

**Roadmap for managing  
Basel II implementation issues for Asian banks**

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# Agenda

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## 1. Basel II is a very good news

## 2. Basel II is a long way away

## 3. Having a strong foundation – Pillar I

- ❑ Building an implemental roadmap
- ❑ Building capacities & capabilities
- ❑ Having a Right Architecture – for credit risk, operational risk management & market risk

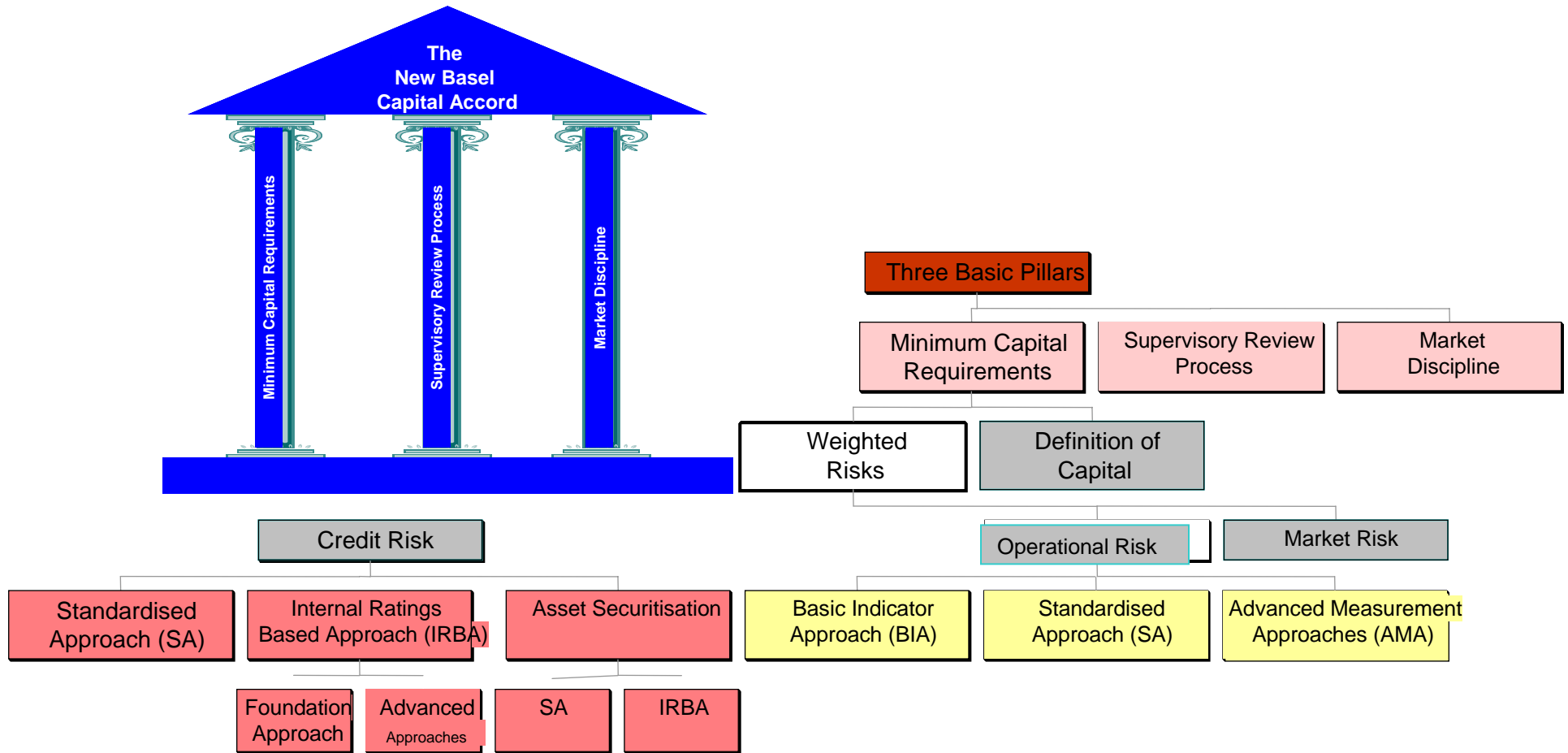
## 4. Beyond Pillar-I

- ❖ The Implementation Framework of the Second Pillar of Basel II in Japan
- ❖ The need for validation framework
- ❖ Dealing with cyclicity / Business cycles in and capital allocation
- ❖ Understand the requirements for regulatory approval
- ❖ Dealing in Cross-border Consolidation Methods
- ❖ Promotion of Home-Host Cooperation

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## 1. Basel II is a very good news

