Round Table Seminar on Ways Forward for Corridor-Based Transport Facilitation Arrangements in the CAREC Region
Beijing, PRC
2-3 July 2012

KEY IMPEDIMENTS TO CROSS-BORDER TRANSPORT IN THE CAREC REGION

CAREC Corridor Performance Measurement and Monitoring (CPMM)

CAREC CPMM

Corridor Performance Measurement and Monitoring

ADB TA 7353

CFCFA

Efficient corridors to reduce time and cost

Detailed measurement and monitoring

Identify bottlenecks

Develop response



Results

CPMM Results (2011, road

transport)

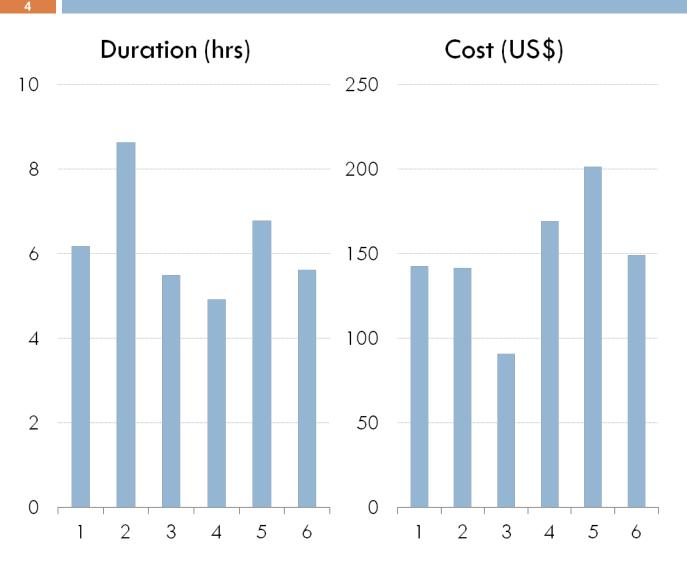
			2010			2011		
		Indicator	Mean	Median	Margin*	Mean	Median	Margin*
\Rightarrow	TFI1	Time to Clear a Border Crossing Point, in hours	6.3	3.5	± 0.4	6.2	3.6	± 0.2
	TFI2	Cost Incurred at Border Crossing Clearance, in US\$	192	118	± 5	148	89	± 4
		Cost Incurred to Travel a Corridor Section, in US\$, per 500km per 20 ton	758	382	± 38	1,055	704	± 33
	TFI4	Speed to Travel on CAREC Corridors, in kph (SWD)	24.4	23.3	± 1.8	24.5	23.5	± 1.5
	SWOD	Speed without Delay, in kph	41.0	41.9	± 3.8	43.0	43.5	± 1.9

^{*}Note: The term "margin" in the table refers to absolute margin of error, at 95% level of confidence, in the mean estimates.



BCP Indicators, by Corridor

Average cost (in US\$) and duration (in hrs)



In 2011, border crossing along Corridor 3 proved to be least costly and slightly more efficient in Corridor 4.



Delays at BCPs, by Activity Frequency (count) and Average Duration (in hours) [Road Trans

Overall CAREC

Frequency **Average Duration (hrs)** 6,908 A. Border Security / Control 46 B. Customs (Single Window) C. Customs Clearance 6,839 1.8 4,217 0.5 D. Health / Quarantine 4,341 E. Phytosanitary 2,606 F. Veterinary Inspection 2,365 G. Visa/Immigration 1,156 H. GAI/Traffic Inspection I. Police Checkpoint / Stop 2,663 during J. Transport Inspection 2,489 0.4 3,435 K. Weight/Standard Inspection 3,074 L. Vehicle Registration 129 M. Emergency Repair N. Escort / Convoy 26 2.2 O. Loading / Unloading 1,914 4.0 P. Road Toll Q. Waiting/ Queue 4,241

