

The World Bank's Logistics Performance Index (LPI) and drivers of logistics performance

Lauri Ojala, University of Turku, Finland Dilay Çelebi, International Transport Forum



Roundtable on Logistics Development Strategies and their Performance Measurement



Geographical location of Turkey







Logistics Performance Index



Customs



Infrastructure



Ease of arranging shipments



Quality of logistics services



Timeliness

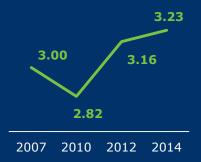


Tracking and tracing

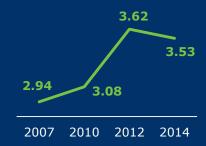


Turkey's logistics performance





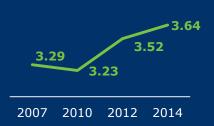






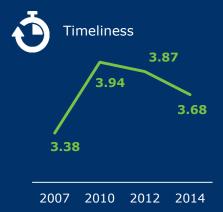
2007 2010 2012 2014













For every

10%

increase in the LPI of a typical exporter, bilateral exports increase by more than

69%

For every

10%

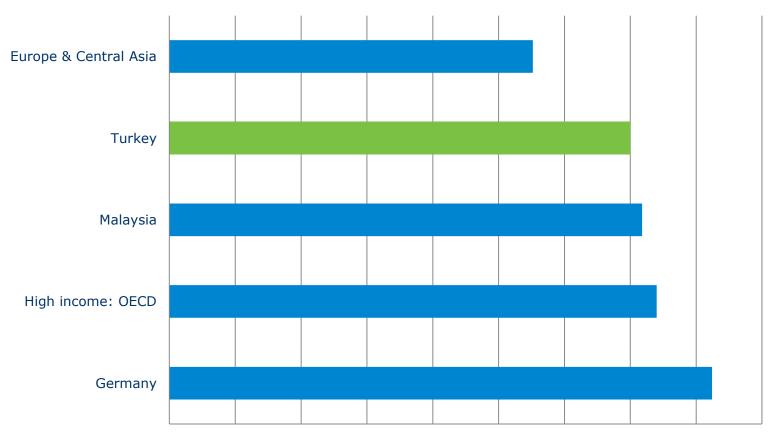
increase in the LPI of a typical importer, bilateral imports increase by

54%



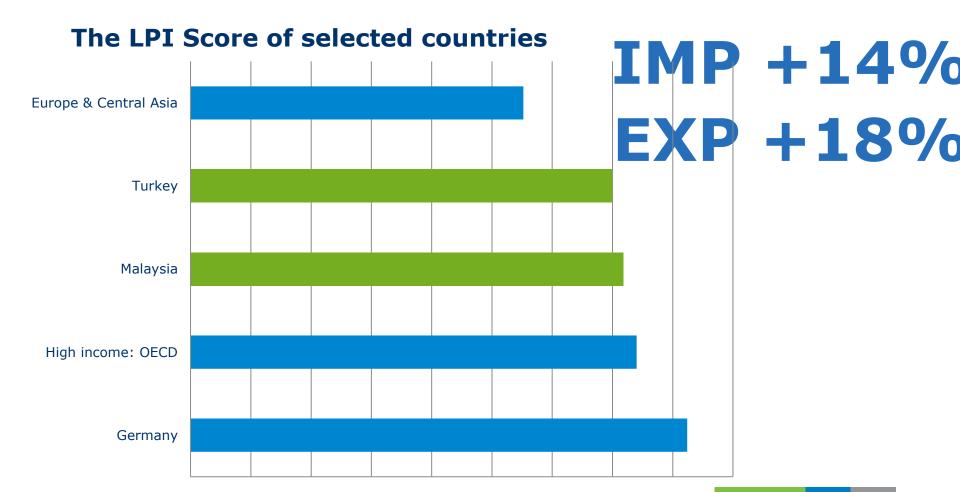
Trade impact of logistics performance

The LPI Score of selected regions





Trade impact of logistics performance



ITF Secretariat based on LPI and Korinek & Soudin (2011), To What Extent Are High-Quality Logistics Services Trade Facilitating?, OECD.