# Basel – Ultimate goal

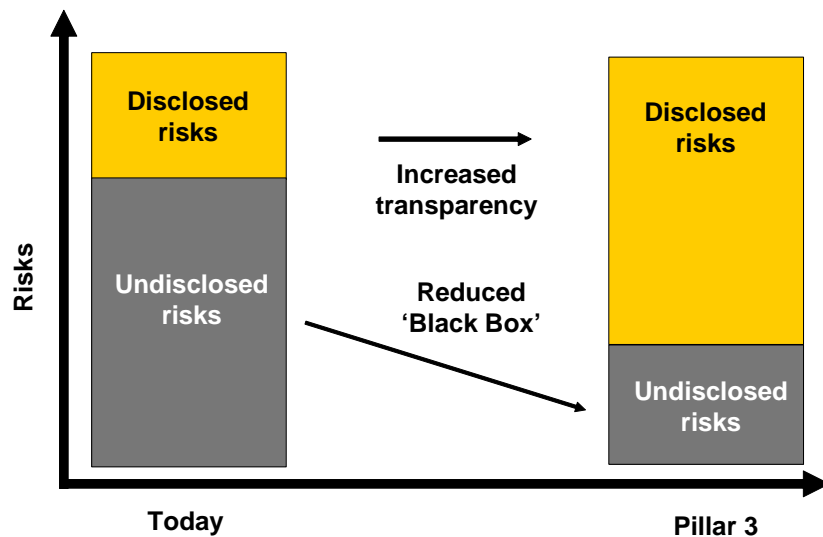


“The Basel II framework places considerable emphasis on internal processes for managing risk and for managing capital requirements. This along with the Pillar III disclosure requirements places tremendous demand on the Governance and oversight standards within a bank. **Banks should therefore focus their energies on raising their governance and oversight standards to greater heights”**

KISHORI J. UDESHI, September 2005

# Basel II is very good news

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## Regulators

- Provides deeper insight into bank risk management
- Gives greater comfort in the robustness of risk management practices in various banks
- Compliance simplifies risk management practices

## Banks

- The Regulators expect the major banks to comply with the most sophisticated models
- International peer analysis shows bank risk-adjusted assets to decrease by more than any other jurisdiction
- Differences are attributable to:
  - balance sheet structure
  - different risk profiles

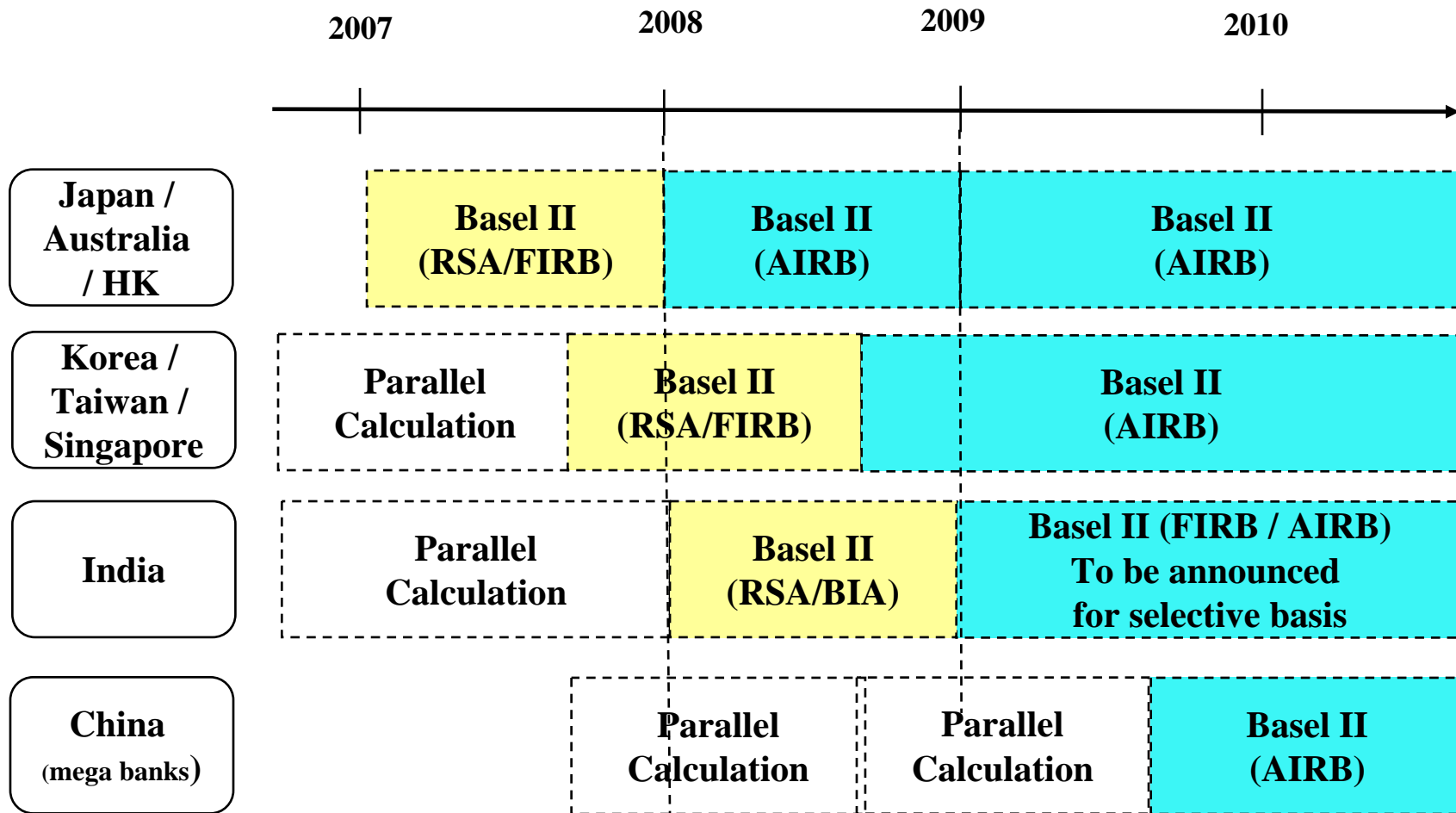
## Equity investors / Analysts / Debt investors / Rating Agencies

