

CENTRAL ASIA REGIONAL TRADE

Preliminary findings and issues for discussion

Content

- Introduction to trade diagnostics
- Trade competitiveness of Central Asia
- Focus on emerging markets in broader region
- Dynamism of intra-regional trade
- Lessons from other regions
- Trade policy and integration environment in Central Asia

INTRODUCTION TO TRADE DIAGNOSTICS

Trade diagnostics

- Analyzing trade performance (***Trade Outcomes Analysis***) along multiple dimensions of competitiveness:
 - **Levels, growth and market share**;
 - **Orientation and diversification**; and
 - **Quality and sophistication**
- Emphasis given to trade within CA and with emerging markets in broader region (China, Russia, Turkey, etc.)
- Comparing performance to a set of peer countries:
 - other Central Asia countries; and
 - countries that are strongly dependent on natural resources exports, including a mix of income levels: Chile; Bolivia; Laos.

Trade diagnostics (cont'd)






- The primary data source for the analysis is COMTRADE;
- Data is generally analyzed over the period 2000-2011;
- Depending on the analysis, 2, 4, or 6-digit level of aggregation used; mostly HS classification;
- Covers overall exports as well as exports **excluding oil, gas, minerals and precious metals**;

- Trade data for Central Asia countries is challenging:
 - not all countries report to COMTRADE;
 - major differences in self-reported and mirror statistics.

TRADE COMPETITIVENESS OF CENTRAL ASIA

Exports have increased

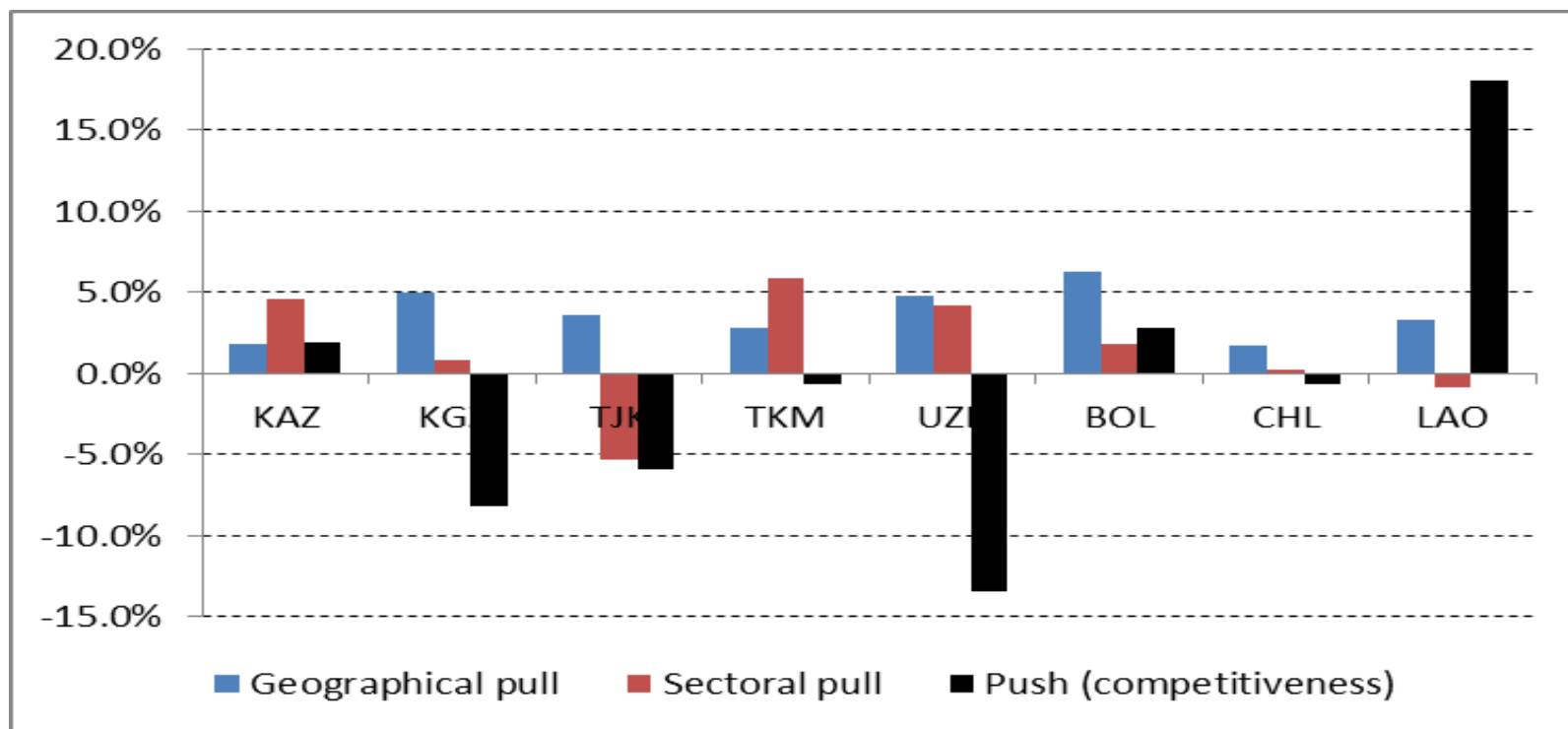
Exports	KAZ	KGZ	TJK	TKM	UZB
per capita	6,000	600	150	4,277	500
growth rate	23%	20%	1%	20%	18%
% of GDP	50%	57%	15%	78%	31%

Trade	KAZ	KGZ	TJK	TKM	UZB
% of GDP	77%	143%	73%	123%	59%
Trend					

- Exports have boomed in the region (and most countries in it) over the decade
- But still huge differences in level and growth of exports across the region

But, competitiveness remains poor

- Shift-share decomposition –
- All countries are benefiting from positive pull contribution
- No country (except Kazakhstan) benefited from positive “push” contribution



Export boom driven by commodities

Growth rates of exports

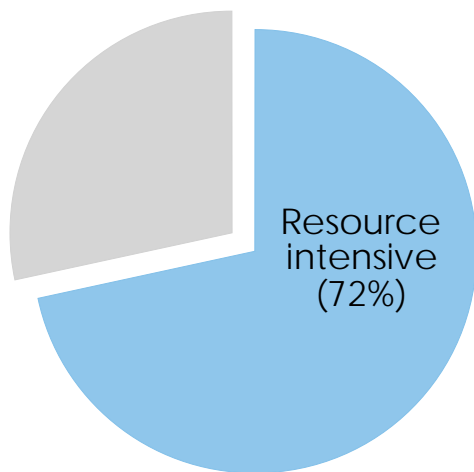
<u>Country</u>	<u>Oil and gas</u>	<u>Other minerals</u>	<u>Metals</u>	<u>Rest</u>
KAZ	29.4	31.5	15.9	17.3
KGZ	8.2	17.3	14.0	11.1
TJK	38.4	52.1	11.3	7.2
TKM	14.1	-9.5	-11.6	10.0
UZB	19.3	9.5	13.0	10.8
BOL	31.7	25.3	14.3	7.7
CHL	3.7	20.1	19.3	10.7
LAO	72.3	56.1	89.9	11.7

Notes: (1) 10 year CAGR, from 2000-2001 average to 2010-2011 average

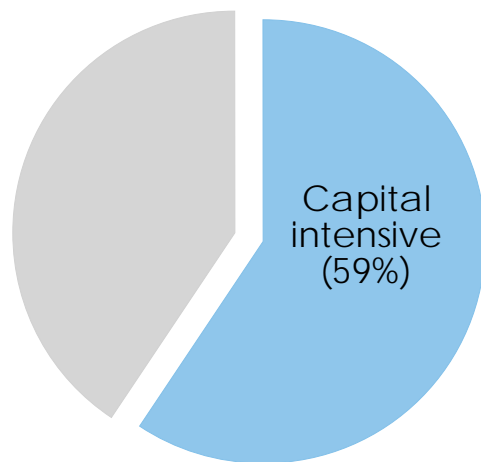
In line with global experience

- Regions integrate into the World with products requiring endowments they have
- Export products, by factor intensity

