, the beneficent the merciful



GOVERNMENT OF PAKISTAN

MINISTRY OF COMMUNICATIONS

NATIONAL HIGHWAY AUTHORITY



Development of Road Infrastructure to Cater International & Domestic Commerce



Mission Statement

Promote national and regional integration through an efficient, reliable, safe and environment friendly road network for sustainable economic growth and improved life standards



Role of Road Infrastructure in Trade

- Road Infrastructure plays a vital role in promoting domestic and international trade and cure trade deficit.
- An effective transportation system is a fundamental element in enabling sustainable economic development
- Road Infrastructure is the most preferred mode of transportation being the efficient among all modes of transport



Regional Connectivity – Mobility – Logistics

Important Elements

- **Appropriate and resilient infrastructure (Road, Rail, Ports)**
- **Harmonized International Transport Facilitation Legal Framework**

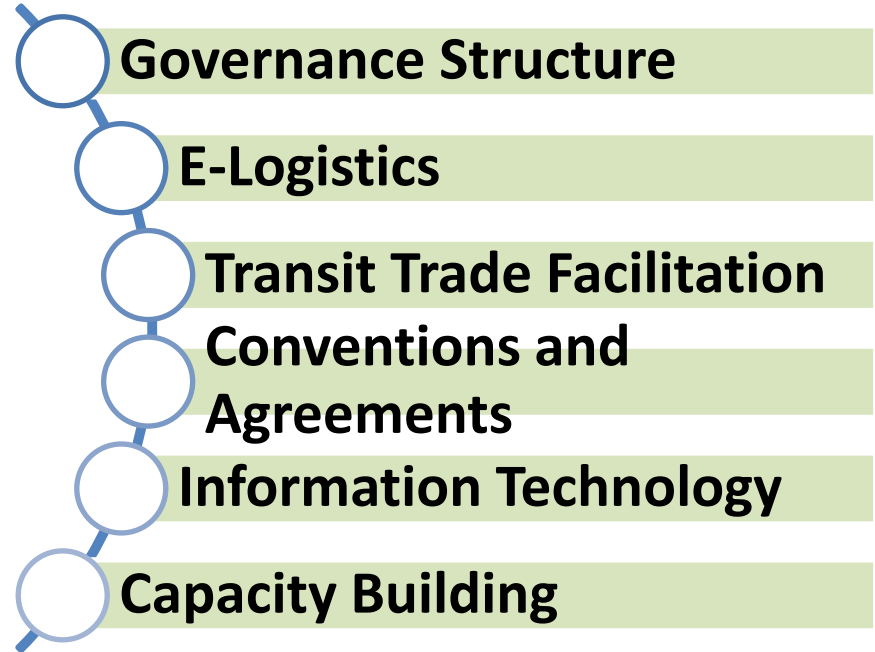
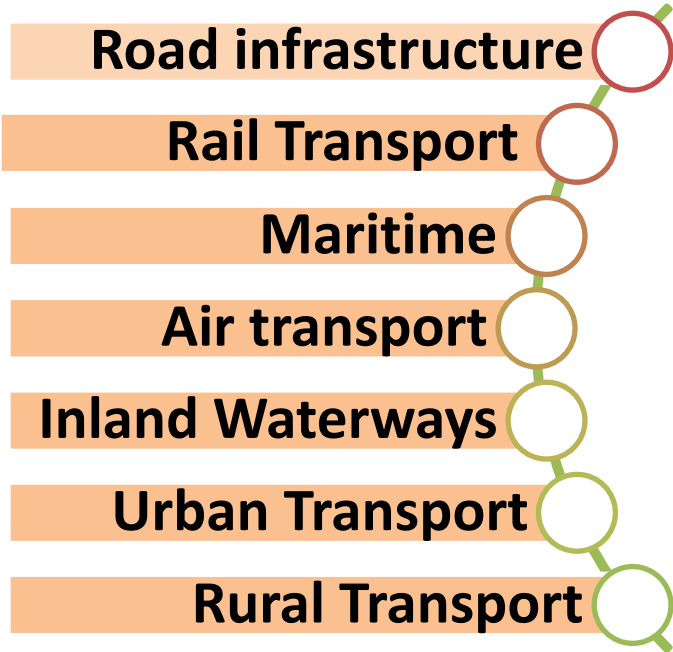
Connectivity with International Transport Corridors

National Highways & Motorways Network of Pakistan is integrated with:

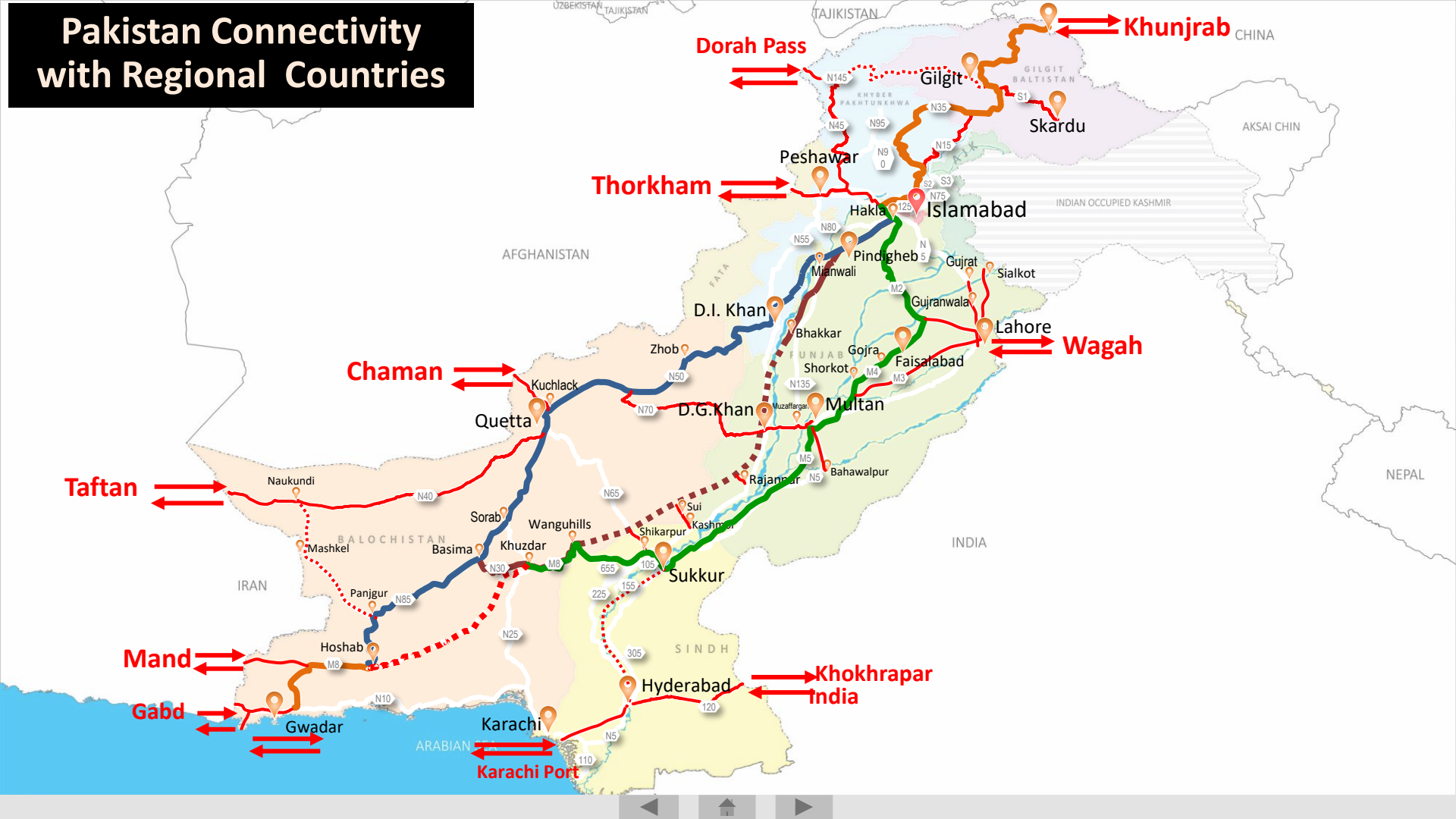
- **Asian Highway Network (32 Countries)**
- **CAREC Road Transport Corridors (11 Countries)**
- **ECO Road Transport Corridors (10 Countries)**
- **SCO Road Network/Corridors (8 Countries)**
- **China-Pakistan Economic Corridor (CPEC)**