- Greater rigour of balance sheet analysis
- Better understanding of risk / reward – fundamental value

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## 2. Basel II is a long way away

# Basel is a long way away



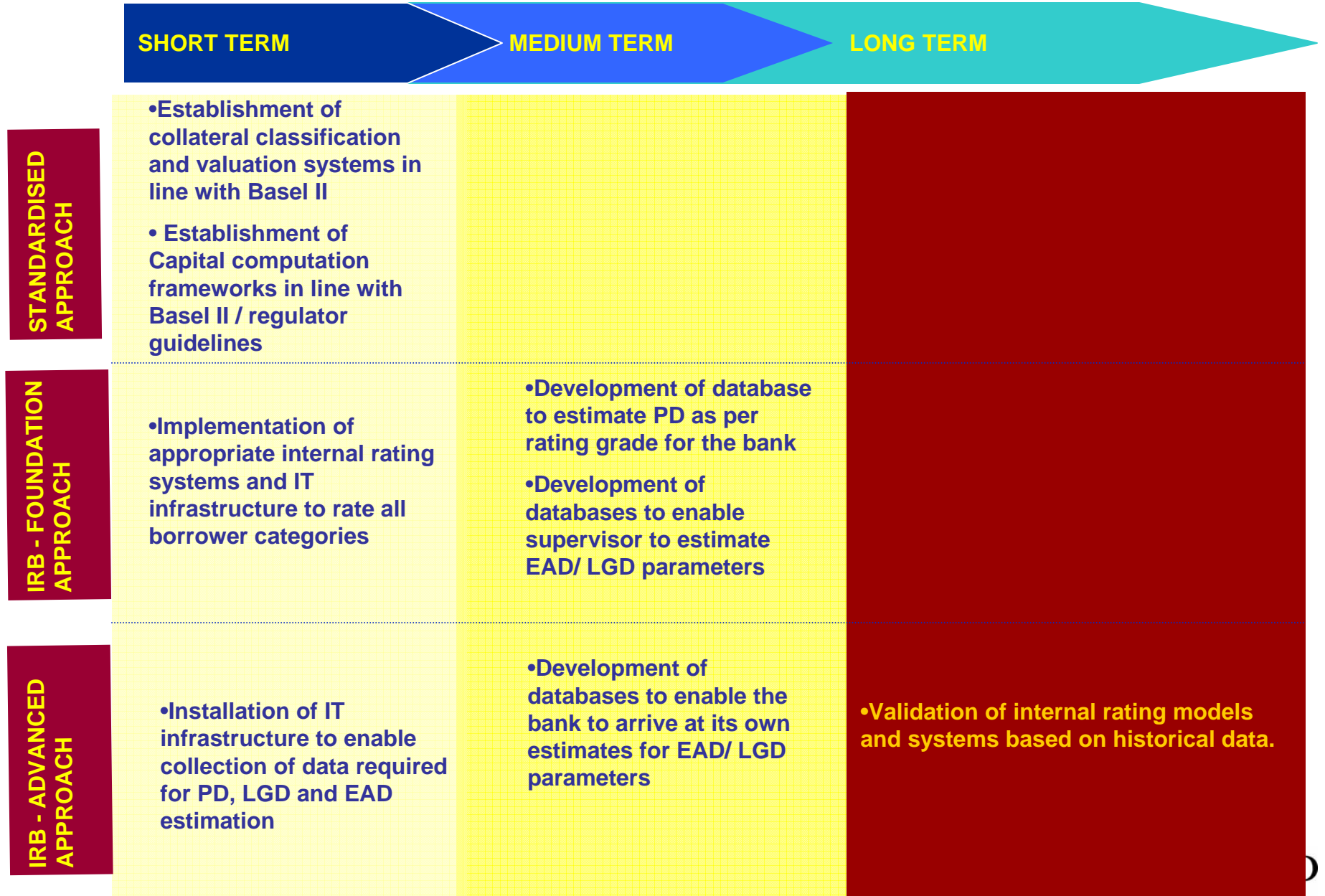
- The Basel Committee explicitly acknowledges that moving toward an early adoption of Basel II may not be a first priority in terms of what is needed to strengthen their supervision. Each national supervisor should consider carefully the benefits of Basel II in the context of its domestic banking system when developing a timetable and approach to implementation.