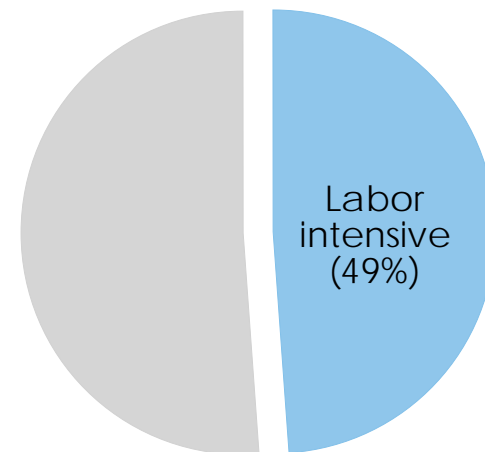
Eurasia
2010-11



EU12
2000-01



East Asia
1990-91



Small exports beyond commodities

Kazakhstan – all exports

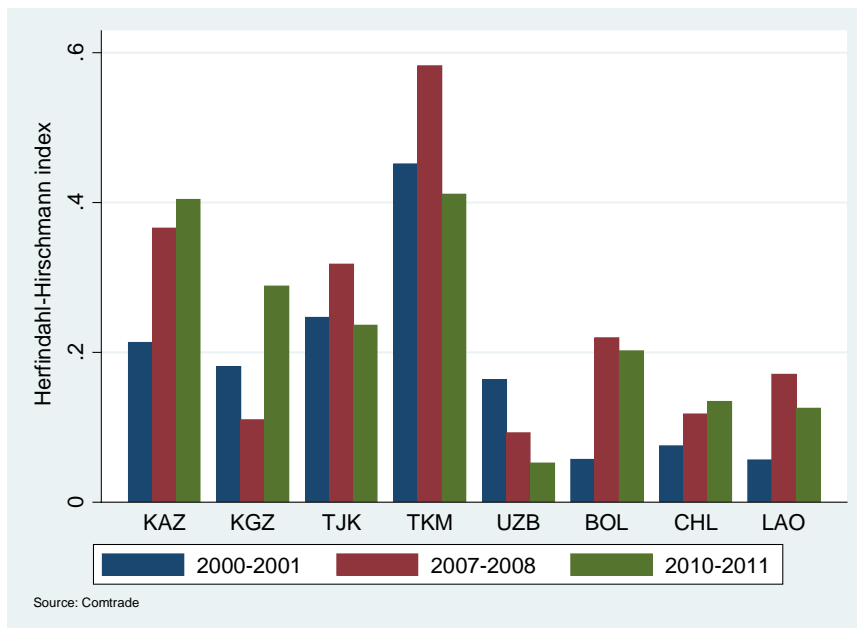
Rank 2010-2011	HS6 description	HS6 code	Value	Share	Rank 2000-2001	Rank 2007-2008
1	270900	Petroleum oils and oils obtained from bituminous minerals, crude.	45,800,000	63.2	1	1
2	740311	Refined copper :-- Cathodes and sections of cathodes	2,349,290	3.2	2	2
3	284410	Natural uranium and its compounds; alloys, dispersions, ceramic products and mixtures	2,106,108	2.9		6
4	271000	Petroleum oils and oils obtained from bituminous minerals, other than crude	2,094,235	2.9	9	3
5	720241	Ferro-chromium :-- Containing by weight more than 4 % of carbon	1,960,164	2.7	4	4
6	271121	In gaseous state :-- Natural gas	1,500,406	2.1	20	7
7	260112	Iron ores and concentrates, other than roasted iron pyrites :-- Agglomerated	1,121,976	1.5	22	8
8	270119	Coal, whether or not pulverised, but not agglomerated :-- Other coal	928,667	1.3	5	14
9	260111	Iron ores and concentrates, other than roasted iron pyrites :-- Non-agglomerated	845,094	1.2	39	20
10	100190	Wheat and meslin: Seed, White, Other	735,260	1.0	3	5
Total				82.0		

Kyrgyz Republic – all exports

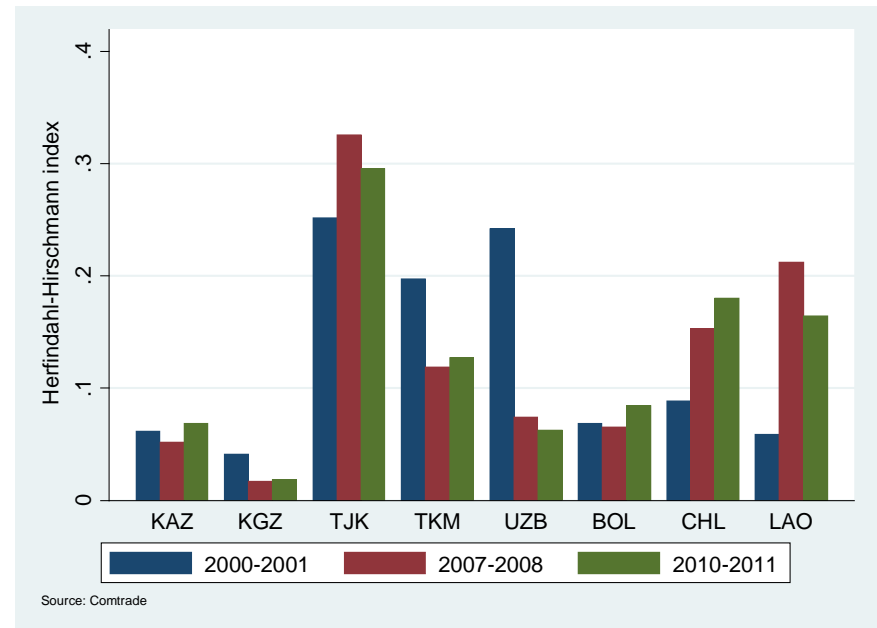
Rank 2010-2011	HS6 description	HS6 code	Value	Share	Rank 2000-2001	Rank 2007-2008
1	710812	Gold, Non-monetary :-- Other unwrought forms	836,879	53.1	1	1
2	271000	Petroleum oils and oils obtained from bituminous minerals, other than crude	83,657	5.3	11	2
3	271600	Electrical energy. (optional heading)	64,391	4.1	2	5
4	71333	Beans :-- Kidney beans, including white pea beans	43,414	2.8	16	7
5	520100	Cotton, not carded or combed.	29,380	1.9	4	6
6	620640	Women's or Girls' Blouses, Shirts, Of man-made fibres	24,241	1.5	1158	8
7	853922	Other filament lamps, excluding ultra-violet or infra-red lamps :-- Other, of a power not exce	17,079	1.1	7	9
8	240110	Tobacco, not stemmed/stripped	17,066	1.1	3	11
9	620443	Dresses :-- Of synthetic fibres	16,562	1.1		20
10	620463	Trousers, bib and brace overalls, breeches and shorts :-- Of synthetic fibres	15,662	1.0	1095	16
Total				72.9		

Growing concentration in products ...