National Freight and Logistics Policy of Pakistan

Following Policy Areas have been covered



Pakistan Connectivity with Regional Countries



Pakistan Connectivity

Connected with
Afghanistan
Tajikistan

Connected with
Afghanistan
Tajikistan
Turkmenistan
Uzbekistan

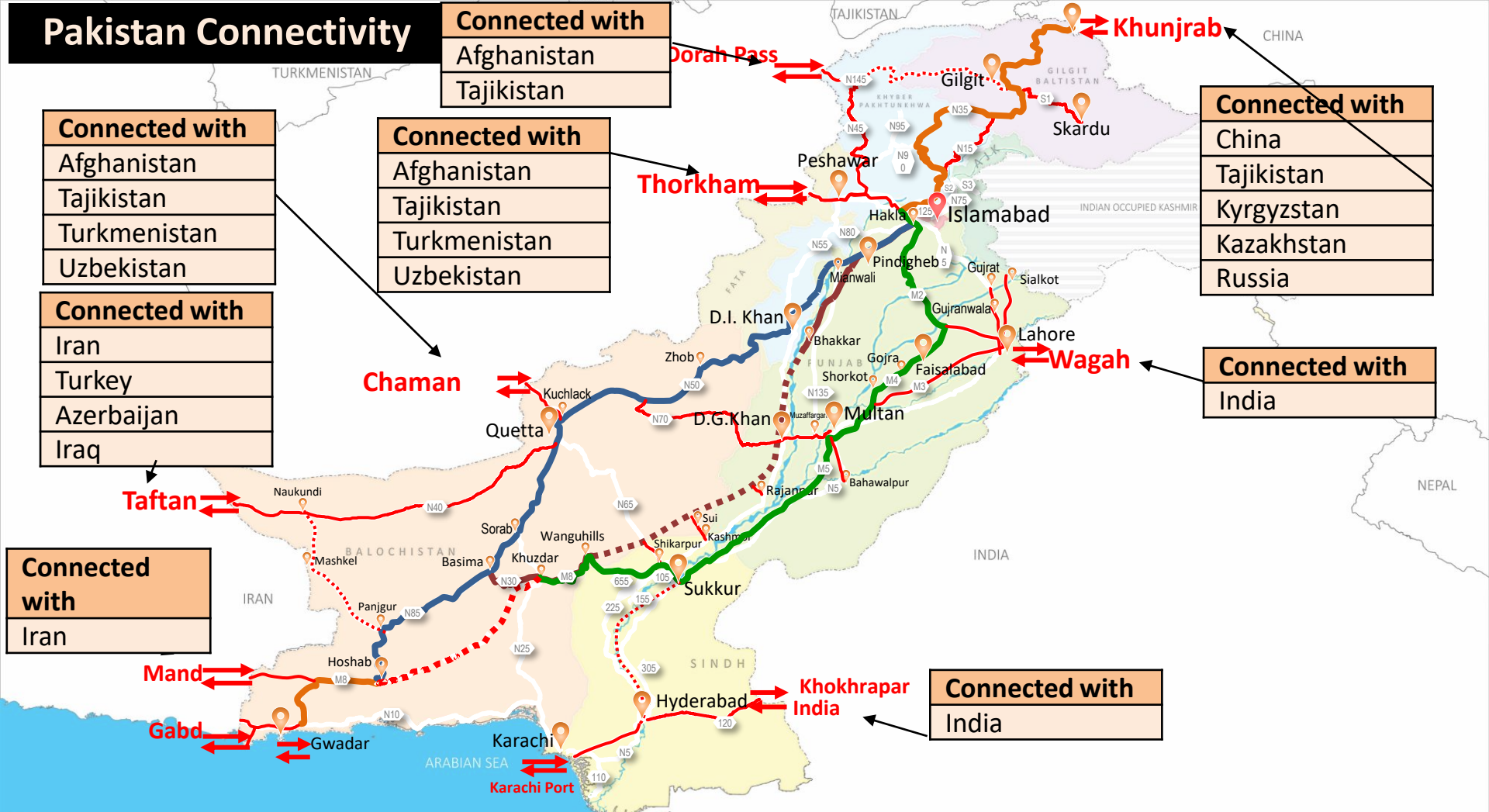
Connected with
Iran
Turkey
Azerbaijan
Iraq

Connected with
Afghanistan
Tajikistan
Turkmenistan
Uzbekistan

Connected with
China
Tajikistan
Kyrgyzstan
Kazakhstan
Russia

Connected with
India

Connected with
India



China Pakistan Economic Corridor (CPEC)