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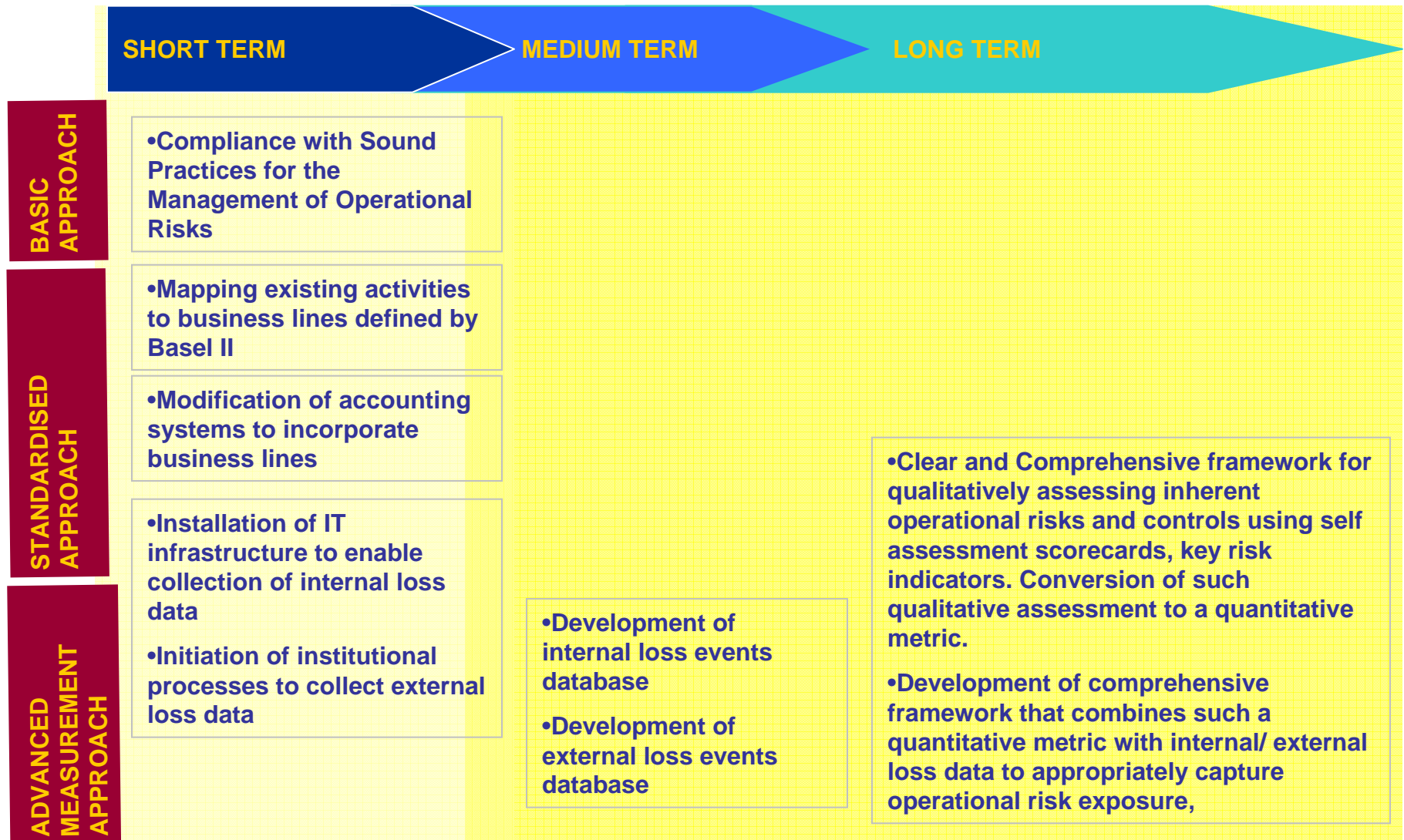
### **3. Having a strong foundation – Pillar I**



# Roadmap for Basel II - Credit Risk



# Roadmap for Basle II – Operational Risk



# Building capacities & capabilities

Building Risk Management Capability requires an **interdisciplinary effort** ..... Banks must possess the supporting risk management infrastructure required to align the risk & business strategies



## Strategy

- Articulated strategic vision and approach
- Risk based capital allocation processes
- Portfolio Analysis (and on a stand alone basis)

## Process

- Clearly defined corporate level and business unit risk management policies and procedures
- Effective controls and risk limits

## Organization

- Strong, risk centric governance structure
- Chief Risk Officer & the risk organisation
- Skill sets

