



# The Role of Financial Integration in East Asia in Promoting Regional Growth and Stability

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## Motivation

- Previous papers: The need to improve various aspects of
   That economy in preparation for the New Asian economy
- With the rise of China and India, economic interdependence is growing, making regional cooperation indispensable
- Understanding the role of financial integration and cooperation is vitally important

## Why regional rather than global financial cooperation?

- Integrated market with diversified assets: more attractive
- Stronger voice in international arena
- Discipline for domestic reforms
- Should not be inward looking

### **Main Questions**

- 1. To what extent is East Asia financially integrated?
- 2. How can financial integration promote economic growth?
- 3. What is the role of financial cooperation in creating macroeconomic stability?

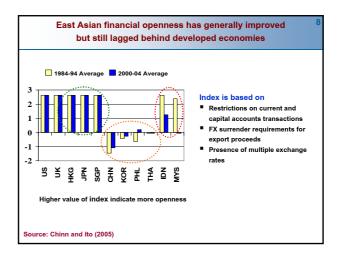
# What is the degree of financial integration in East Asia?

- Regulatory measures
- Quantity-based
- measures
- Price-based measures

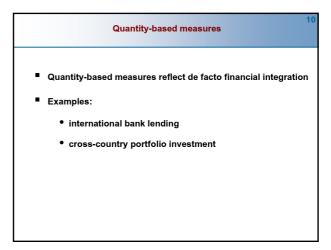
## Regulatory measures

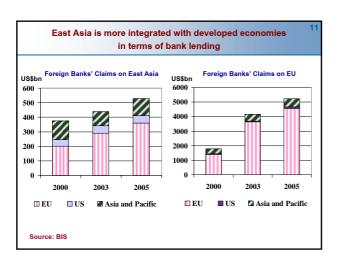
- One way to assess the degree of integration is examining barriers to capital movement
- Regulatory measures are de jure, not de facto, indication of integration

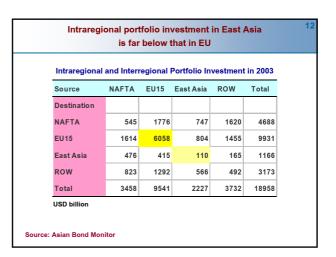
Controls on:	UK	JPN	US	SGP	KOR	THA	IDN	PHL	MYS	CHN
Capital and money market instruments										
Capital market securities			х	х	х	х	х	х	х	х
Money market instruments			х		х	х	х	х	х	х
Collective investment securities			х		х	х	х	х	х	х
Derivatives					х	х	х	х	х	х
Credit operations										
Commercial credits					х		х	x	x	х
Financial Credits				х	х	х	х	x	×	х
Direct investment	х	х	х		х	х	х	х	х	х
Liquidation of direct investment										х
Real estate transactions				х	х	х	х	х	х	х
Personal capital movements					х	х		х	х	х



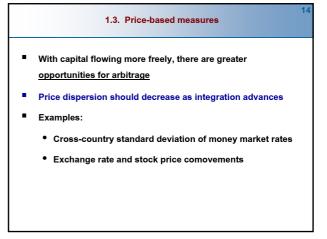
# Regulatory measures: Summary Financial openness in East Asia generally improves but still lags behind developed economies

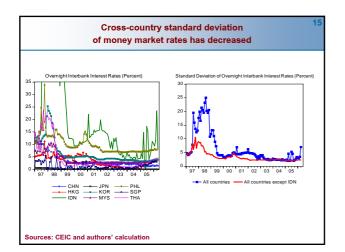


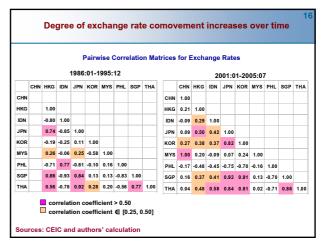


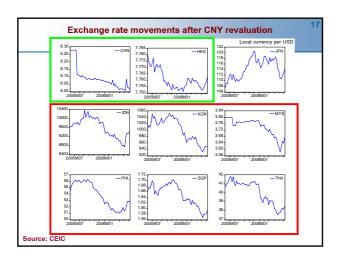


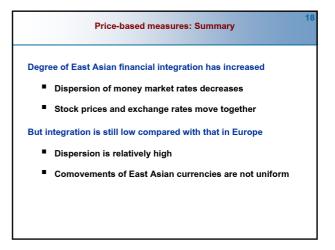
# Quantity-based measures: Summary Financial integration in East Asia Lags behind integration with developed economies





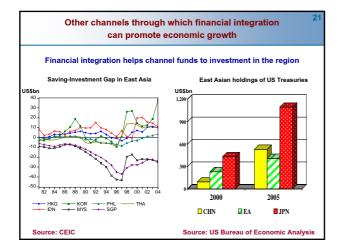






Financial integration and economic growth

Financial integration through FDI potentially increases trade  $Export_{ijt} = b_0 + b_1GDP_{it} + b_2GDP_{it} + b_3Distance_{ij} + Xb + e_{ijt}$ ■ GDP represents economic size ■ Distance proxies trade costs, e.g. shipping costs, time elapsed X includes shared history, language, as well as FDI Estimated coefficient of FDI: positive and significant Dependent variable: Export Regressor t-stat 0.1361 0.02 Exporting Country's GDP 0.7998 3.22 0.00 Trading Partner's GDP



Other channels through which financial integration can promote economic growth

Financial integration provides opportunities for international risk sharing—hence lower risk premium and cost of capital

