Mega Trends in Global Logistics: How are trade and supply chains evolving?

Baher El Hifnawi, Global Lead, Development Corridors and Regional Integration
Yin Yin Lam, Senior Transport Specialist
Hua Tan, Senior Transport Specialist
Global trade is growing … but at a slower rate

Will this trend continue?
Global trade patterns by region—large potential for trade increase

(Source: https://the-international-investor.com/2013/global-trade-explosion)
Increase in consumption is not in doubt

Source: HSBC
How will this demand be met? More or less trade?

**Industry 4.0**
- 1st: Mechanization, water power, steam power
- 2nd: Mass production, assembly line, electricity
- 3rd: Computer and automation
- 4th: Cyber Physical Systems

**Mega Connectivity Initiatives**

**Climate considerations: modal shifts**

**Protectionist policies: new measures**
- Number of new discriminatory measures implemented worldwide

Source: Caixa Research

* (Source: DHL-IDC Manufacturing Insights Survey, 2015)
Irrespectively, technology will increase supply chain efficiency and security.

Autonomous container trucks serve in logistics parks. Drones delivery in tough terrains.

Sharing Economy
Using various platforms, the Sharing Economy can match demand and supply at a fraction of the cost that confronts traditional brokers.

Maersk and IBM launches the first cross-border logistics solution on blockchain.

Connected autonomous truck fleets provide warehouse-to-warehouse transport.
Thank you!

Any questions: Baher El-Hifnawi
melhifnawi@worldbank.org