

# **Development of Trade Logistics in CAREC**

Harnessing ICT and Single Electronic
Window to Improve Cross Border Trade

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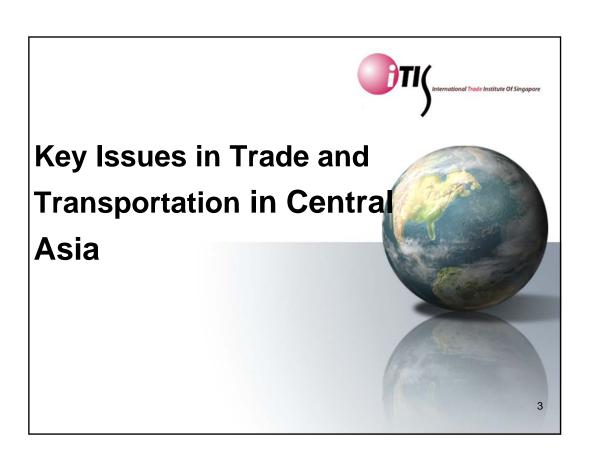
#### Introduction



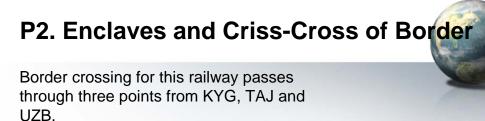


- This presentation is a *summary* of ADB Technical Analysis done from 2005 to 2008.
  - TA6347 REG: Transport Sector Strategy
  - TA6203 REG: Xinjiang (XUAR), PRC
  - TA6058 REG : Mongolia (MON)
  - TA6299 REG : Tajikistan (TAJ)
  - TA6299 REG : Kyrgyzstan (KYG)
- The presentation will focus on the common key issues on transportation/logistics, and the proposed action plans.

At the point of preparing this presentation, Technical Analysis on **Uzbekistan** and **Kazakhstan** are being conducted.



Category	ksues				
Physical Infrastructure	P1. Weak Physical Infrastructure				
	P2. Enclaves and Criss-Cross of Borders				
	P3. Incompatible Railway Gauges				
Institutions / Policies	P4. Cumbersome Border Regulations				
	P5. Border Post Problems				
	P6. Non-Implementation of Agreements				
	P7. Official and Unofficial Facilitation				
Process / Operations	P8. Overcapacity of Service Providers with Outdated Equipment				
	P9. Unorganized and Fragmented Small Enterprises				
	P10. Low Productivity				
	P11. Financial Constraints viz-a-viz High Capital Requirements				
	P12. Shortage of Professionals and Know-How				
	P13. Lack of ICT Applications				
	P13. Lack of ICT Applications P14. Lack of Regulations on Freight Forwarding and Insurance Liabilities				



UZBEKISTAN KYI

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# P4. Cumbersome Border Regulations



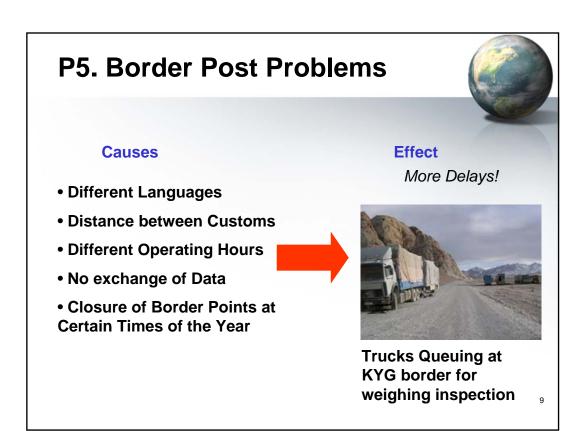
- 1. MON: Meat exports are not allowed via train to Xingang in PRC, due to PRC's inspection standards.
- 2. XUAR: Customs documents are very different from KAZ standards and frequently cause unnecessary delays.
- 3. TAJ: Needs to cross Uzbekistan to reach export markets but TAJ drivers frequently encounter full cargo inspection.
- 4. KYG: Chinese trucks can travel to Bishkek and Osh, but KYG trucks can only go till Topo (104 km from Torugart) and Symkana (5km from Ishkertam).