Western Alignment

Via Quetta – Gwadar

2,492 Km

Central Alignment

Via D.G Khan – Gwadar

2,423 Km

Eastern Alignment

Via Motorways – Gwadar

2,692 Km

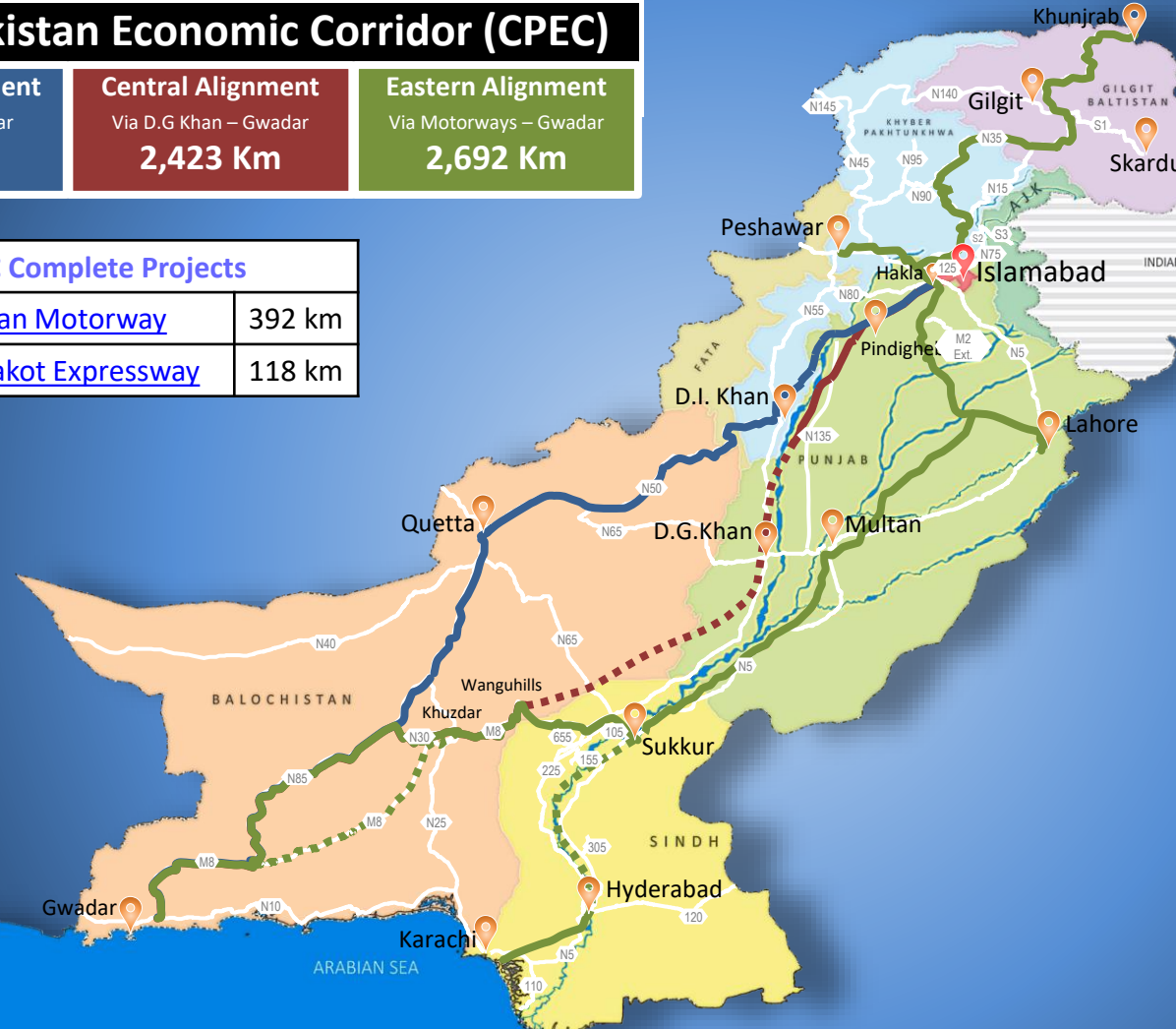
CPEC Complete Projects

[Sukkur-Multan Motorway](#)

392 km

[Havelian-Thakot Expressway](#)

118 km



Eastern Alignment

From	To	No. of Lanes	Distance (km)	Total (km)
Khunjrab	Thakot	2	615	615
Thakot	Mansehra	2	78	693
Mansehra	Burhan	4/6	97	790
Burhan	Pindi Bhatian	6	293	1083
Pindi Bhatian	Faisalabad	4	53	1136
Faisalabad	Multan	4	240	1376
Multan	Sukkur	6	392	1768
Sukkur	Shikarpur	2	37	1805
Shikarpur	Rato Dero	2	43	1848
Rato Dero	Khuzdar	2	180	2028
Khuzdar	Basima	2	110	2138
Basima	Hoshab	2	361	2499
Hoshab	Gwadar	2	193	2692

Central Alignment

From	To	No. of Lanes	Distance (km)	Total (km)
Khunjrab	Burhan (Hakla)	2/4/6	790	790
Burhan (Hakla)	Pindigheb	4	61	851
Pindi Gheb	Kot Addu	4	355	1206
Kot Addu	DG Khan	4	55	1261
DG Khan	Rajanpur	4	49	1310
Rajanpur	Wangu Hills	4	336	1646
Wangu Hills	Khuzdar	4	113	1759
Khuzdar	Basima	4	110	1869
Basima	Hoshab	2	361	2230
Hoshab	Gwadar	2	193	2423