All exports - products

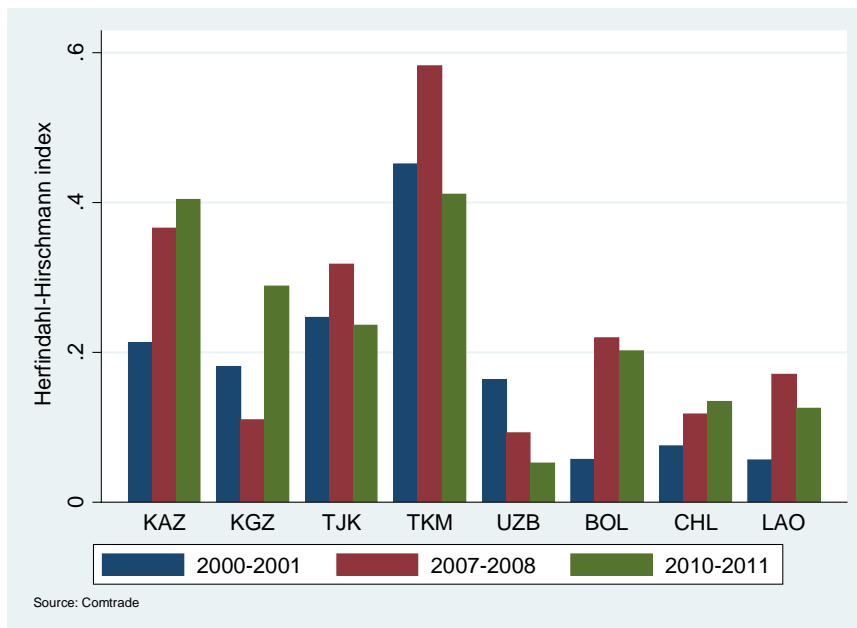


Non-mineral exp. - products

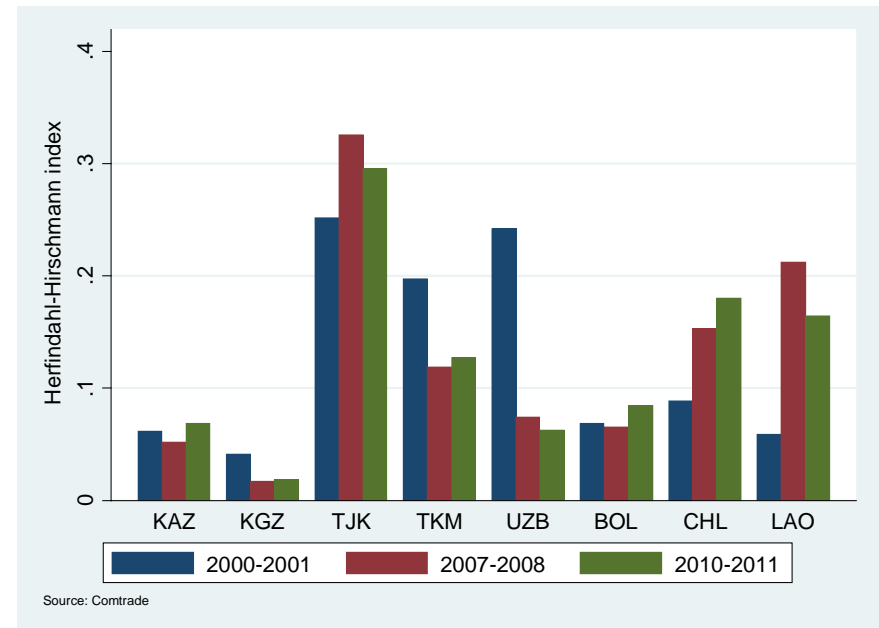


... and in markets

All exports - markets



Non-mineral exp. - markets

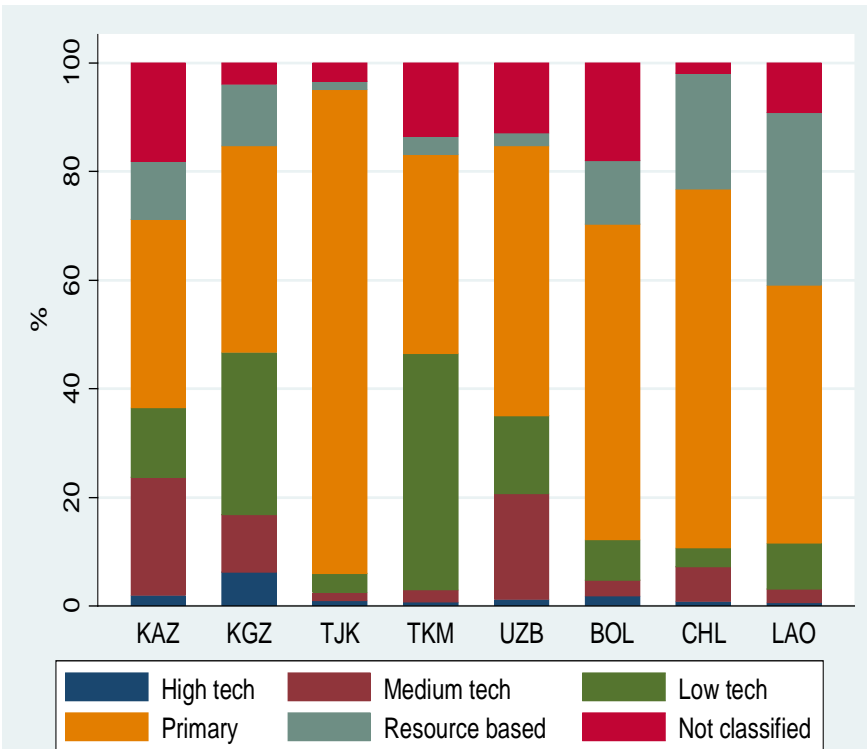


No dynamism in products and markets

	KAZ	KGZ	TJK	TKM	UZB
Number of products					
2000-01	517	179	111	110	370
2010-11	506	297	158	130	478
Number of markets					
2000-01	73	39	46	50	59
2010-11	79	48	45	55	65

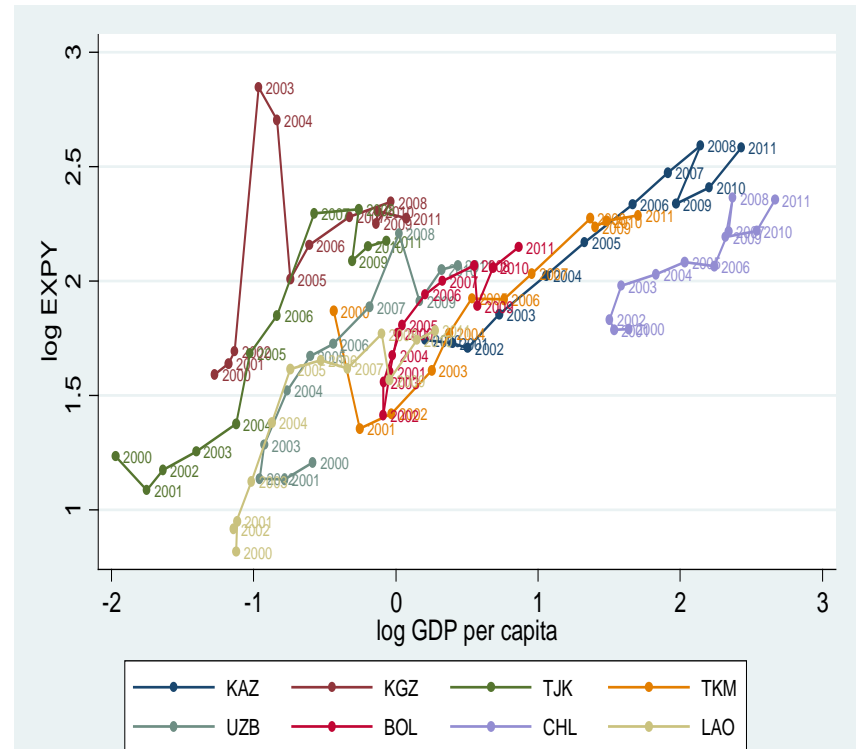
Commodities exported, manufactures imported

Lall technology classification – non-mineral exports



Source: Comtrade

Export sophistication – all exports

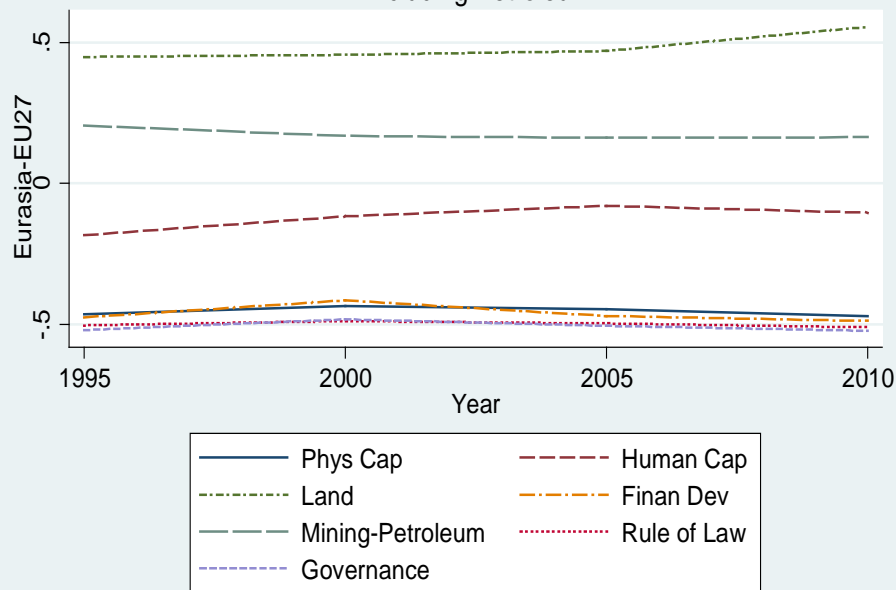


Source: Comtrade

Reflecting CA endowments

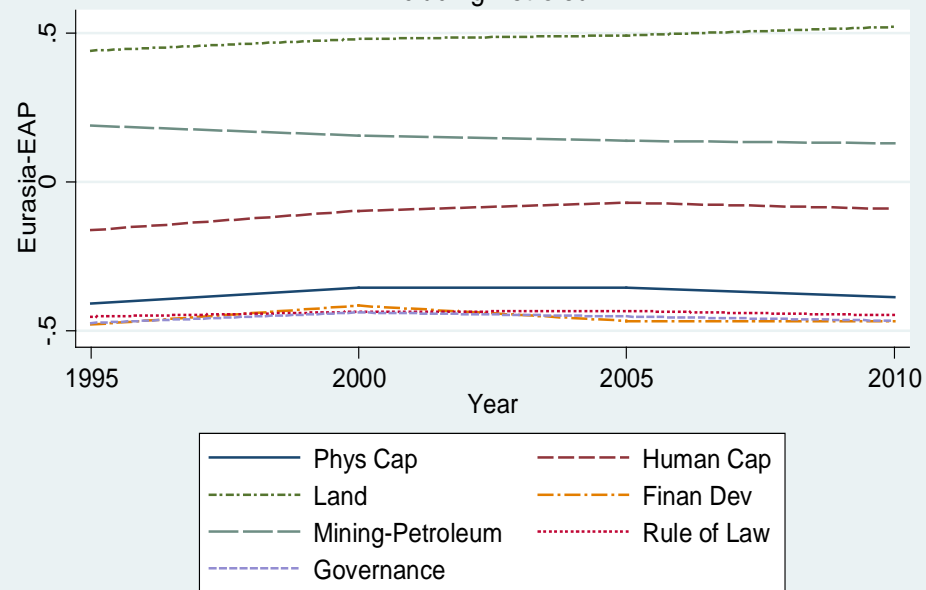
- “Surplus” in land and resources;
- “Deficit” in physical and institutional capital