#### **Internal Customs Documentation Example: Internal Customs Issues (KAZ, TAJ)** AFG Nature of Export Procedures (2006) TAJ UZB KYR KAZ Documents preparation Inland transportation and handling Customs clearance and technical control Ports and terminal handling Totals: Nature of Import Procedures (2006) Documents preparation Customs clearance and technical control Ports and terminal handling Inland transportation and handling Totals:

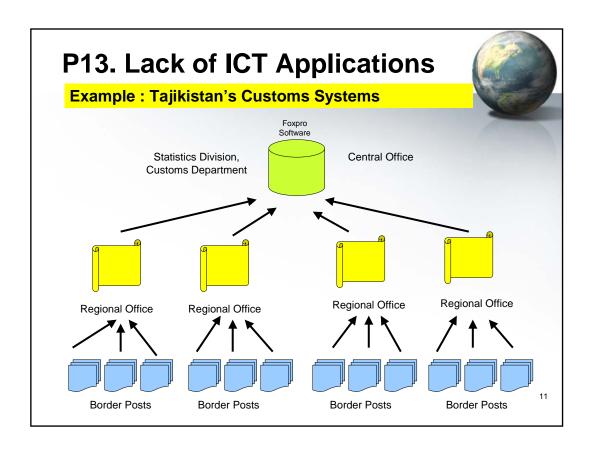
Source : World Bank, 2006

It takes many days to export a TEU from Tajikistan or Kazakhstan!





Cost to Export/Import a TEU						
us\$					The second	
Nature of Export Procedures (2006)	TAJ	AFG	UZB	KYR	KAZ	
Documents preparation	1,500	450	120	10	200	
Inland transportation and handling	2,000	1,500	1,700	1,280	2,000	
Customs clearance and technical control	700	450	530	10	200	
Ports and terminal handling	100	100	200	120	380	
Totals:	4,300	2,500	2,550	1,420	2,780	
Nature of Import Procedures (2006)						
Documents preparation	1,000	250	120	10	100	
Customs clearance and technical control	700	150	150	10	200	
Ports and terminal handling	100	200	200	120	380	
Inland transportation and handling	1,750	1,500	3,500	1,550	2,200	
Totals:	3,550	2,100	3,970	1,690	2,880	



### P13. Lack of ICT Applications



**Problems with Tajikistan's Centralized Customs Systems** 

- 1. Data transmitted through phone lines, radio modems and diskettes.
- 2. Customs officers who need to monitor, analyze or compile data needs to visit the Regional Offices for sighting of physical documents and verify the data with the Central Office.
- 3. Most computers in customs offices are old and outdated.
- 4. Inconsistent data elements when filling forms cause rejections at border posts, aggravating delays.
- 5. Customs systems not linked to private sector (e.g. customs brokers), who uses Russian software.

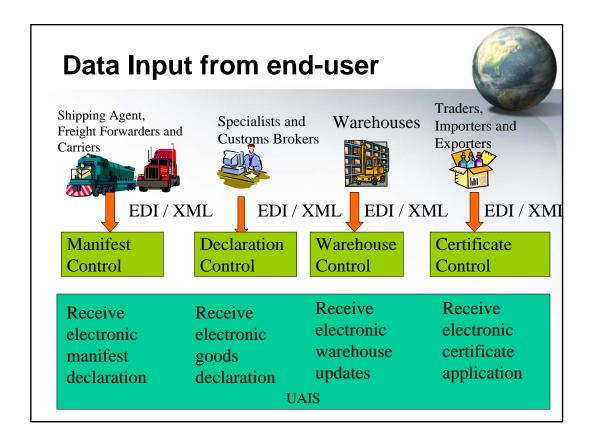


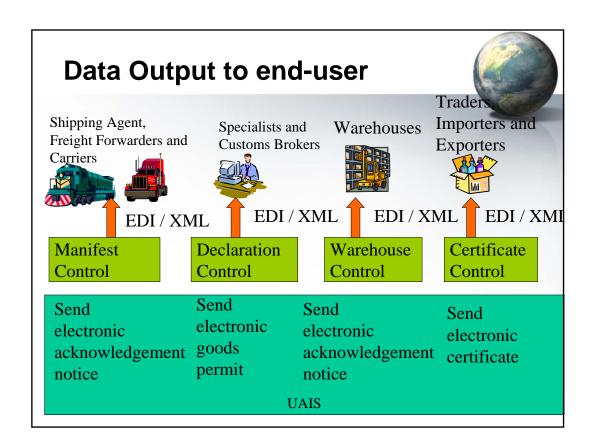
#### **Purpose of UAIS**

- The main goal of the UAIS is to create a system that acts as a Single Electronic Window to all of Customs data and information.
- The objectives of UAIS are:
  - Automating of the Customs processes;
  - Increase the efficiency through transparency and up-to-date reporting;
  - Effective Customs control through risk management, profiling, and data mining;
  - Connect all stakeholders to just one system.
- Stakeholders of the UAIS are:
  - Trade and logistic community;
  - Customs Department personnel;
  - Other ministries and agencies in Tajikistan;
  - Foreign governments and organizations;