Trade impact of logistics performance





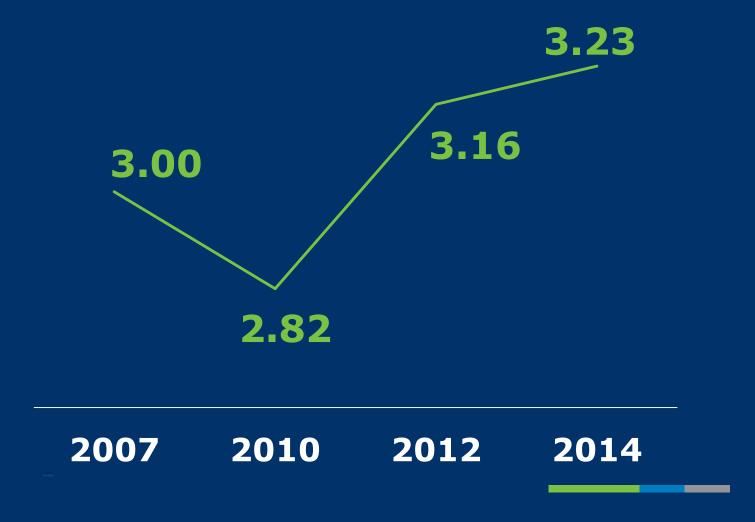


Indicators

Qualitative Quantitative

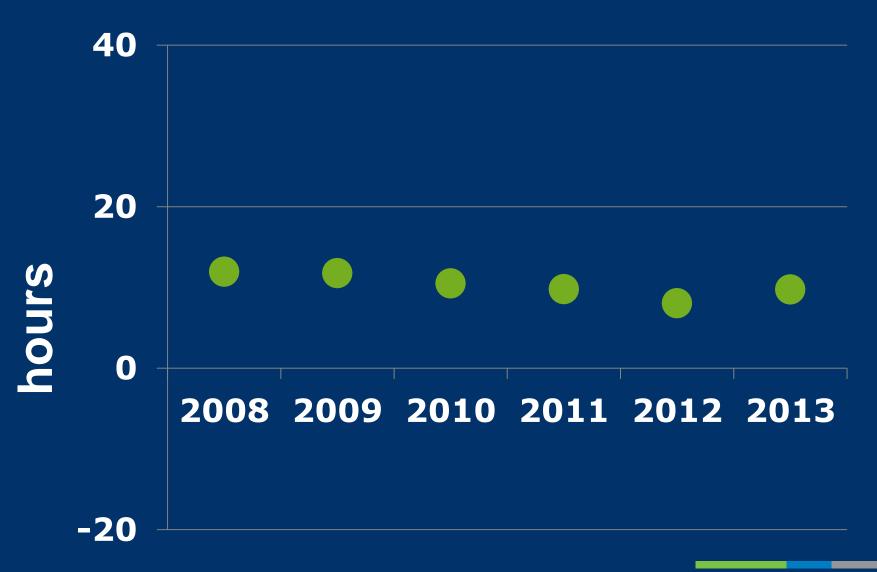


The efficiency of customs and border management clearance

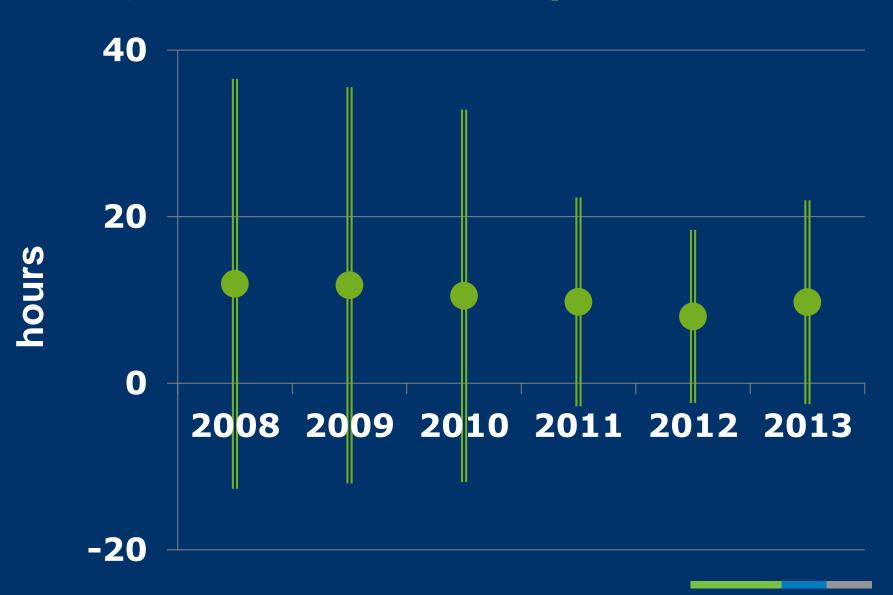


International Transport Foru

Reduced variability of clearance times



Transport Form Reduced variability of clearance times





Improvement of border facilities

38%

decrease in export time variability from 2010 to 2012

100%

of customs transactions have been computerized.