Difference in Endowment Index Between Eurasia and EU27:
Excluding Petroleum



Difference between Eurasia export-based index and EU27 import-based index

Difference in Endowment Index Between Eurasia and EAP:
Excluding Petroleum

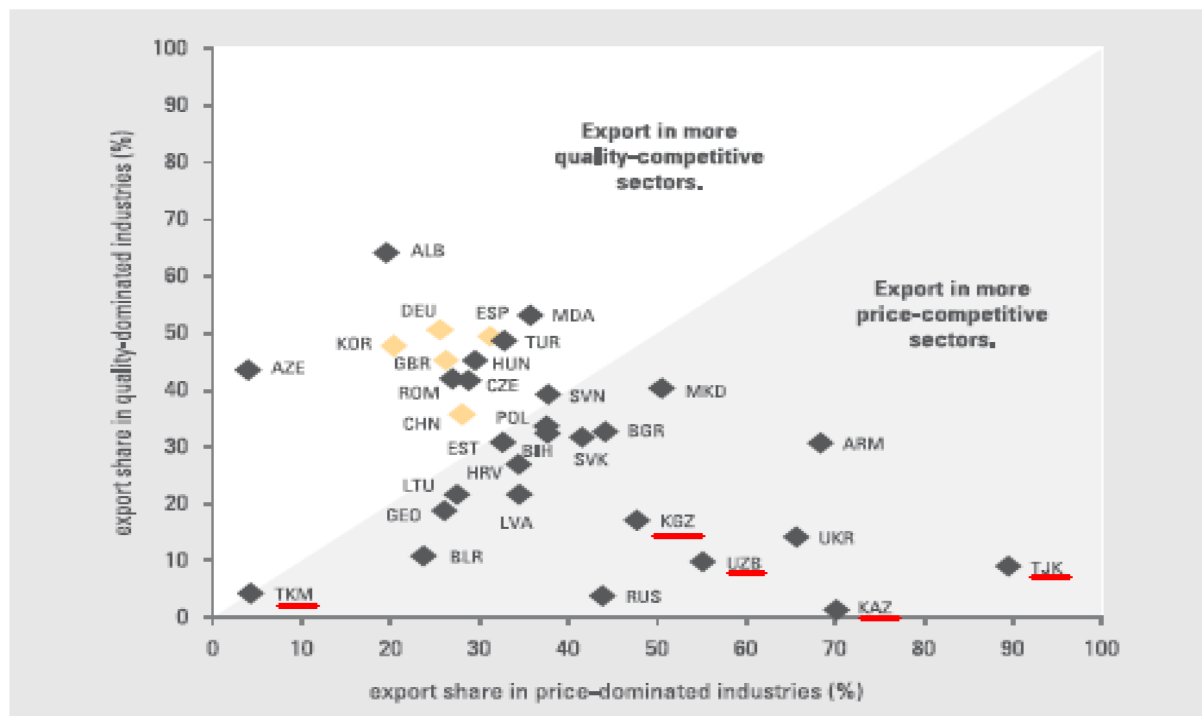


Difference between Eurasia export-based index and EAP import-based index

With CA competing in prices not quality

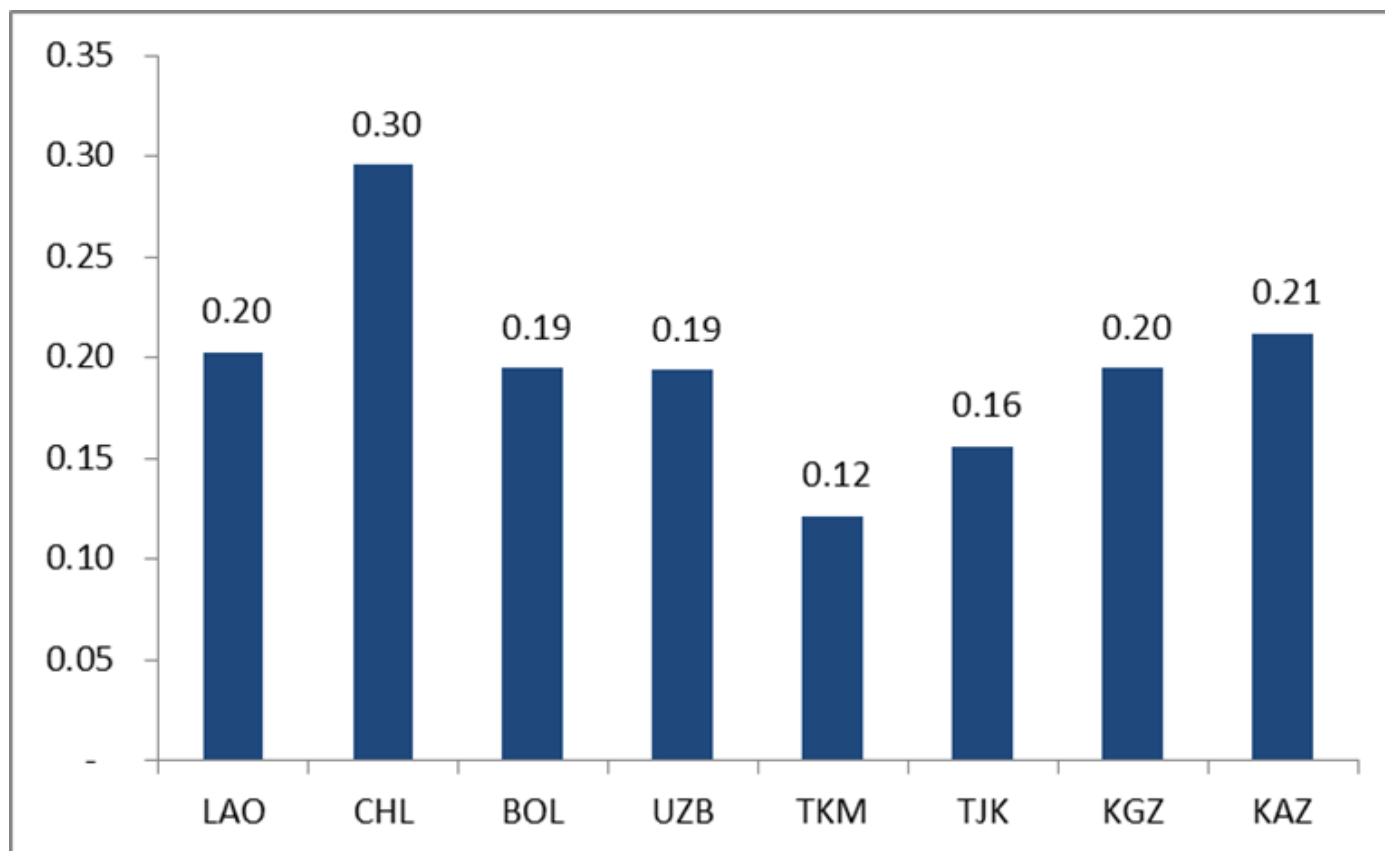
- Exports appear to be competing on price rather than quality

Export Shares of Eastern European and Central Asian Countries in Industries That Compete on Quality and on Price, 2006