#### Trade and Logistics Community

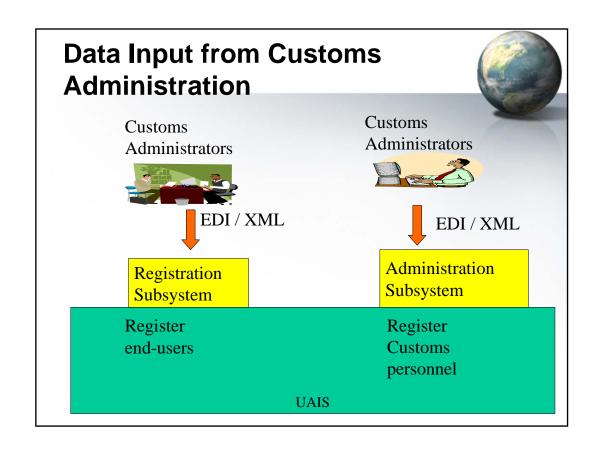
- For the UAIS to be successful, it has to be accepted and used by the trade and logistic community of Tajikistan.
- The community consist of 4 groups of end-users:
  - 1. Shipping agents, freight forwarders, and carriers;
  - 2. Customs brokers and Customs specialists;
  - 3. Licensed warehouses;
  - 4. Traders, importers, and exporters.

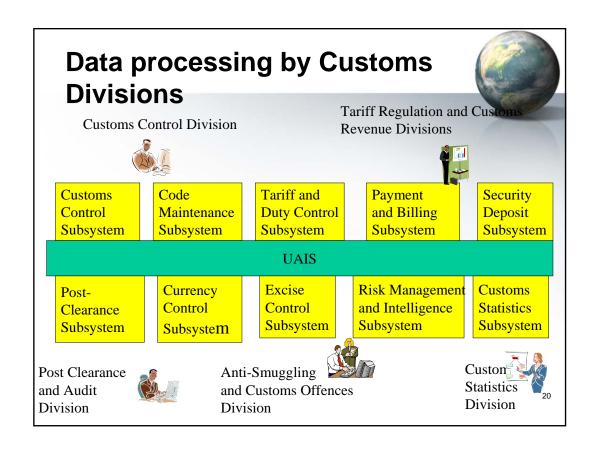




#### **Customs Department**

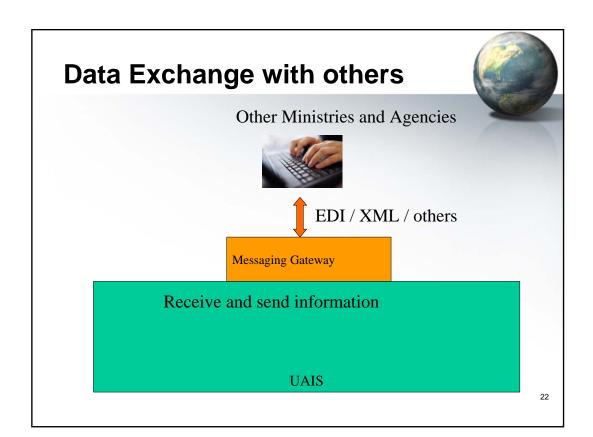
- vill be using
- The Customs Department personnel will be using the UAIS as well.
- The Customs personnel consist of 2 groups of end-users of the UAIS:
  - 1. Customs administrators who input data into the system;
  - 2. Existing or new Customs Divisions who process data and output from the system.





#### **Other Ministries and Agencies**

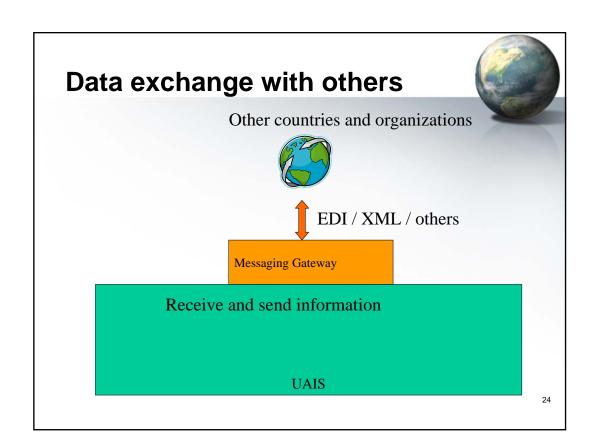
- The UAIS will need to interact with other ministries and agencies in order to exchange vital information.
- Information is exchanged using standard protocol such as FTP, HTTPS, SMTP etc.
- Information is exchanged using pre-defined file format between the two parties. For example XML, EDI, flat file etc.