Western Alignment

From	To	No. of Lanes	Distance (km)	Total (km)
Khunjrab	Burhan (Hakla)	2/4/6	790	790
Burhan (Hakla)	DI Khan (Yarik)	4	285	1075
DI Khan (Yarik)	Zhob	2	235	1310
Zhob	Quetta	2	331	1641
Quetta	Surab	2	211	1852
Surab	Hoshab	2	449	2301
Hoshab	Gwadar	2	193	2494

Regional Connectivity



[Pakistan – Afghanistan](#)

[Pakistan – Russia](#)

[Pakistan – Iran](#)

[Pakistan – Turkey](#)

[Pakistan – Georgia](#)

[Economic Cooperation Organization \(ECO\)](#)

[Pakistan - China](#)

[Pakistan – China –
Kyrgyzstan –
Kazakhstan – Tajikistan
\(New Member\)](#)

[Pakistan – Tajikistan](#)

[Central Asia Regional
Economic Cooperation
\(CAREC\)](#)

[Shanghai Cooperation
Organization \(SCO\)](#)

Link Slides



Central Asia Regional Economic Cooperation (CAREC)

CAREC

(Central Asia Regional Economic Cooperation)

11 Members Countries

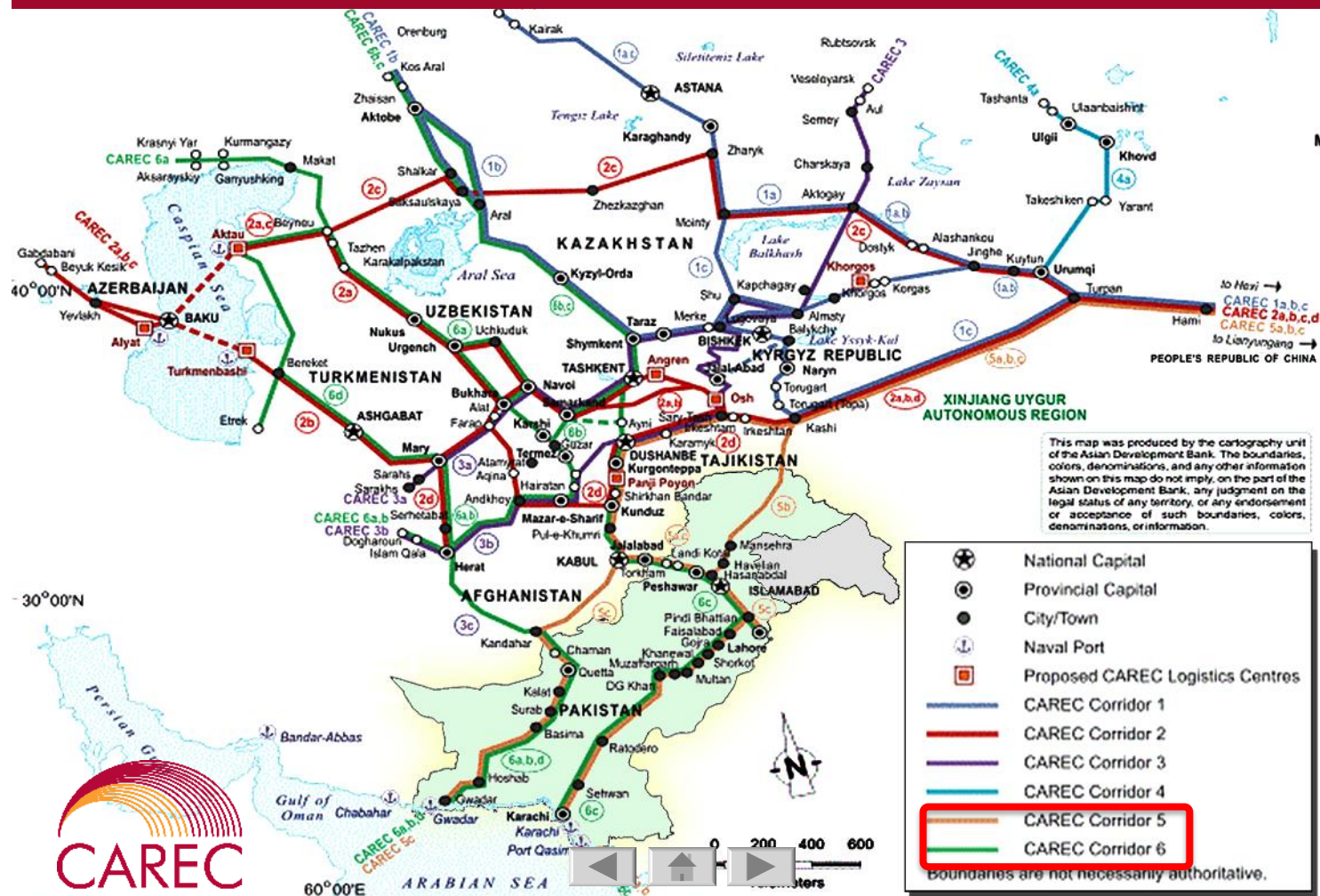
- Pakistan
- Afghanistan
- Azerbaijan
- Kyrgyzstan
- Kazakhstan
- Mongolia
- Tajikistan
- Turkmenistan
- Uzbekistan
- China
- Georgia