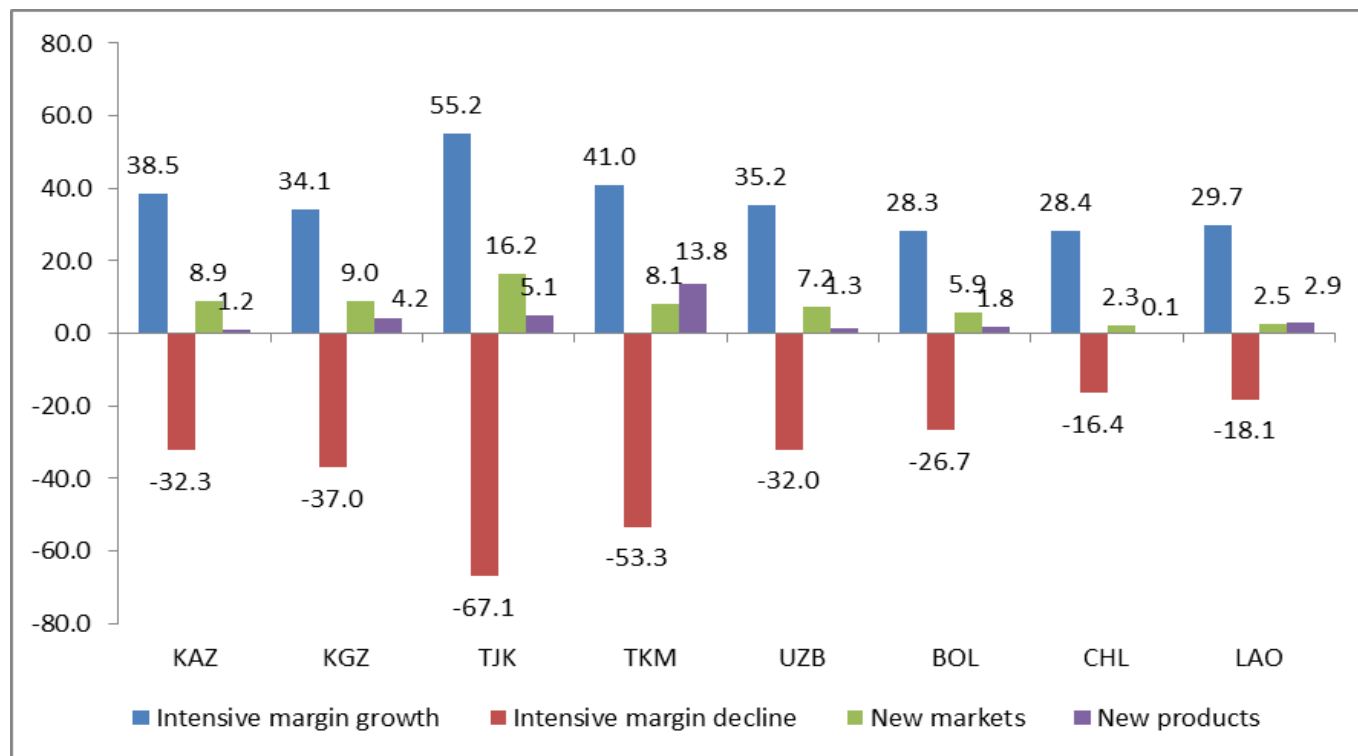
Resulting in low survival of exports

- 2-year survival rates of exports



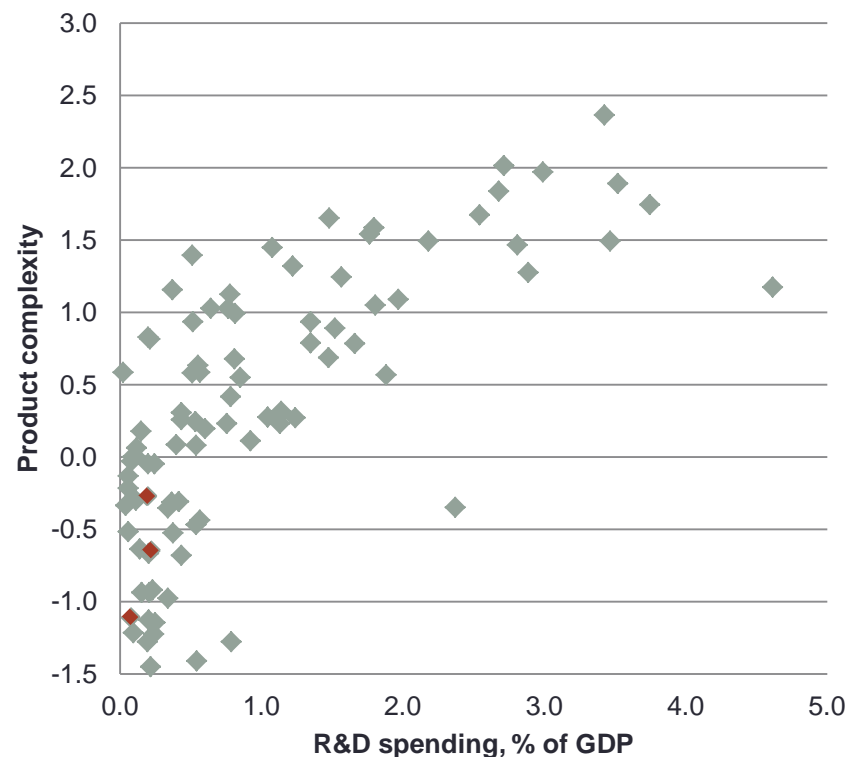
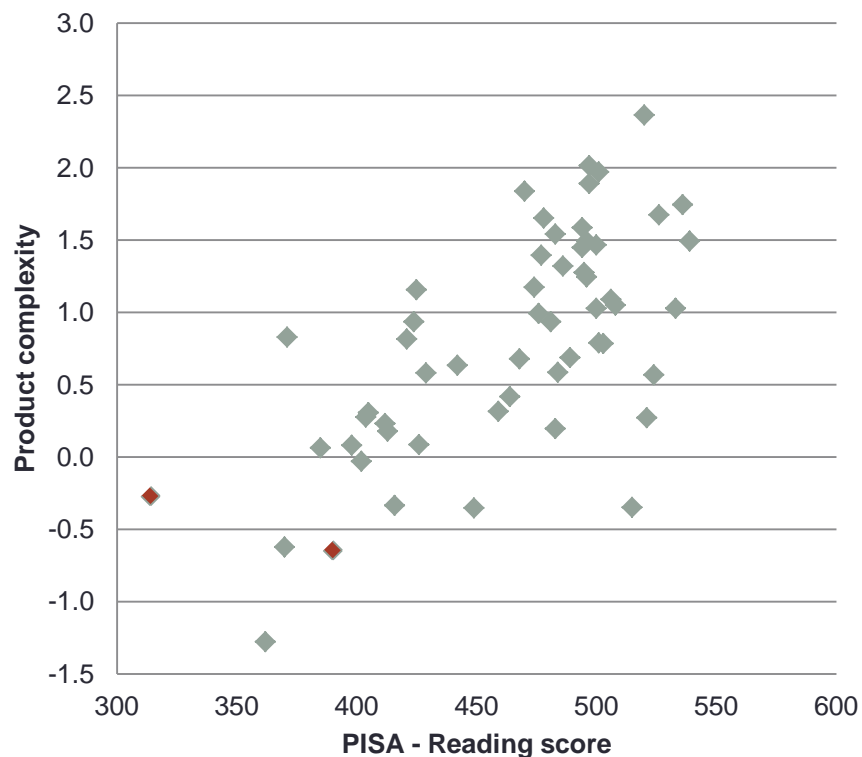
Summary

- Exports growth decomposition, (2000-2011), non-minerals



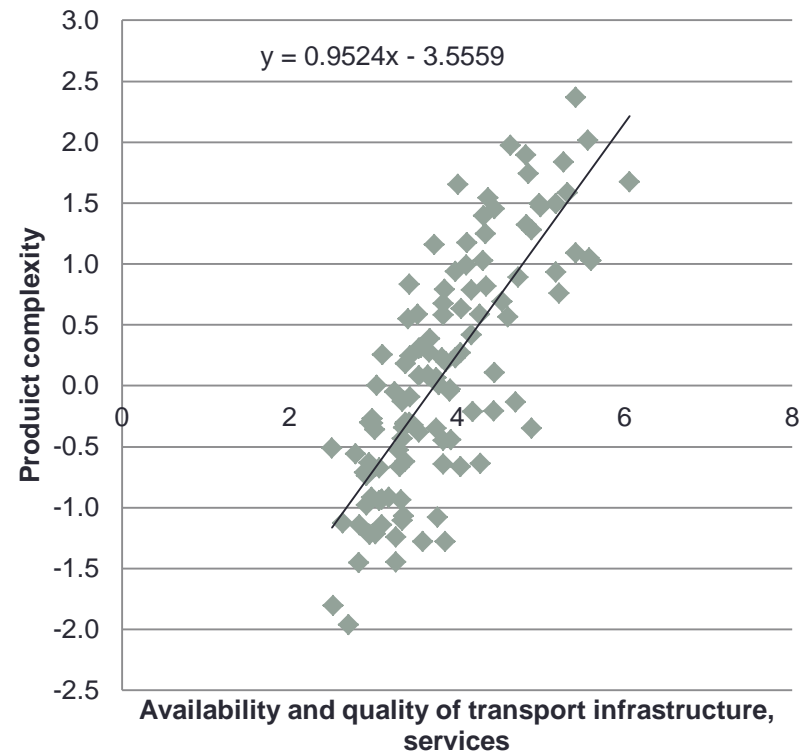
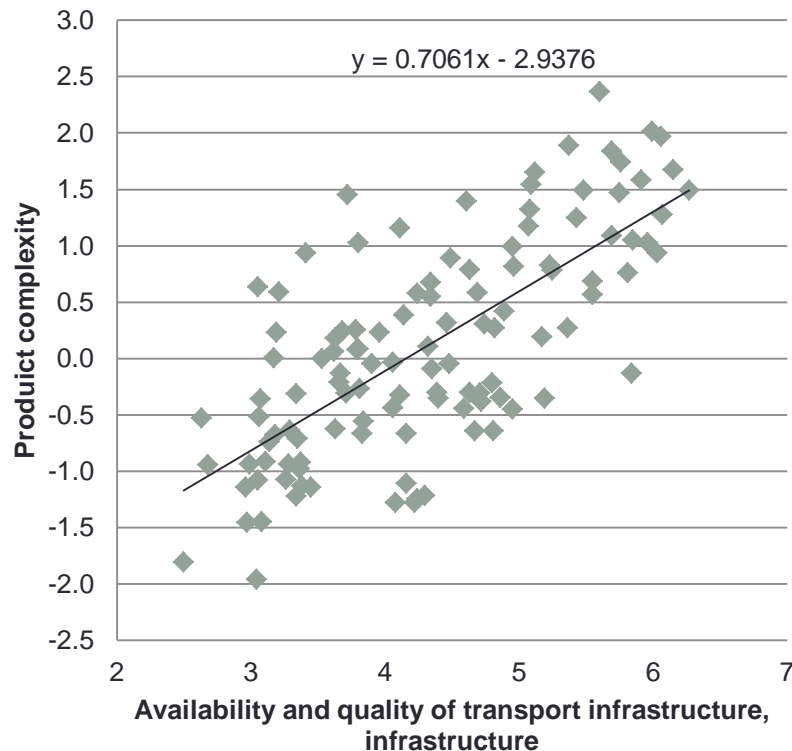
Summary

Diversifying endowments could lead to greater product and market diversification



Summary

Diversifying endowments could lead to greater product and market diversification



FOCUS ON EMERGING MARKETS IN BROADER REGION

Central Asia trade with Russia, China, Turkey, India,
Pakistan and Afghanistan

Trade with emerging markets

- China, Russia and Turkey are emerging as important trading partners of the region
- Unexploited opportunities in trade with India and Pakistan
- Once again, very differing patterns:
 - Kazakhstan and Uzbekistan have expanded trade significantly with a few of the partners
 - Kyrgyz to a much lesser extent
 - Tajikistan and Turkmenistan have only been able to improve export to one destination (Turkey and China, respectively)
- In general, trade sophistication is at or below the average export sophistication of the countries

Trade diagnostics - CA

- Trade complementarity indices with emerging markets

- All exports

	AFG	CHN	IND	PAK	RUS	TUR
KAZ	5.8	25.1	37.8	19.4	4.9	21.3
KGZ	8.5	10.1	20.3	16.5	14.7	17.6
TJK	4.0	7.8	6.3	8.8	6.8	9.1
TKM	29.6	8.9	8.6	27.8	4.1	16.9
UZB	18.2	12.9	12.9	27.5	16.0	24.7

- Non-minerals

	AFG	CHN	IND	PAK	RUS	TUR
KAZ	5.4	13.5	13.4	12.9	8.5	17.8
KGZ	7.9	15.6	16.3	20.3	24.0	21.3
TJK	2.1	5.5	5.2	8.8	6.0	8.2
TKM	0.6	5.0	4.5	8.3	6.3	8.9
UZB	1.9	13.9	10.5	16.2	16.3	18.6