More than

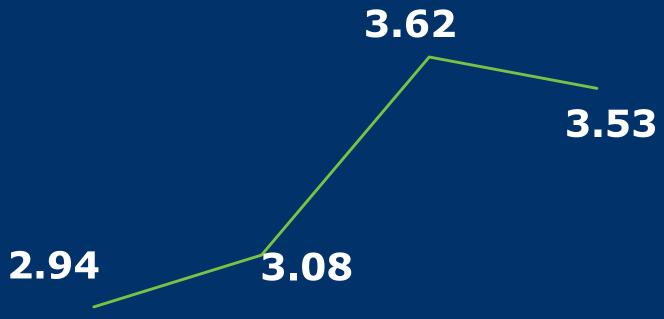
\$200,000,000

is invested for modernization of border gates under BOT model.





The quality of trade and transport infrastructure



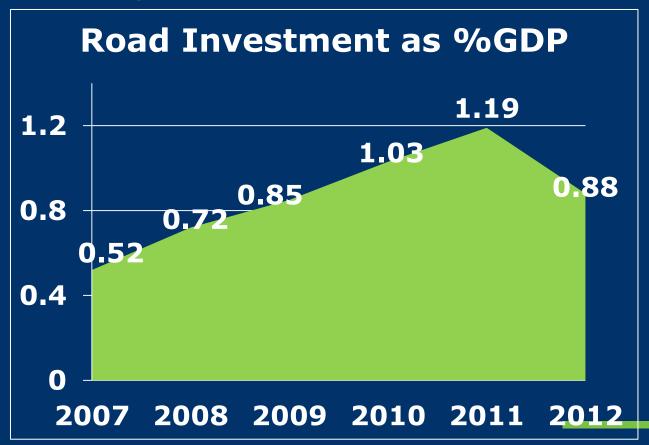


Construction of new transport links

The percentage of road investment in GDP has almost

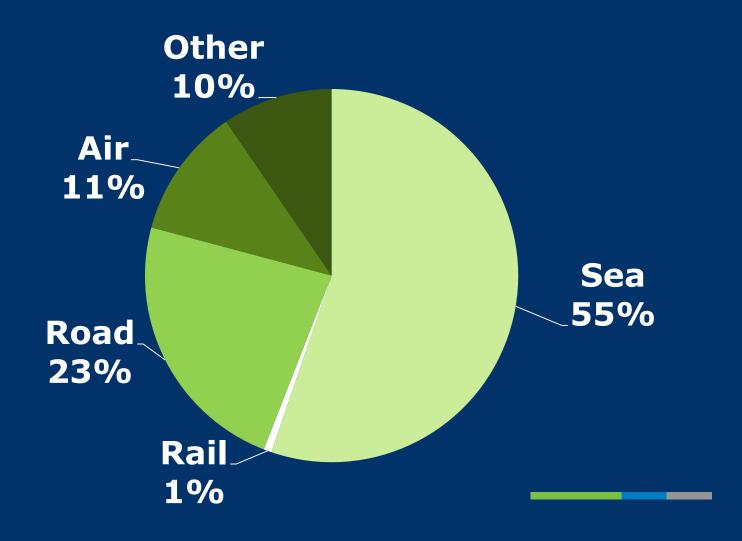
doubled in the last 5 years,

reaching up to 5.9 billion Euros in 2011





International Trade by Mode of Transport





Promoting low cost transportation modes

diesel fuel accounts for over

60%

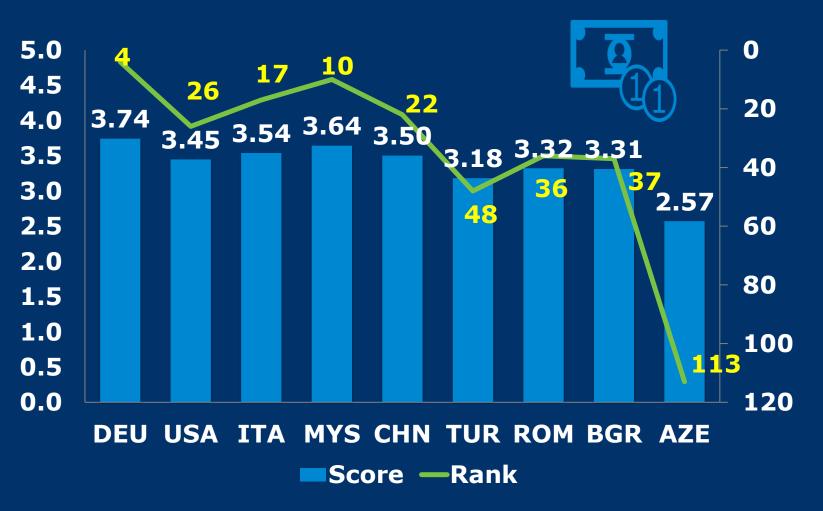
of total freight costs

More than

90%

of semi-trailers are not craneable and cannot be loaded onto standard intermodal trains.

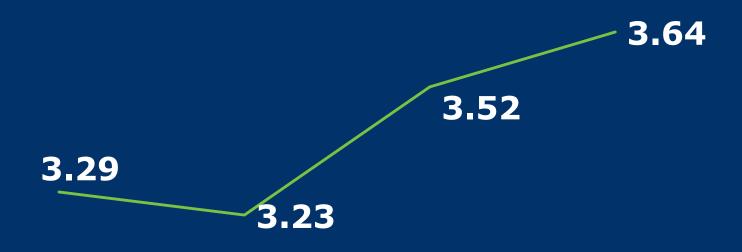
Ease of Arranging Competitively Priced Shipments





Quality of logistics services







Supporting logistics industry and private sector

Competence and Quality of Services



Drivers of Logistics Performance: Case Study
International
Transport Forum

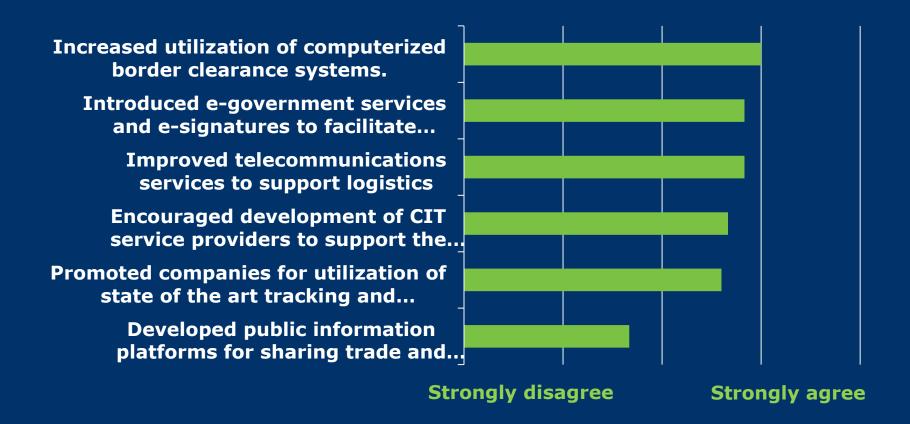
Ability to Track and Trace Consignments





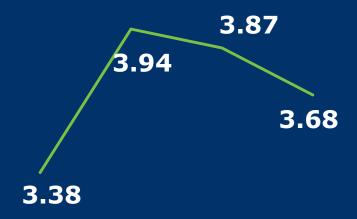
Promoting utilization of ICT in Logistics Services