ROUTES

Route No	Countries
5A	Pakistan- Afghanistan – Tajikistan – Kyrgyzstan- China
5B	Pakistan - China
5C	Pakistan- Afghanistan – Tajikistan – Kyrgyzstan- China
6A	Pakistan- Afghanistan – Uzbekistan – Kazakhstan - Russia
6B	Pakistan- Afghanistan – Iran - Uzbekistan – Kazakhstan - Russia
6C	Pakistan- Afghanistan – Tajikistan - Uzbekistan – Kazakhstan - Russia
6D	Pakistan- Afghanistan – Iran – Afghanistan – Turkmenistan - Kazakhstan - Russia



Central Asia Regional Economic Cooperation (CAREC)



Pakistan - China



Pakistan - China

- Bilateral Agreement on Road Transport signed in 1993 for Goods & Passengers
- In operation since April 2005
- Currently, operations suspended due to Covid



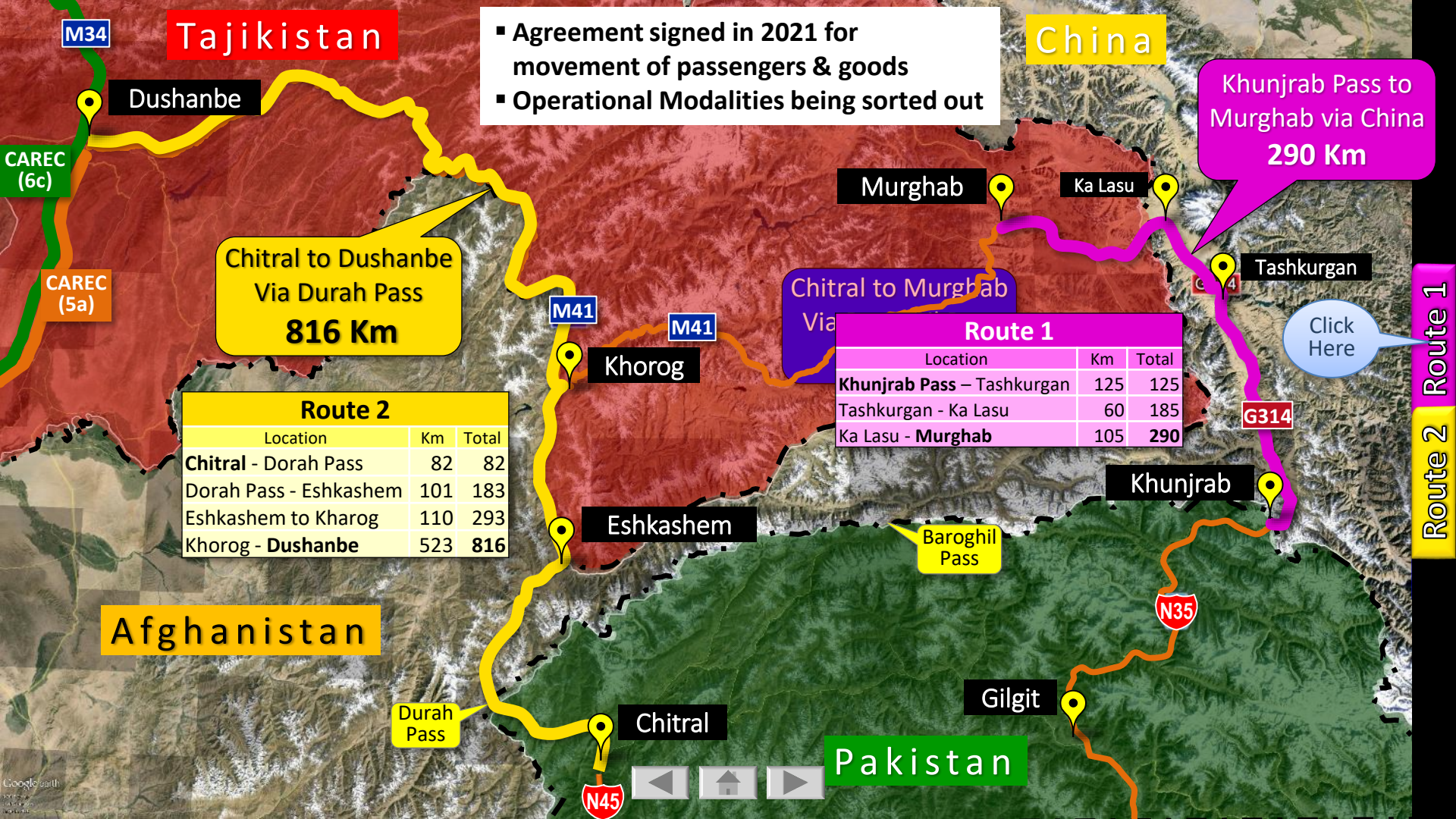
Route

Pakistan: Karachi-Rawalpindi-Hassanabdal-Gilgit-Khunjrab

China: Taskurgan-Kashgar

Pakistan – Tajikistan





Tajikistan

China

Dushanbe

Murghab

Ka Lasu

Khunjrab Pass to Murghab via China
290 Km

Tashkurgan

Khunjrab

Khorog

Eshkashem

Chitral

Gilgit

Afghanistan

Pakistan

- Agreement signed in 2021 for movement of passengers & goods
- Operational Modalities being sorted out

Chitral to Dushanbe
Via Durah Pass
816 Km

Chitral to Murghab
Via

Route 2		
Location	Km	Total
Chitral - Dorah Pass	82	82
Dorah Pass - Eshkashem	101	183
Eshkashem to Khorog	110	293
Khorog - Dushanbe	523	816

Route 1		
Location	Km	Total
Khunjrab Pass – Tashkurgan	125	125
Tashkurgan - Ka Lasu	60	185
Ka Lasu - Murghab	105	290

Click Here

Route 1
Route 2

Quadrilateral Agreement among Pakistan–China– Kyrgyzstan–Kazakhstan–Tajikistan(Joining under process)

Quadrilateral Agreement on Traffic – Goods Movement

- Pakistan, China, Kyrgyzstan, Kazakhstan Tajikistan (Joining under process)
- Signed in 1995 – Operationalized since 2004
- Currently, operations suspended due to Covid
- Route followed is CPEC Route



Route followed under Quadrilateral Agreement

Pakistan: Karachi-Rawalpindi-Hassanabdal-Gilgit-Khunjrab

China: Taskurgan-Kashgar-Torugart

Kyrgyzstan: Bishkek-Akjol-Kordai.

Kazakhstan: Almaty



Pakistan – Afghanistan