Lower cost of capital follows from elimination of country-specific risks

Net present value turns positive for some investment projects, thereby inducing investment

Financial integration and growth: Summary

Channels through which integration provides an impetus to growth

FDI and intraregional trade

Efficient transfers between savers and borrowers within region

Financial deepening in domestic markets

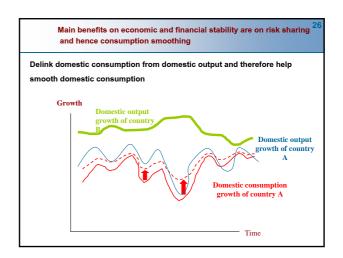
International risk sharing (reducing risk premium and cost of capital)

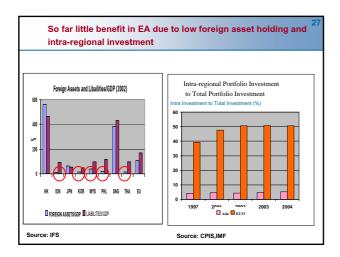
Financial integration and economic and financial stability

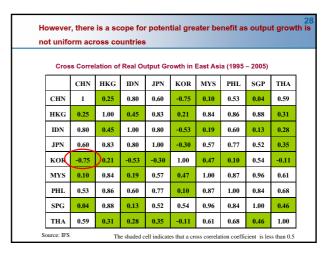
Financial integration and economic and financial stability

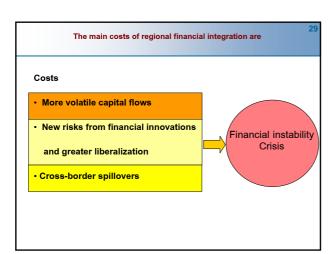
 Benefits and costs on macroeconomic and financial stability

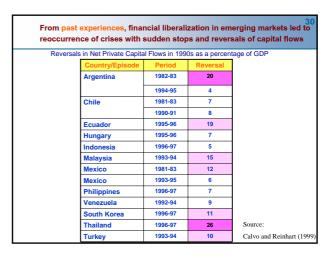
 The role of regional financial cooperation in enhancing macroeconomic and financial stability

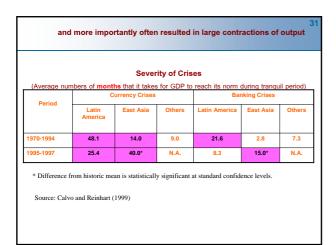


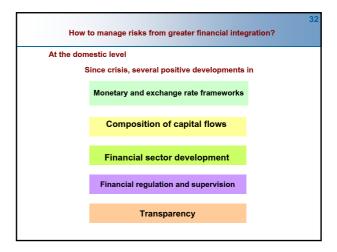


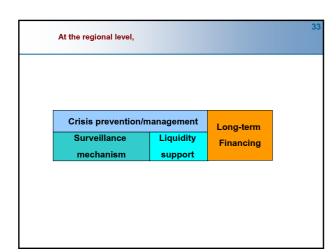








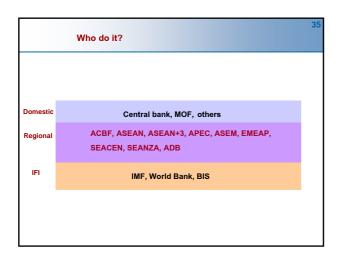




An effective surveillance mechanism is crucial for crisis prevention/management because of

Potential cross-border risks

Need for appropriate deployment of a liquidity support mechanism in time of crisis

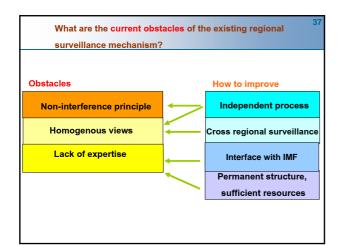


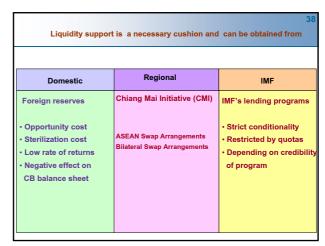
Need to understand linkages among regional economies

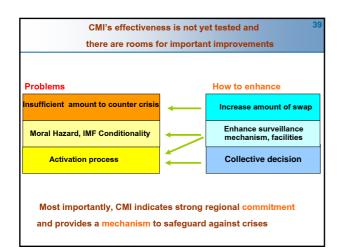
Need specific knowledge from regional experts and private sector

Greater incentives for peer pressure to avoid cross-border contagion

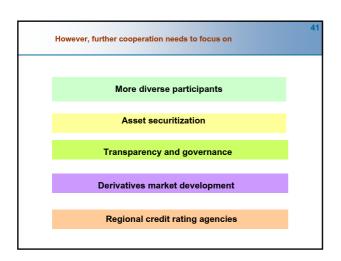
IFI's surveillance not adequate from crisis experiences











# Regional financial integration renders the regional capital market more attractive to international investors, stronger voice in the international rule and standard setting, and reform enhancement. Although financial integration within East Asia lags behind integration with developed economies, it has been on an increasing trend.

To conclude

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- Financial integration potentially benefits economic growth as it helps enhance intra-regional trade, reduce cost of capital, and deepen the financial markets.
- However, it also entails risks to stability. Therefore, effective prudential safeguards and close cooperation, are needed for reaping full potential benefits from further integration.