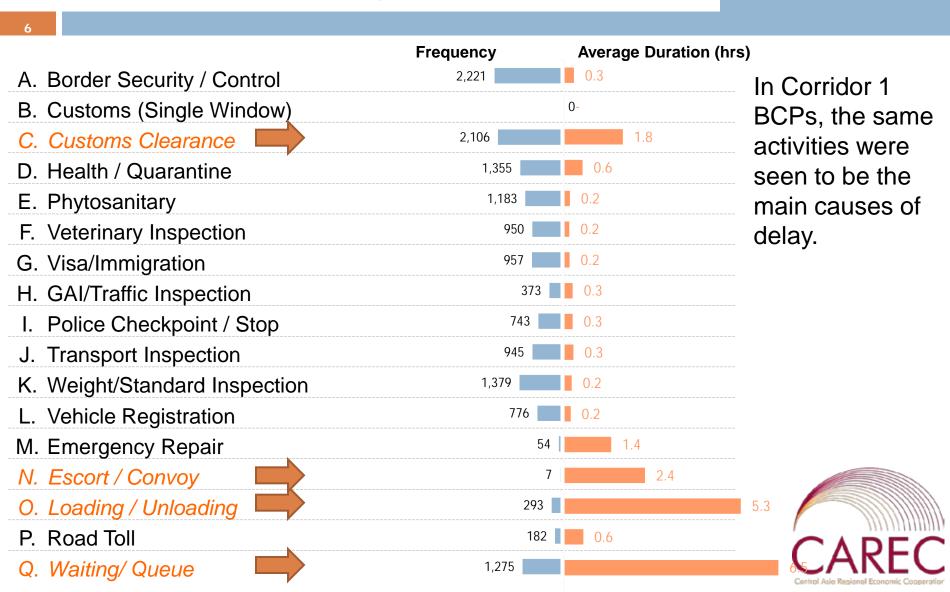
Among all activities, waiting in queue and loading are very time-consuming, and are frequently experienced during shipments.



Results Corridor

Delays at BCPs, by Activity

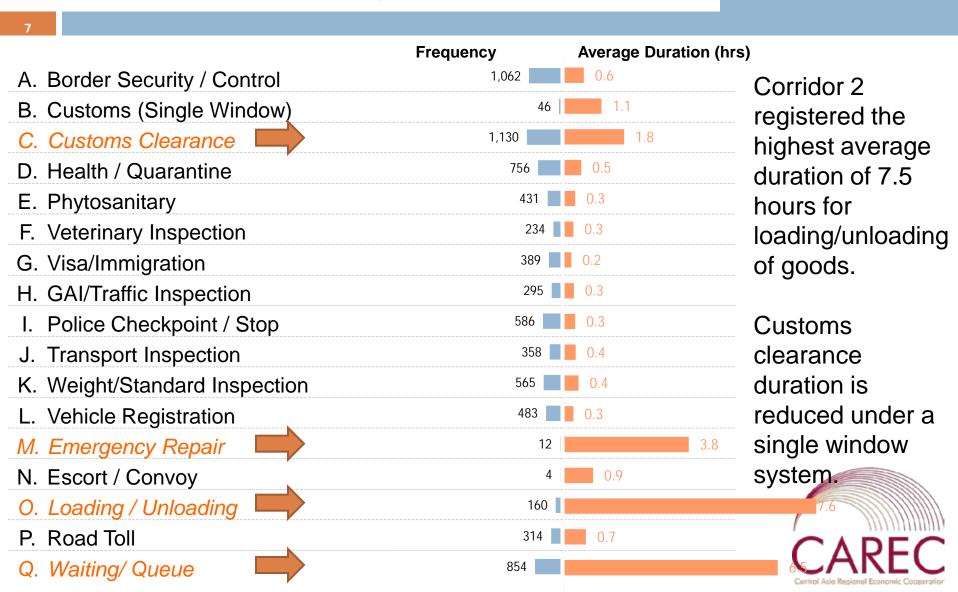
Frequency (count) and Average Duration (in hours) [Road Trans