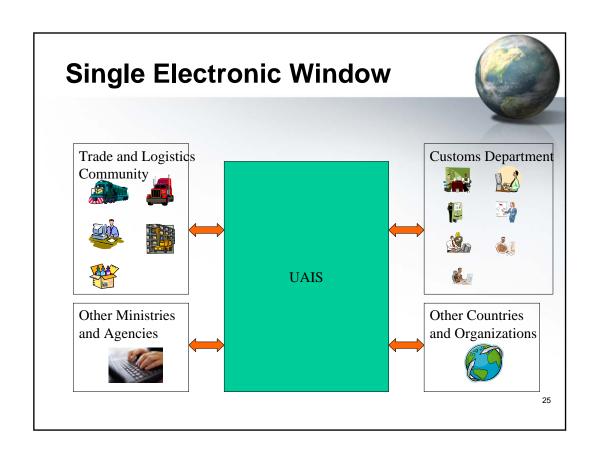


#### **Other Countries**

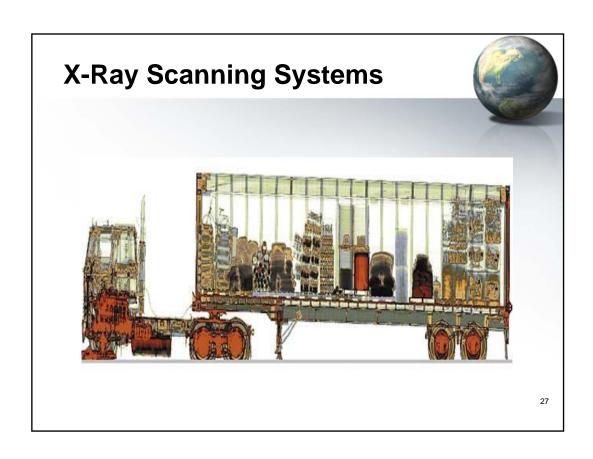


- The UAIS will also need to interact with other governments and organizations in order to exchange vital information.
- The Messaging Gateway is again use for information exchange.

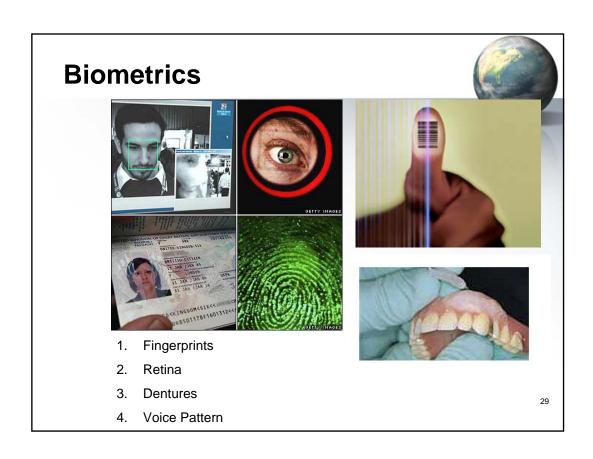














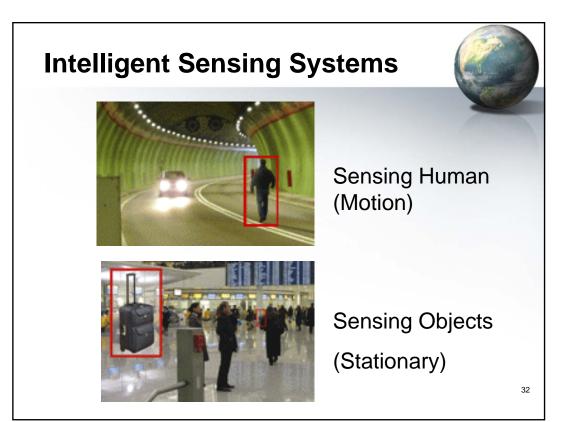
## Portable Equipment

Products with high risk can be classified as

- corrosive
- acidic
- radioactive
- toxic
- explosive

Standard equipment for lab test or detection of high risk products, or presence of contamination.





#### **Summary**



- Contemporary ICT solutions provide many possibilities to streamline workflow and increase productivity.
- Analysis shows common issues in physical infrastructure, institutional polices and operational capabilities causing cross border trade friction and inefficiency.
- There is no magic pill. An integrated solution is needed for an overall improvement.

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### Will We see a New, Modern and Successful Silk Road?



"Regional Cooperation is not an option but a necessity for Central Asia."

Mr. Tadao Chino, former ADB President