Pakistan - Afghanistan

- **Afghanistan-Pakistan Transit Trade Agreement (APTTA)- Goods**
- **Signed in 2010 for 10 Years**
- **Expired in 2020**
- **Extended till signing of new APTAA that is under negotiation**



(Route-1)

Islamabad-Peshawar-Torkham-Kabul

From	To	Distance (km)
Islamabad	Peshawar	170 km
Peshawar	Torkham	56 km
Torkham	Kabul	228 km
Total Distance		454 km

(Route-2)

Quetta-Chaman-Khandhar-Kabul

From	To	Distance (km)
Quetta	Chaman	128 km
Chaman	Khandhar	108 km
Khandhar	Kabul	488 km
Total Distance		724 km

Pakistan – Russia





PAKISTAN-RUSSIA

Pakistan – China – Kazakhstan – Russia

Route Distance

Location	Km	Total
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 PAKISTAN (872 km)		
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Islamabad – Khunjrab Pass	872	872
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 CHINA (1,798 km)		
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Khunjrab Pass – Kashgar	413	1,285
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Kashgar - Horgos Duty Free city	1,385	2,670
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 KAZAKHSTAN (2,819 km)		
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Kazakhstan Border – Semey	1,161	3,831
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Semey – Kazakhstan Border	1,658	5,489
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 RUSSIA (1,841 km)		
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Troitsk (Kazakhstan Border) – Moscow	1,841	7,330
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Pakistan – Iran



Road Link with Iran

Location	Km	Total
PAKISTAN		
Quetta – Nokundi	508	508
Nokandi-Taftan	121	629
IRAN		
Taftan-Zahedan	107	736
Zahedan-Kemran	505	1,241
Kemran-Yazd	364	1,605
Yazd-Qom	484	2,089
Qom-Zanjan	399	2,488
Zanjan-Tarbiz	304	2,797
Tarbiz-Bazargan	273	3,065

- **Pakistan – Iran Agreement on Road Transport (Passenger & Goods)**
- **Signed in 1987 –Operationalized since 1992**
- **Facilitates movement of Pakistani Zaareen**
- **Allows access to Pakistani Transport to Turkey, Azerbaijan & Turkmenistan**