Some promising developments

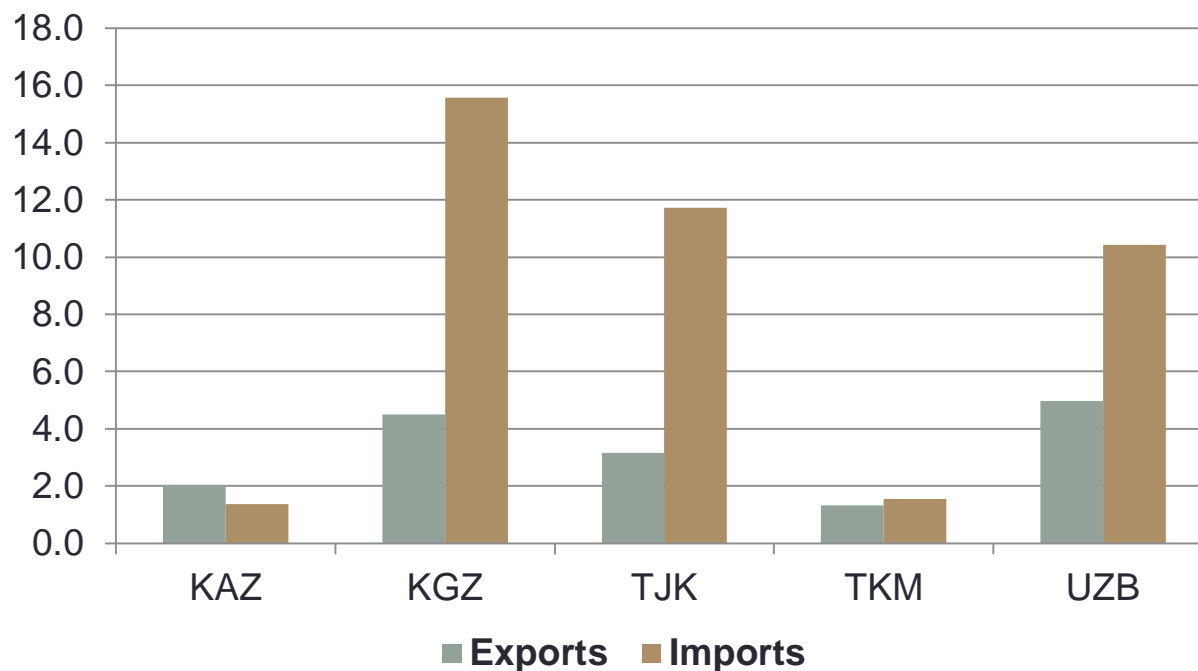
- Some improvements:
 - Movement up the value-added in some countries (Uzbek exports of copper wire to Turkey, machinery exports of Turkmenistan, some non-traditional exports from Tajikistan, Kyrgyz textiles to Russia, Kazak machinery moving parts to Turkey)
- Stronger survival rates:
 - 2-year survival rates above 30% for Russia, China and Turkey
 - Though much smaller for South Asia
- Potential close linkages in value-chains
 - Uzbekistan, Turkmenistan, Kyrgyz Republic and Tajikistan in cotton-textiles-apparel value chain with Russia, China and Turkey
 - Kazakhstan in the grains and oilseeds value chain with Russia and Afghanistan.

DYNAMISM OF INTRA- REGIONAL TRADE

Trade within Central Asia region

Intra-regional trade is very low

- Again, reflecting their endowments
- Exports and imports to CA, as % of total exports and imports



And grew slower than overall trade

- Growth rate of exports and imports

	KAZ	KGZ	TJK	TKM	UZB
Total exports	25%	20%	1%	20%	16%
Exports to CA	22%	5%	2%	11%	9%
Total imports	19%	25%	14%	17%	16%
Imports from CA	16%	13%	8%	40%	18%

Sophistication is somewhat better

- Sophistication of exports to regional partners:
 - is well ahead of overall average EXPY for Kyrgyz Republic, Tajikistan and Turkmenistan
 - is similar to the average EXPY for Kazakhstan
- Over the last decade:
 - Sophistications has increased for all countries
 - Some reversal of sophistication of Kyrgyz exports to CA in recent years and of Uzbek exports to Kazakhstan and Turkmenistan

Complementarity is low

- Trade complementarity indices within Central Asia

- All exports

	KAZ	KGZ	TJK	TKM	UZB
KAZ		11.1	8.9	3.4	13.3
KGZ	12.7		15.9	10.5	13.6
TJK	7.1	6.0		4.8	7.3
TKM	9.1	27.8	14.6		10.1
UZB	13.4	28.7	19.8	8.1	

- Non-minerals

	KAZ	KGZ	TJK	TKM	UZB
KAZ		11.3	14.1	7.4	16.0
KGZ	18.8		20.0	16.6	16.8
TJK	5.3	4.7		4.4	5.6
TKM	5.2	5.9	8.4		5.3
UZB	11.7	15.1	10.1	8.5	

Survival rates are higher, but vary

- 2-year survival rates

	KAZ	KGZ	TJK	TKM	UZB
Highest	KGZ – 44%	KAZ – 44%	UZB – 32%	UZB – 33%	KAZ – 35%
Lowest	TKM – 23%	TKM – 11%	TKM – 17%	KGZ – 11%	KGZ – 24%

No strong evidence of value-chains

- Meat industry:
 - Regional value-chains may be developing involving Kazakhstan, the Kyrgyz Republic
 - This relationship was largely absent in 2005
- Grains and seeds:
 - Kazakhstan is an exporter rather than part of a value-chain;
 - Limited interaction between Uzbekistan and Kazakhstan.
- Cotton-garments-textiles:
 - A value-chain could be forming involving Uzbekistan, Tajikistan and the Kyrgyz Republic
 - Turkmenistan is more closely integrated with countries outside of the region

LESSONS FROM OTHER REGIONS

ASEAN and SAFTA

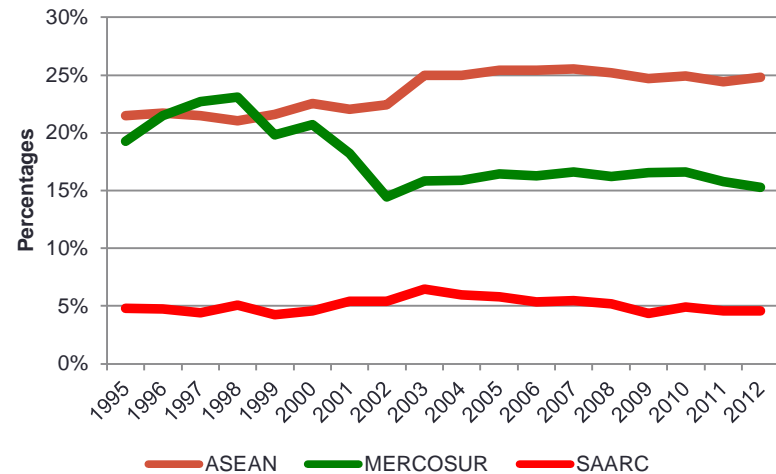
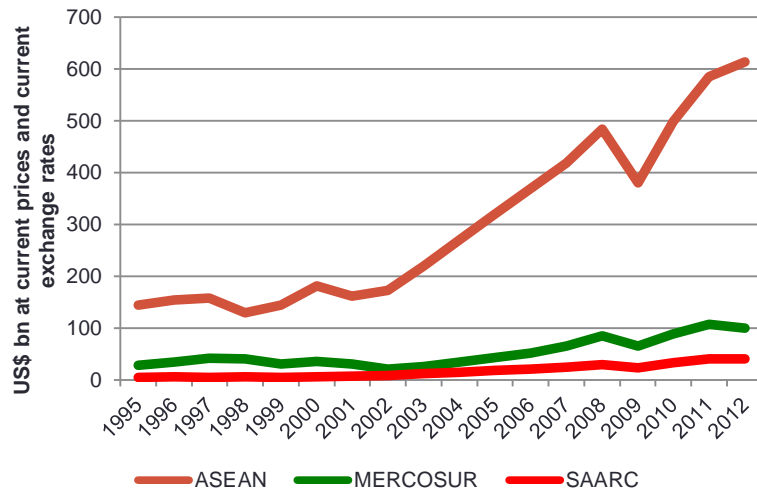
ASEAN

- Basic information

- Established 1967 by five countries (five have joined since)
- 1992 AFTA
- Schedule of preferential tariff reductions
- Gradual phasing out of “sensitive” and “exclusion” lists
- 2008 ATIGA consolidated all existing ASEAN commitments related to trade in goods into one framework, covering tariff liberalization, elimination of non-tariff barriers, rules of origin, trade facilitation, customs procedures, standards and SPS measures.
- By 2015, AFTA shall be replaced by the ASEAN Economic Community, encompassing a single market and production base.