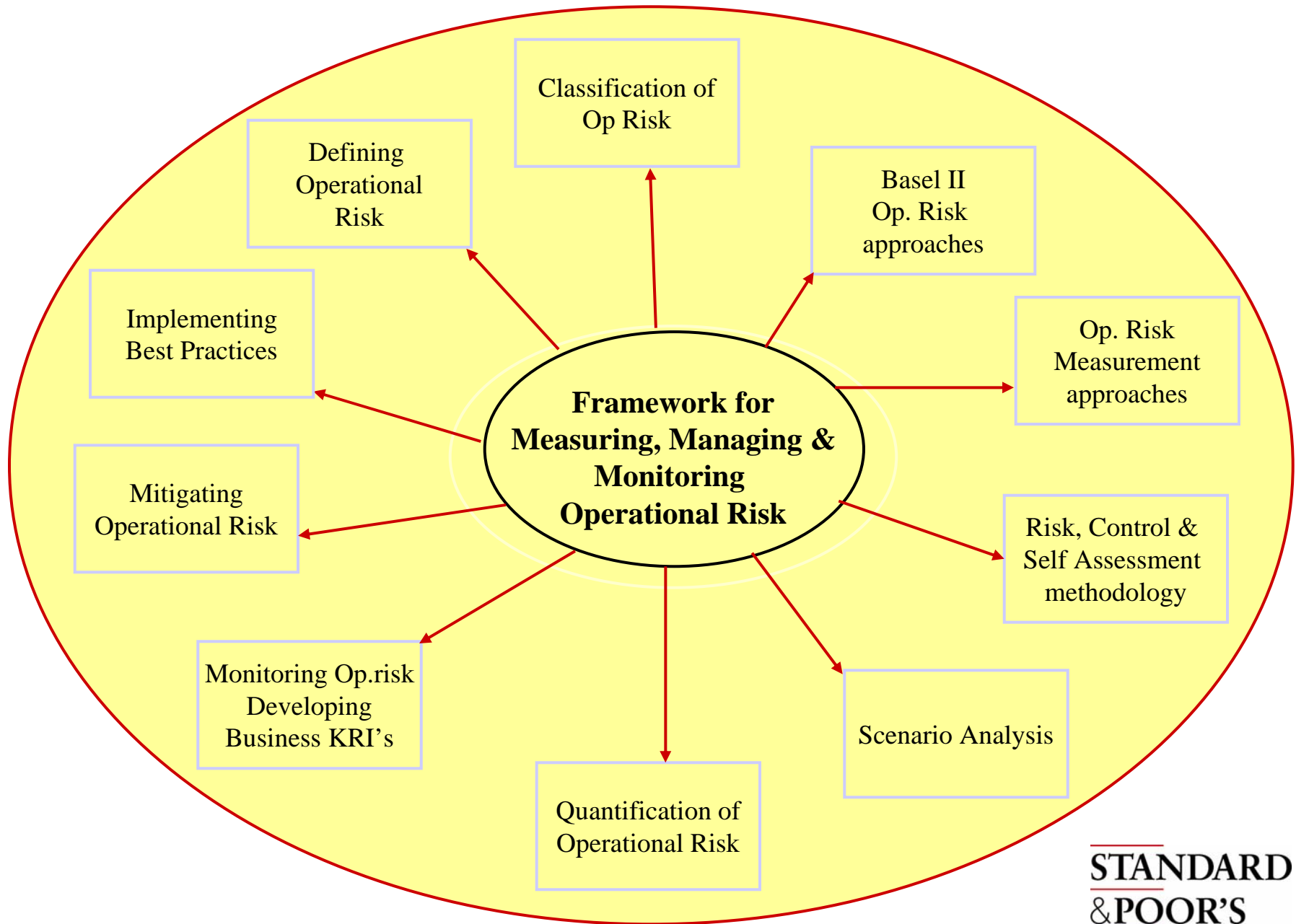
## Technology

- External and internal data feeds/interfaces
- Data warehousing and middleware capabilities
- Risk measurement engines
- Data visualization tools