In the last couple of years, Turkey has experienced...

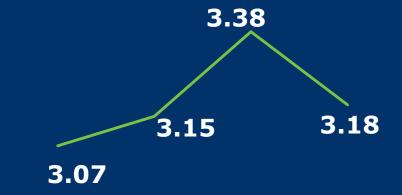












2007 2010 2012 2014

2007 2010 2012 2014



World Bank sources indicate that a one-day delay in delivery times causes a

1%

decrease in the volume of trade

Reducing transport network system vulnerability

In 2012,

90

0/0

of the trucks on Slovenia-Italy Ro-La lines had Turkish plate Trucks tend to have long waiting times at major Ro-La lines, even up to

4-6 days



Findings

- Variability is one of the main factors of efficiency of the customs and border clearance.
- Capacity management is vital for infrastructure efficiency.
- A superior transport infrastructure supports vital transport systems, including access roads to terminals and seaports, and intermodal services.
- A thriving private sector is one of the leading factors in providing high quality logistics services.



Lauri Ojala

Turku School of Economics, Finland Rehtorinpellonkatu 3 FIN-20500 TURKU

Email: Lauri.ojala@utu.fi

Dilay Çelebi

İstanbul Technical University

Faculty of Management

34367 Maçka, Turkey

Email: celebid@itu.edu.tr



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