ASEAN

- Trade levels significantly higher compared to other similar initiatives



ASEAN

- **Complementarity of goods traded**
 - TCI for intra-regional trade of ASEAN members was: Indonesia (48); Cambodia (13); Myanmar (30); Malaysia (63); Philippines (60); Singapore (63); Vietnam (39).
 - China worked as an engine for ASEAN regional integration despite not being part of ASEAN - its growing demand for energy, raw materials and manufactured items has supported specialization in ASEAN members.
- **Unique political structure**
 - “ASEAN way” - caution, pragmatism, consensus-based decision-making and noninterference in others’ internal affairs
- **Extent of tariff reductions**
 - Comprehensive coverage (90% of goods)
 - Limited exemptions (1.6% of all tariff lines)

ASEAN

- Non-tariff measures
 - AFTA has been effective at eliminating NTMs as the agreement. General features of NTM abolition:
 - (1) Verification of information on NTMs;
 - (2) Prioritization of products/NTMs;
 - (3) Developing specific work programs; and
 - (4) Obtaining a mandate from ASEAN Economic Ministers to implement the work program.
- Trade facilitation
 - 2008 Asean TF Work Program including a Single Window
- Stimulate regional FDI
- Foster the creation of regional value chains

SAFTA

- Basic information
 - Established 2004 by seven countries (one joined since)
 - Schedule of tariff reductions
- Lower complementarity
 - the TCI for intra-regional trade of ASEAN members was: Bhutan (34); India (56); Sri Lanka (23); Maldives (42); Nepal (31); Pakistan (32)
- Political structure challenging
 - Frequent trade disruptions for political reasons
- Proliferation of PTAs
 - This may have undermined the performance of SAFTA

SAFTA

- Extent of tariff reductions
 - Limited, each country maintains a sensitive list with limited progress in their eliminations
- Non-tariff measures
 - While the agreement does have provisions to deal with paratariffs and NTMs, there is no explicit commitment required of countries
- Trade remedy measures
 - Easy access to trade remedy measures proves a problem to SAFTA as it effectively nullifies the tariff concessions reached under the agreement.
- Trade facilitation
 - Not adequately represented in SAFTA (only through bilateral agreements)

TRADE POLICY AND INTEGRATION ENVIRONMENT

Preliminary findings of stocktaking exercise

Tariffs are not excessive,

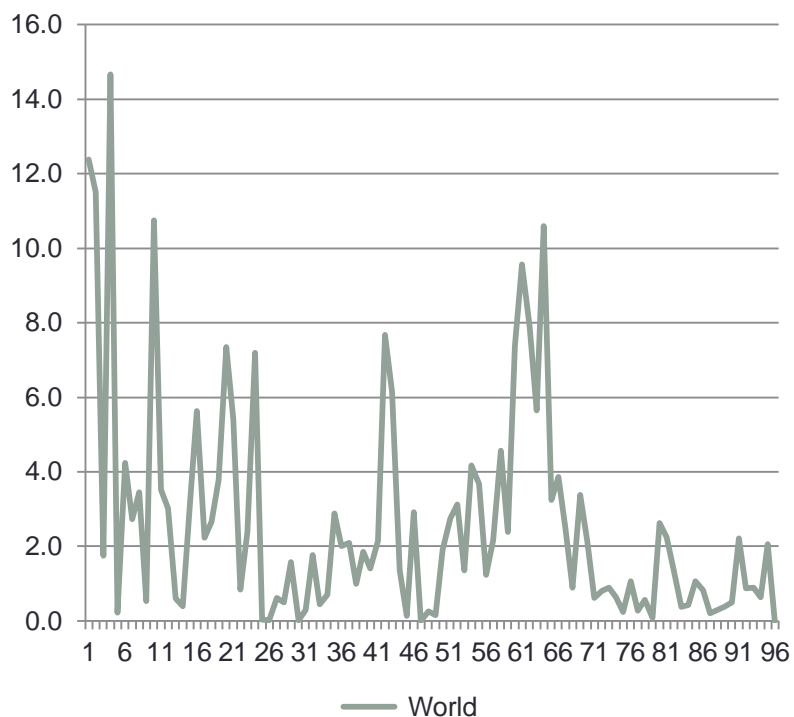
Simple average	LMIE	EU-27	KAZ	KGZ	TJK	UZB
Raw Materials	6.2	0.8	5.7	3.2	2.9	10.6
Intermediate goods	4.0	0.7	6.7	2.3	4.0	9.1
Consumer goods	5.8	1.7	9.1	4.5	5.3	18.0
Capital goods	2.4	0.4	3.2	1.9	3.3	7.1
Total trade	4.4	1.1	6.5	3.3	4.4	11.9

Weighted average	LMIE	EU-27	KAZ	KGZ	TJK	UZB
Raw Materials	5.7	0.3	0.8	3.2	2.9	4.8
Intermediate goods	3.3	0.2	4.9	1.2	3.3	4.1
Consumer goods	3.9	0.8	3.9	2.7	7.6	11.0
Capital goods	2.5	0.2	2.8	2.0	3.7	8.3
Total trade	3.5	0.4	3.6	2.4	5.9	7.4

But, higher than OECD and dispersed

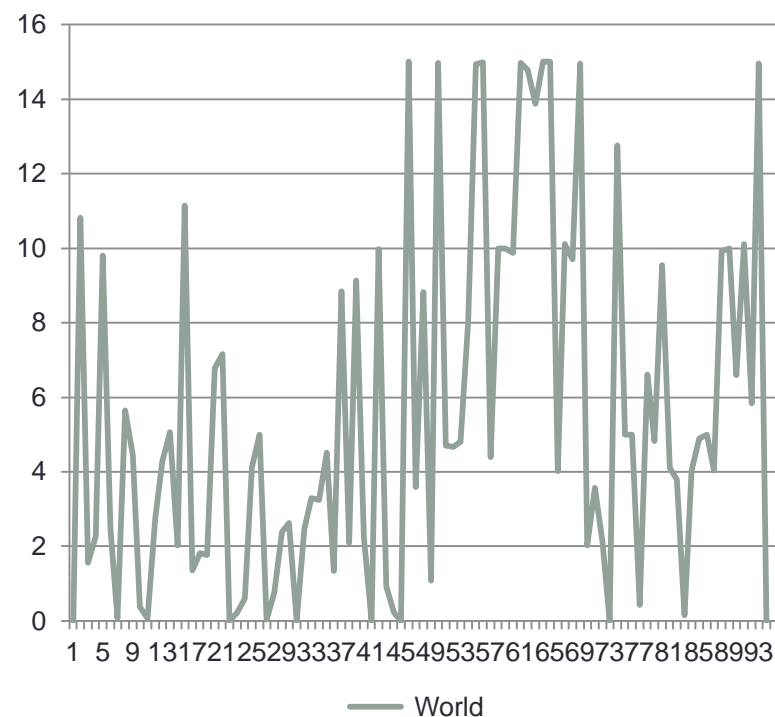
OECD tariff profile

World



Tajik tariff profile

World



Higher rates with new growth poles

Rate: Weighted average	Kazakhstan			Kyrgyz Republic		
	World	China	Turkey	World	China	Turkey
Capital goods	2.8	3.8	6.4	2.0	1.6	4.4
Consumer goods	3.9	11.9	11.2	2.7	7.9	6.0
Intermediate goods	4.9	12.4	11.1	1.2	3.9	2.2
Raw materials	0.8	7.8	5.4	3.2	6.9	0.5
Total Trade	3.6	9.0	9.3	2.4	5.3	5.1

Higher rates with new growth poles

	China				EU			
Exports from:	All	Food	Petrol.	Rest	All	Food	Petrol.	Rest
Russia	3.17	10.59	1.66	7.09	1.20	10.02	0.75	2.21
Georgia	4.13	12.04	3.58	3.74	2.67	6.37	1.63	2.93
Kazakhstan	10.31	67.13	24.20	27.13	0.61	12.20	0.21	1.44
Tajikistan	42.79	69.26	19.75	38.00	3.72	8.26	0.01	2.92
Kyrgyz Republic	10.77	12.12	4.52	10.98	5.24	8.73	2.08	4.83
Uzbekistan	66.67	68.49	20.39	78.23	2.83	8.70	0.43	2.90
Turkmenistan	35.22	84.22	19.74	76.62	1.75	6.99	0.94	3.77
Azerbaijan	3.29	77.46	22.51	53.19	0.25	7.56	0.09	3.41
Armenia	6.18	8.22	0.45	6.10	2.97	4.94	0.02	2.90
Ukraine	7.76	14.39	4.02	8.07	2.18	7.81	1.63	2.23