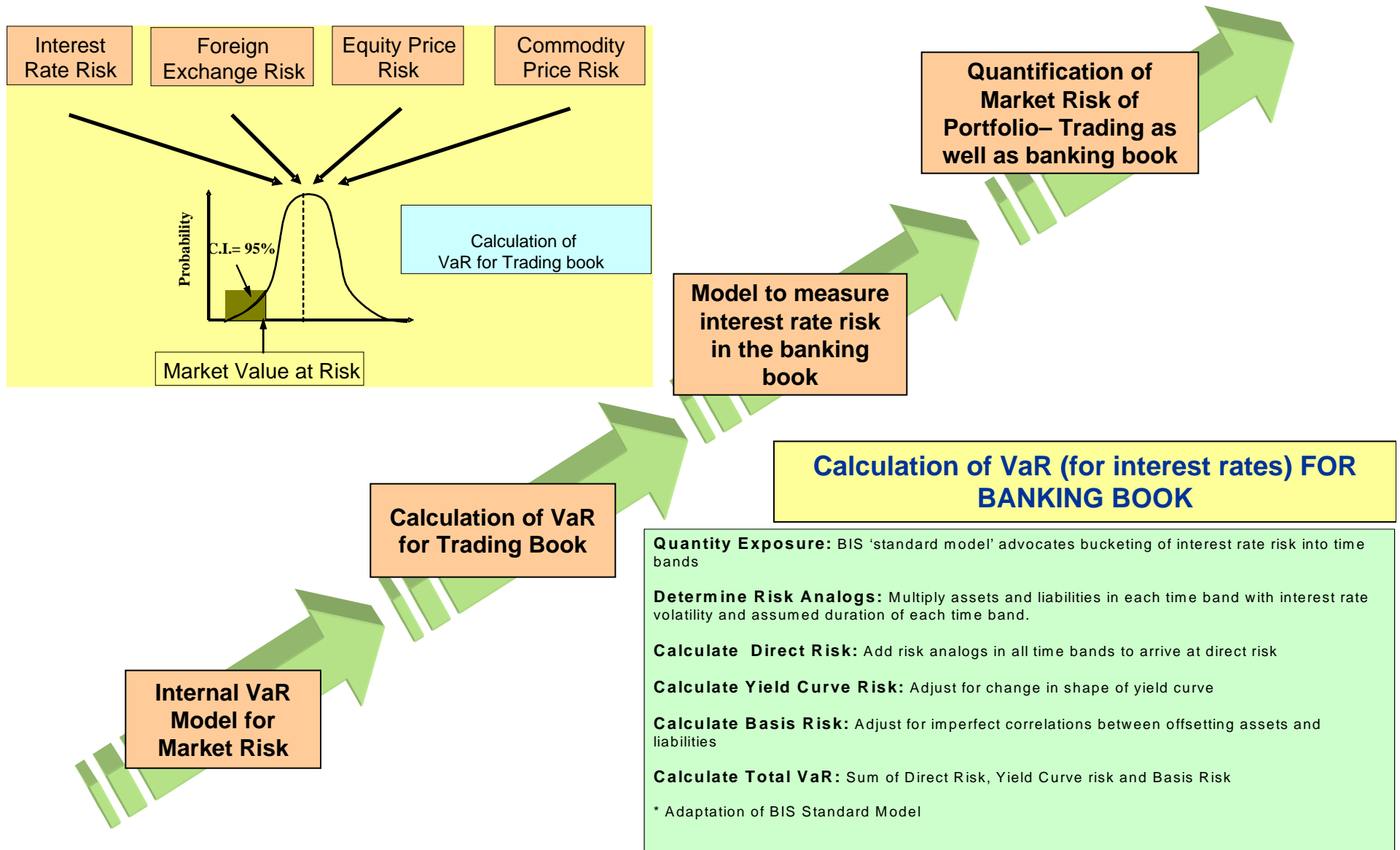
# Having a right architecture for implementing credit risk management