Results Corridor 2

Delays at BCPs, by Activity

Frequency (count) and Average Duration (in hours) [Road Trans



Results Corridor 3

Delays at BCPs, by Activity

Frequency (count) and Average Duration (in hours) [Road Trans

Frequency **Average Duration (hrs)** A. Border Security / Control 0-B. Customs (Single Window) C. Customs Clearance 944 555 0.2 D. Health / Quarantine 792 E. Phytosanitary 512 0.2 F. Veterinary Inspection 291 0.3 G. Visa/Immigration 65 0.3 H. GAI/Traffic Inspection 514 0.3 I. Police Checkpoint / Stop J. Transport Inspection 0.5 K. Weight/Standard Inspection 389 0.3 L. Vehicle Registration M. Emergency Repair N. Escort / Convoy 2.1 99 O. Loading / Unloading P. Road Toll 0.5 Q. Waiting/ Queue 480

In BCPs along Corridors 3, 4 and 6, similar activities were observed to be the main cause of delay.



Results Corridor 4

Delays at BCPs, by Activity

Frequency (count) and Average Duration (in hours) [Road Trans

Frequency **Average Duration (hrs)** A. Border Security / Control 0-B. Customs (Single Window) 935 C. Customs Clearance D. Health / Quarantine E. Phytosanitary F. Veterinary Inspection 359 0.1 G. Visa/Immigration 250 0.3 H. GAI/Traffic Inspection 153 0.2 I. Police Checkpoint / Stop 101 0.3 J. Transport Inspection K. Weight/Standard Inspection L. Vehicle Registration 954 M. Emergency Repair N. Escort / Convoy 2.6 O. Loading / Unloading 593 5.6 270 0.1 P. Road Toll Q. Waiting/ Queue 591

Results Corridor 5

Delays at BCPs, by Activity

Frequency (count) and Average Duration (in hours) [Road Trans

Frequency **Average Duration (hrs)** A. Border Security / Cont 545 Corridor 5 B. Customs (Single Window) 0suffered from C. Customs Clearance long delays due 268 0.6 D. Health / Quarantine to border 311 0.5 E. Phytosanitary security / 168 0.2 F. Veterinary Inspection control (2.3 344 0.2 G. Visa/Immigration hours). 17 0.4 H. GAI/Traffic Inspection 118 0.2 I. Police Checkpoint / Stop 87 | 0.2 J. Transport Inspection 81 0.4 K. Weight/Standard Inspection 178 0.2 L. Vehicle Registration M. Emergency Repair 1 0.2 N. Escort / Convoy 335 1.3 O. Loading / Unloading 25 | 0.1 P. Road Toll 200 Q. Waiting/ Queue

Results Corridor 6

Delays at BCPs, by Activity Frequency (count) and Average Duration (in hours) [Road Trans

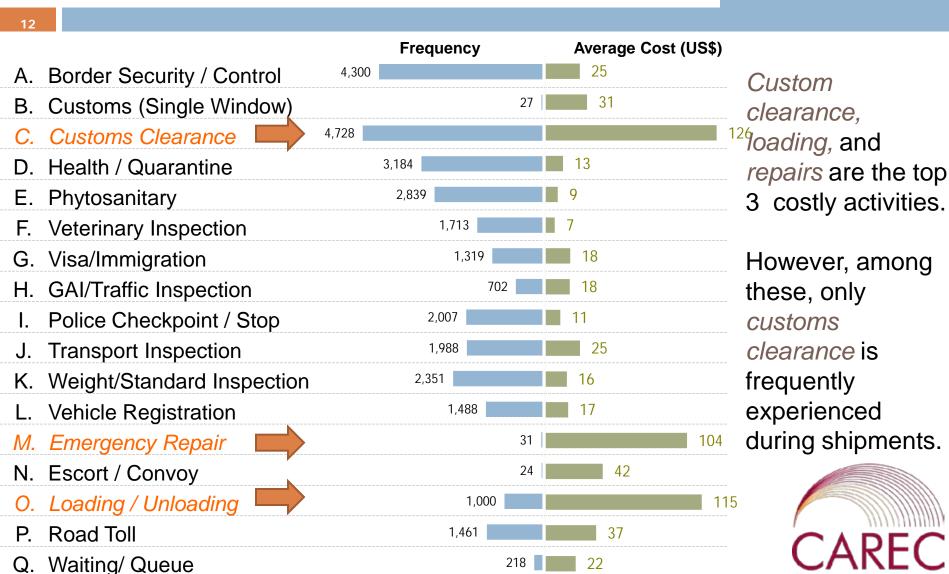
11		
	Frequency	Average Duration (hrs)
A. Border Security / Control	1,216	0.8
B. Customs (Single Window)		0-
C. Customs Clearance	1,143	1.6
D. Health / Quarantine	642	0.5
E. Phytosanitary	710	0.6
F. Veterinary Inspection	271	0.3
G. Visa/Immigration	25	0.5
H. GAI/Traffic Inspection	156	0.5
I. Police Checkpoint / Stop	549	0.4
J. Transport Inspection	576	0.6
K. Weight/Standard Inspection	485	0.6
L. Vehicle Registration	294	0.5
M. Emergency Repair	36	1.6
N. Escort / Convoy	5	3.2
O. Loading / Unloading	434	1.7
P. Road Toll	24	0.5
Q. Waiting/ Queue	841	5.1