Restrictions to trade continue to exist

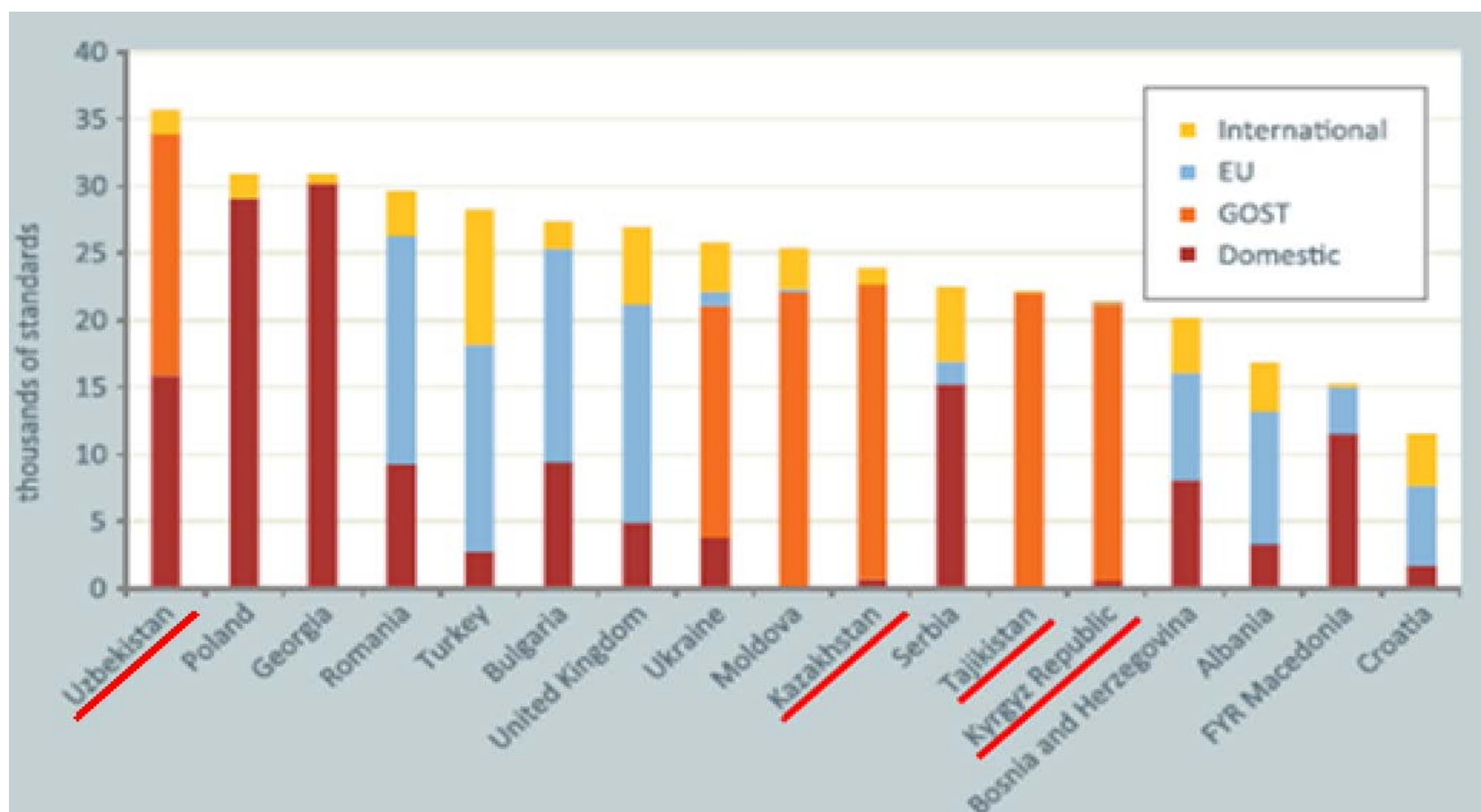
- Licensing of foreign trade activities
 - Alcohol and tobacco imports in Tajikistan;
 - Scrap or non-ferrous metals exports from Kyrgyz Republic
- Quantitative restrictions on trade
 - Import substitution policies
 - Ensure availability for domestic market

Non-tariff measures also affect trade

- Uneven tax treatment of imports and domestically produced goods:
 - Different rates
 - Levies applied only to imports
 - Restrictions in public procurement
- TBTs and SPS
 - Sanitary and phyto-sanitary,
 - Veterinary and non-technical regulations,
 - Mandatory conformity assessment
 - Technical regulations.

Standards could restrict trade

Predominance of mandatory standards, not compatible with international



Some countries are tackling NTMs

- Recent developments in Kazakhstan largely along the good practices discussed earlier
 - Database of non-tariff measures created
 - Basic analysis of measures conducted
 - Assessment ongoing
 - Plans for the future
 - Based on assessment results identify the measures to be discontinued
 - Consider publication of the results and database

No lack of integration initiatives

Free-trade agreements	KAZ	KGZ	TJK	TKM	UZB
Common Economic Zone	x				
Eurasian Economic Community	x	x	x		
CIS FTA	x	x	x		x
CIS FTA 2011	x	x	x		
Economic Cooperation Organization	x	x	x	x	x
GUUAM					x
Kazakhstan		x			
Kyrgyz Republic	x				x
Tajikistan					
Turkmenistan					
Uzbekistan		x			
Russia		x			
Armenia	x	x		x	
Georgia	x			x	
Ukraine	x	x	x	x	x
Moldova		x			

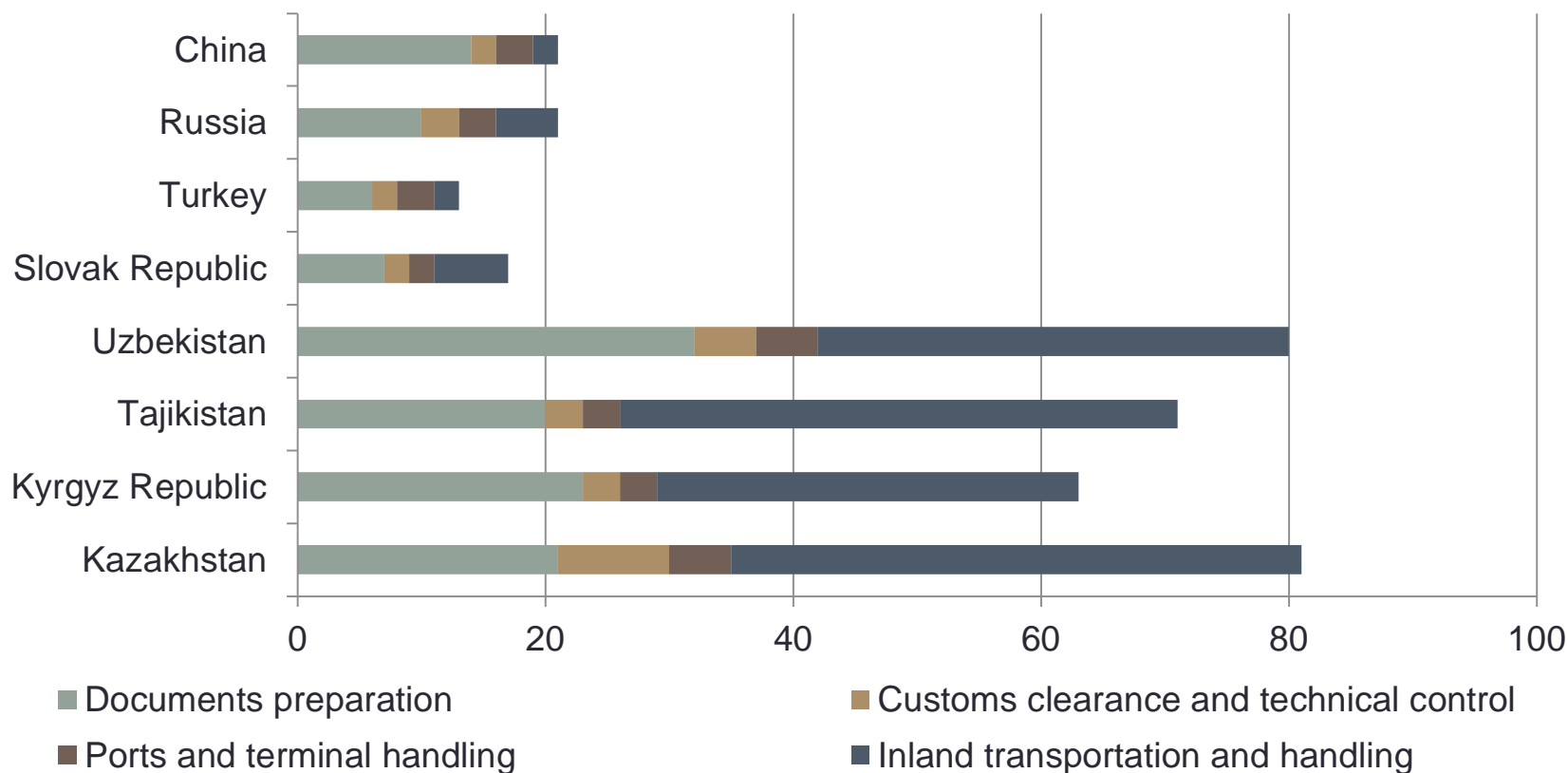
Trade facilitation

- High transport costs and long and unpredictable transport times for international shipments to and from the regional countries.

	KAZ	KGZ	TJK	UZB	ECA	OECD
Documents to export	9	8	11	13	7	4
Time to export	81	63	71	80	26	10
Cost of export procedures	4,685	4,160	8,450	4,585	2,134	1,028
Documents to import	12	10	11	14	8	5
Time to import	69	75	72	99	29	11
Cost of import procedures	4,665	4,700	9,800	4,750	2,349	1,080

Being landlocked matters, so do rules

Composition of time to export



And institutions (private and public)

Logistics Performance Index - LPI

	KAZ	UZB	KGZ	TKM	TJK
LPI rank	86	117	130	114	131
Customs	73	118	84	119	147
Infrastructure	79	120	90	101	138
Int'l shipments	92	127	147	137	135
Logistics competence	74	117	129	111	130
Tracking and tracing	70	105	132	126	143
Timeliness	132	101	135	65	146

Formalizing informal trade

- Relative costs still provide “incentives” for informal trade:
 - Trade taxes for “cross-border” trade are still lower compared to regular rates in some countries;
 - Similarly, overall transport costs are lower as borders remain permeable.
- Still, sizable flows:
 - Kazakhstan – directly from China and via Kyrgyz Republic
 - Uzbekistan – via Kyrgyz Republic
- Presentation to CAREC given in 2012 lays the elements of a potential strategy for the informal trade

The agenda ahead?

- How should the trade environment evolve?
 - What role for WTO?
 - How to deepen relations with emerging markets?
- Is it time to be bold?
 - Expand coverage ...
 - Approach NTMs from a regional perspective ...
 - Reinvigorate trade facilitation ...
 - Introduce good international practice ...
- How can the World Bank best support this process

THANK YOU!