# Framework for Operational Risk



# Framework for Market Risk



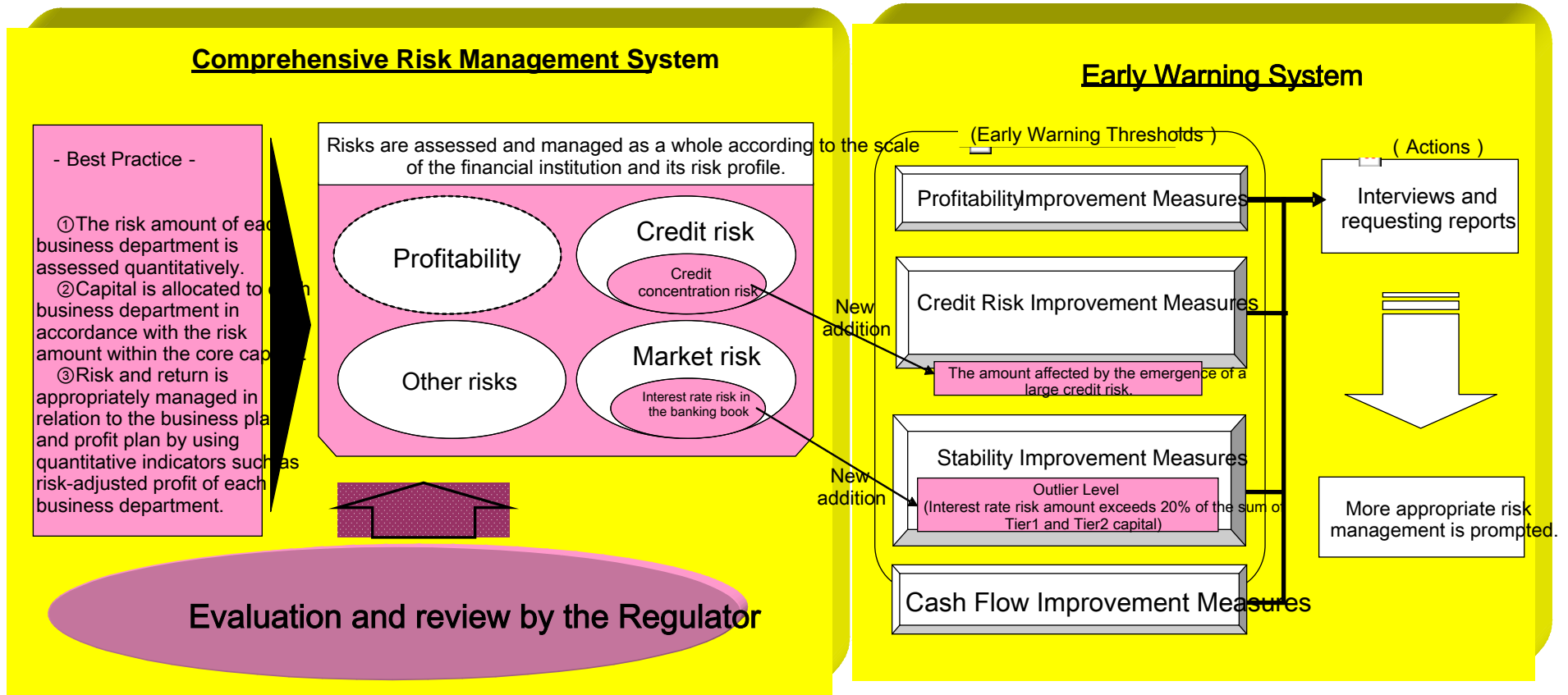
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## 4. Beyond Pillar I

# The Implementation Framework of the Second Pillar of Basel II in Japan

## (1) Assessment of Comprehensive Risk Management system

## (2) Enhancement of the Early Warning System



Consideration for proportionality of small- and medium-sized and regional financial institutions

Consideration for the stability of financial markets



# The need for validation framework

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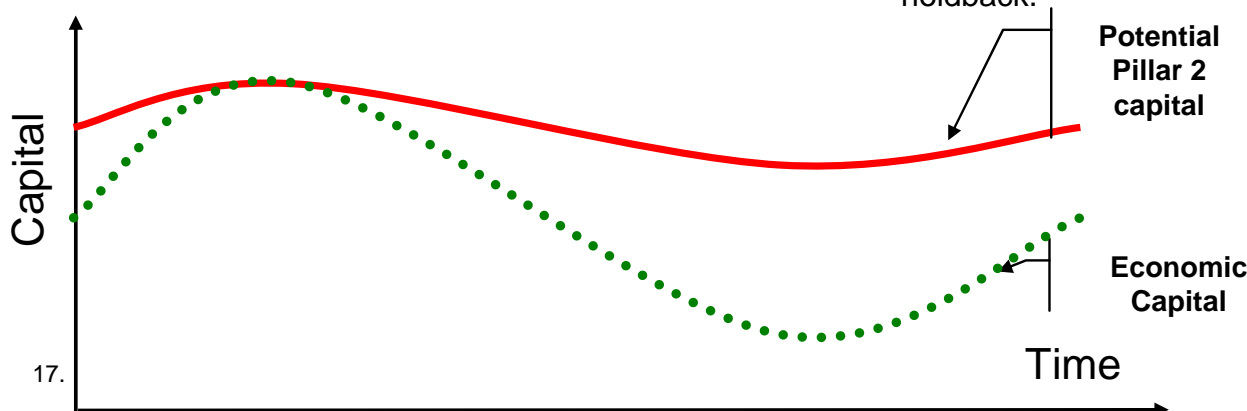
**All activities undertaken to analyze and verify the overall performance of the Risk Rating System to ensure accuracy and consistency. In general, the validation entails the following activities:**

1. Confirmation of the Conceptual Soundness and Initial Risk Quantification of the Risk Rating Systems' design,
  - concept, methodology, and assumptions
2. Confirmation of Risk Rating Systems' Operations,
  - Replicability, Override and Exceptions monitoring, Monitoring of Risk Rating System's KPIs, Data, the use test
3. Annual examination of overall performance of the Risk Rating System
  - Backtesting
  - Benchmarking
  - Annual Health Check