Results Overall CAREC

Cost spent at BCPs, by Activity

Frequency (count) and Average Cost (in US\$) [Road Transport]

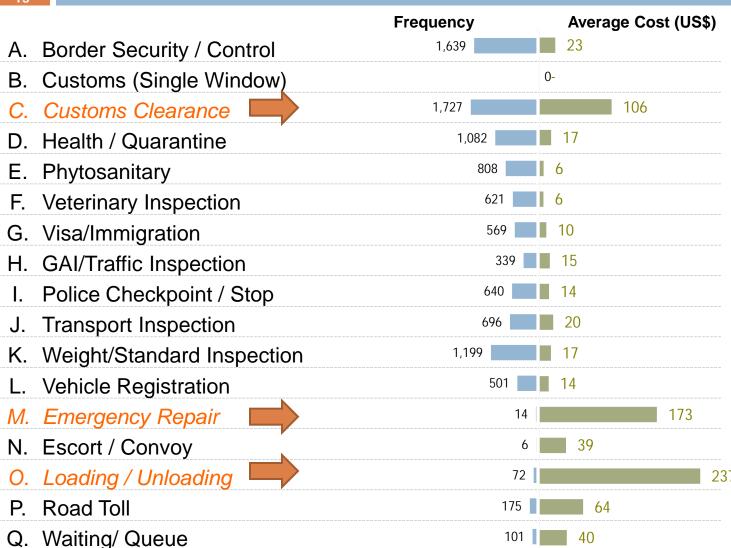


Results Corridor

Cost spent at BCPs, by Activity

Frequency (count) and Average Cost (in US\$) [Road Transport]





In corridor 1, cost of loading/unloading averaged to \$237, due to high cost in Khorgos (PRC).



Results Corridor 2

Cost spent at BCPs, by Activity

Frequency (count) and Average Cost (in US\$) [Road Transport]

14 **Average Cost (US\$)** Frequency A. Border Security / Control B. Customs (Single Window) 84 C. Customs Clearance 602 D. Health / Quarantine 220 11 E. Phytosanitary 138 9 Veterinary Inspection 240 G. Visa/Immigration 164 32 H. GAI/Traffic Inspection Police Checkpoint / Stop Transport Inspection 429 Weight/Standard Inspection 201 Vehicle Registration M. Emergency Repair 2 13 2 4 N. Escort / Convoy O. Loading / Unloading 0-Road Toll 79 342 Q. Waiting/ Queue

Cost of activities along Corridor 2 is relatively on a moderate level except for road toll.