Pakistan – Turkey



Road Link with Turkey via Iran

- Pakistan – Turkey Agreement on Road Transport (Passenger & Goods)
- Signed in 2003
- Operationalized in 2021
- As pilot run, 2 Pakistani Trucks reached Istanbul in Oct 2021



Location	Km	Total
PAKISTAN		
Quetta – Nokundi	508	508
Nokandi-Taftan	121	629
IRAN		
Taftan-Zahedan	107	736
Zahedan-Kemran	505	1,241
Kemran-Yazd	364	1,605
Yazd-Qom	484	2,089
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Zanjan-Tarbiz	304	2,797
Tarbiz-Bazargan	273	3,065
TURKEY		
Bazargan-Erzurum	314	3,379
Erzurum-Erzincan	193	3,572
Erzincan-Sivas	247	3,819
Sivas-Yozgat	227	4,046
Yozgat-Ankara	212	4,258

Pakistan – Georgia

Road Link with Georgia via Iran & Azerbaijan

- **Pakistan – Georgia Agreement on Road Transport Proposed for Passengers & Goods**
- **Under negotiation**



Economic Cooperation Organization (ECO)

ECO Transit Transport Framework - (10 Countries)

- ECO's Agreement (TTFA) covers Goods & Passengers movement through Road & Rail both
- 9 States except Uzbekistan signed in 1998
- Islamabad-Tehran-Istanbul Road Corridor identified
- Pilot run of 2 Pakistani Trucks upto Istanbul organized in Oct 21
- Efforts also being made to operationalize Islamabad-Tehran-Istanbul Rail Corridor

1. Afghanistan
2. Azerbaijan
3. Kyrgyzstan
4. Kazakhstan
5. Pakistan
6. Iran
7. Turkey
8. Turkmenistan
9. Tajikistan
10. Uzbekistan



Shanghai Cooperation Organization (SCO)

Shanghai Cooperation Organization (SCO)

6 - Road Transport Corridors

1. Barnaul – Veseloyarsk (Russia) / Aulyl (Kazakhstan) – Semey – Bakhty (Kazakhstan) / Bakhty (China) – Tacheng – Kuytun – Urumqi – Tashkurgan – Khunjrab (China) – (Pakistan) Gilgit – Besham – Burhan – Islamabad – Pindi Bhattian – Multan – Sukkur – Hyderabad – Karachi

2. St Petersburg – Orenburg – Sagarchin (Russia) / Zhaisan (Kazakhstan) – Aktobe – Kyzylorda – Shymkent – Taraz – Almaty – Korgas (Kazakhstan) / Korgas (China) – Urumqi – Lianyungang – Urumqi – Tashkurgan – Khunjrab (China) – (Pakistan) Gilgit – Besham – Burhan – Islamabad – Pindi Bhattian – Multan – Sukkur – Hyderabad – Karachi

1. China
2. Russia
3. Kazakhstan
4. Kyrgyzstan
5. Tajikistan
6. Uzbekistan
7. Pakistan
8. India

- SCO Agreement on Road Transportation signed in 2014
- Pakistan Joined in 2017
- Operational Modalities are being worked out by SCO Secretariat

3. (Pakistan) Gwadar – Turbat – Panjgur – Sohrab – Quetta – Zhob – D.I Khan – Hakla-Hassanabdal – Gilgit – Khunjrab (Pakistan) – Tashkurgan – Urumqi – Kashgar – Karasu (China) / Kulma (Tajikistan) – Murghab – Khorugh – Dushanbe (Vahdat).

4. (Pakistan) Gwadar – Turbat – Panjgur – Sohrab – Basima – Khuzdar – Ratodero – Sukkur – Multan – Pindi Bhattian – Hassanabdal – Gilgit – Khunjrab (Pakistan) – Tashkurgan – Urumqi – Korgas (China) / Korgas (Kazakhstan) – Almaty – Taraz – Shymkent – Konysbaeva (Kazakhstan) / Yallama (Uzbekistan) – Chinaz.

5. Kant – Ak-Tilek checkpoint (Kyrgyzstan) / Karasu (Kazakhstan) – Taraz – Shymkent – Kyzylorda – Aktobe – Zhaisan (Kazakhstan) / Sagarchin (Russia) – Orenburg – St Petersburg

6. At-Bashy – Torugart (Kyrgyzstan) / Torugart (China) – Kashgar – Urumqi – Lianyungang – Tashkurgan – Khunjrab (China) – (Pakistan) Gilgit – Besham – Burhan – Islamabad – Pindi Bhattian – Multan – Sukkur – Hyderabad – Karachi



Thank You

National Highway Authority

نیشنل ہائی وے اتھارٹی