Results Corridor 3

Cost spent at BCPs, by Activity Frequency (count) and Average Cost (in US\$) [Road Transport]

Trequency (count) and Average Cost (iii 05\$) [Noad Transport

Average Cost (US\$) Frequency A. Border Security / Control 0-B. Customs (Single Window) C. Customs Clearance 414 6 D. Health / Quarantine E. Phytosanitary 382 4 Veterinary Inspection 244 G. Visa/Immigration 55 | 13 H. GAI/Traffic Inspection 345 6 Police Checkpoint / Stop Transport Inspection 231 14 K. Weight/Standard Inspection 340 12 L. Vehicle Registration M. Emergency Repair 20 N. Escort / Convoy 18 | 3 O. Loading / Unloading Road Toll 72 170

0-

Q. Waiting/ Queue

In Corridor 3, road toll fees seemed to pose the same problem. This is due to high toll fees in Farap (TKM), Dusti (TAJ) and Sarahs (TKM).



Results Corridor 4

Cost spent at BCPs, by Activity

Frequency (count) and Average Cost (in US\$) [Road Transport]

Frequency **Average Cost (US\$)** 0-A. Border Security / Control 0-B. Customs (Single Window) 359 Customs Clearance 367 13 D. Health / Quarantine 423 5 E. Phytosanitary 176 9 **Veterinary Inspection** 0-G. Visa/Immigration 12 | 3 H. GAI/Traffic Inspection 99 1 20 Police Checkpoint / Stop 6 | 4 Transport Inspection 180 7 K. Weight/Standard Inspection 0-Vehicle Registration 4 40 M. Emergency Repair 0-N. Escort / Convoy 188 41 O. Loading / Unloading Road Toll Q. Waiting/ Queue 0-

Customs
clearance fee is
480
alarmingly high at
an average of
\$480, due to fees
collected in
Zamyn Uud
(MON).



Results Corridor 5

Cost spent at BCPs, by Activity

Frequency (count) and Average Cost (in US\$) [Road Transport]

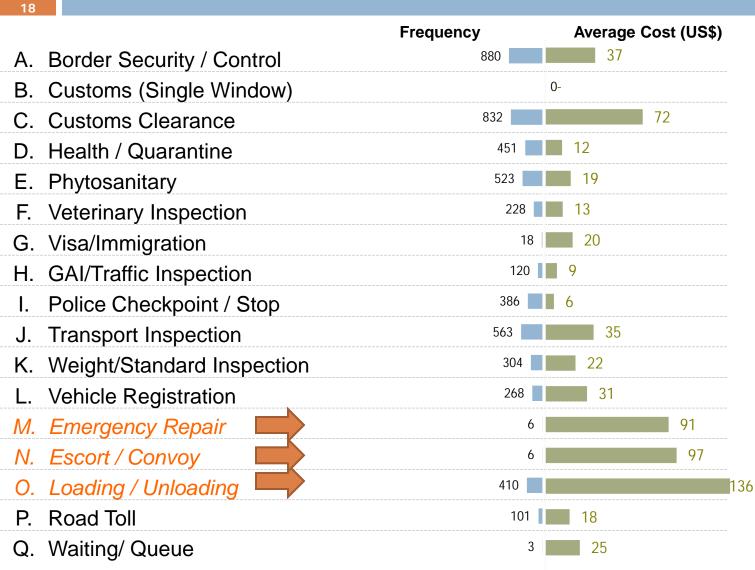
17 Frequency Average Cost (US\$) A. Border Security / Control 0-B. Customs (Single Window) 463 Customs Clearance 268 5 D. Health / Quarantine 311 7 E. Phytosanitary 168 4 Veterinary Inspection 248 15 G. Visa/Immigration H. GAI/Traffic Inspection 12 118 6 Police Checkpoint / Stop **Transport Inspection** 86 10 8 17 K. Weight/Standard Inspection 178 8 L. Vehicle Registration 1 10 M. Emergency Repair 1 8 N. Escort / Convoy 312 O. Loading / Unloading 111 Road Toll 72 | 2 102 5 Q. Waiting/ Queue



Results

Cost spent at BCPs, by Activity

Frequency (count) and Average Cost (in US\$) [Road Transport]





Thank you