# Dealing with cyclicity / Business cycles in and capital allocation

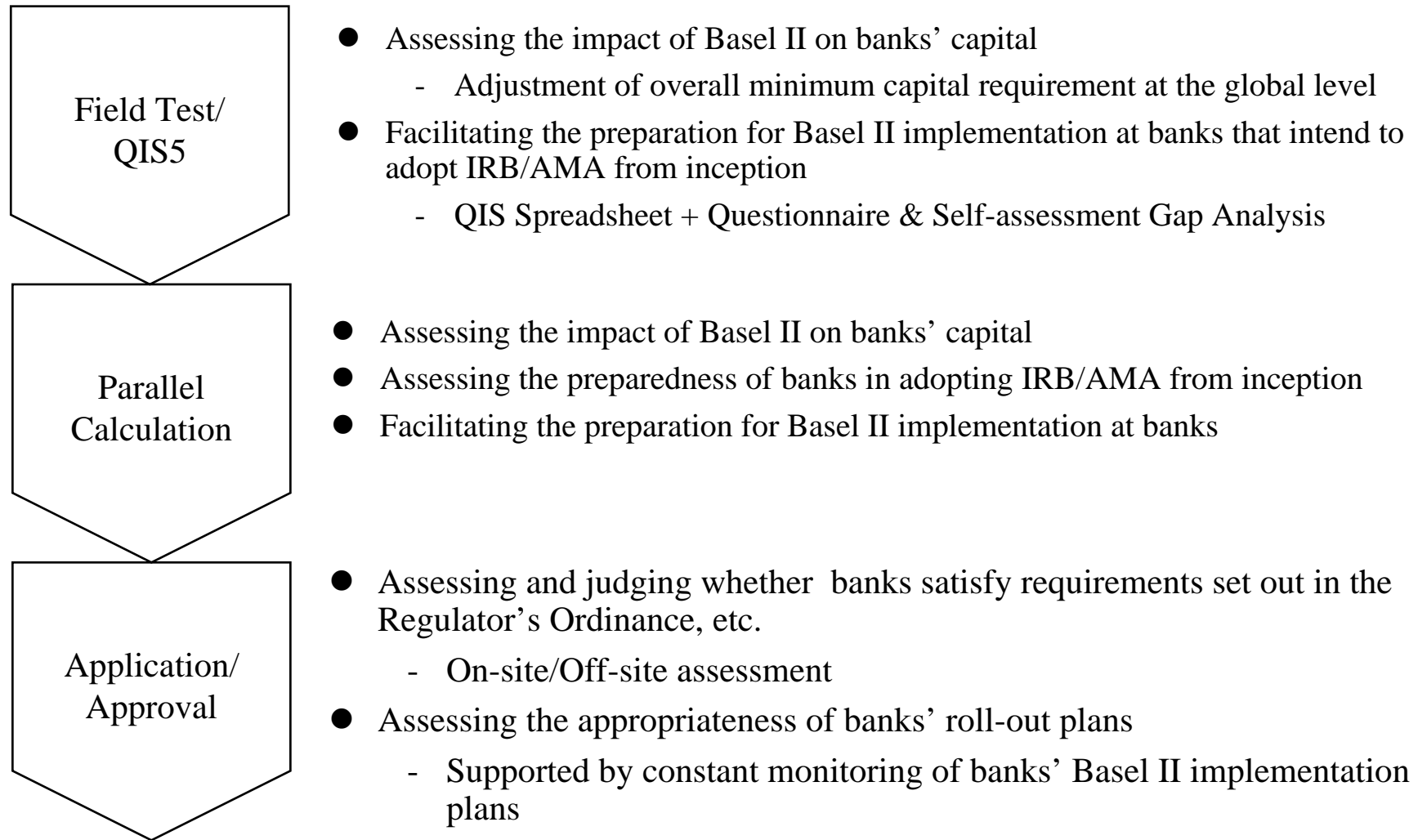
- ? Some of the bank's businesses are more cyclical than others. How the capital can be allocated among these businesses annually, considering the differences in cyclicity of their business? What can be done with excess Capital?
- ? How can the bank stabilize the Economic Capital, which is more cyclical than allocated capital, and manage the Gap between Allocated and Economic Capital?
- ? What is the best way to allocate this Gap to the bank's businesses with respect to cyclicity in order to provide incentives to each business line in the right way, while at the same time keeping the risk under control?

- ❑ Basel Capital is likely to be conservative and a-cyclical, which will have an impact on our capital management practices.
- ❑ Our internal view of capital is more PIT/cyclical and less conservative - which means we will have a cyclical Gap between Economic Capital and Allocated Capital.
- ❑ One way to stabilize the Economic Capital and thus the Gap could be to use cyclical solvency ratio/confidence interval corresponding to the target rating in estimation of Economic Capital.
- ❑ More cyclical businesses will be responsible for the cyclicity of the Gap. The allocation of Gap is critical to send the right incentive.
- ❑ We want cyclical businesses to grow during the good times but how? If the business takes too much long term risk in good times, there will be implications later. How to bridge the long term and short term objectives?
- ❑ If the business has no or little control over the term of the deals, the Gap can be allocated to reduce/eliminate cyclicity: Cyclical businesses are charged TTC capital no matter where we are in the cycle.
- ❑ If the business has reasonable control over the term of the deals, we need to normalize the term effect, which could be done via capital holdback.



## Understand the requirements for Regulatory Approvals

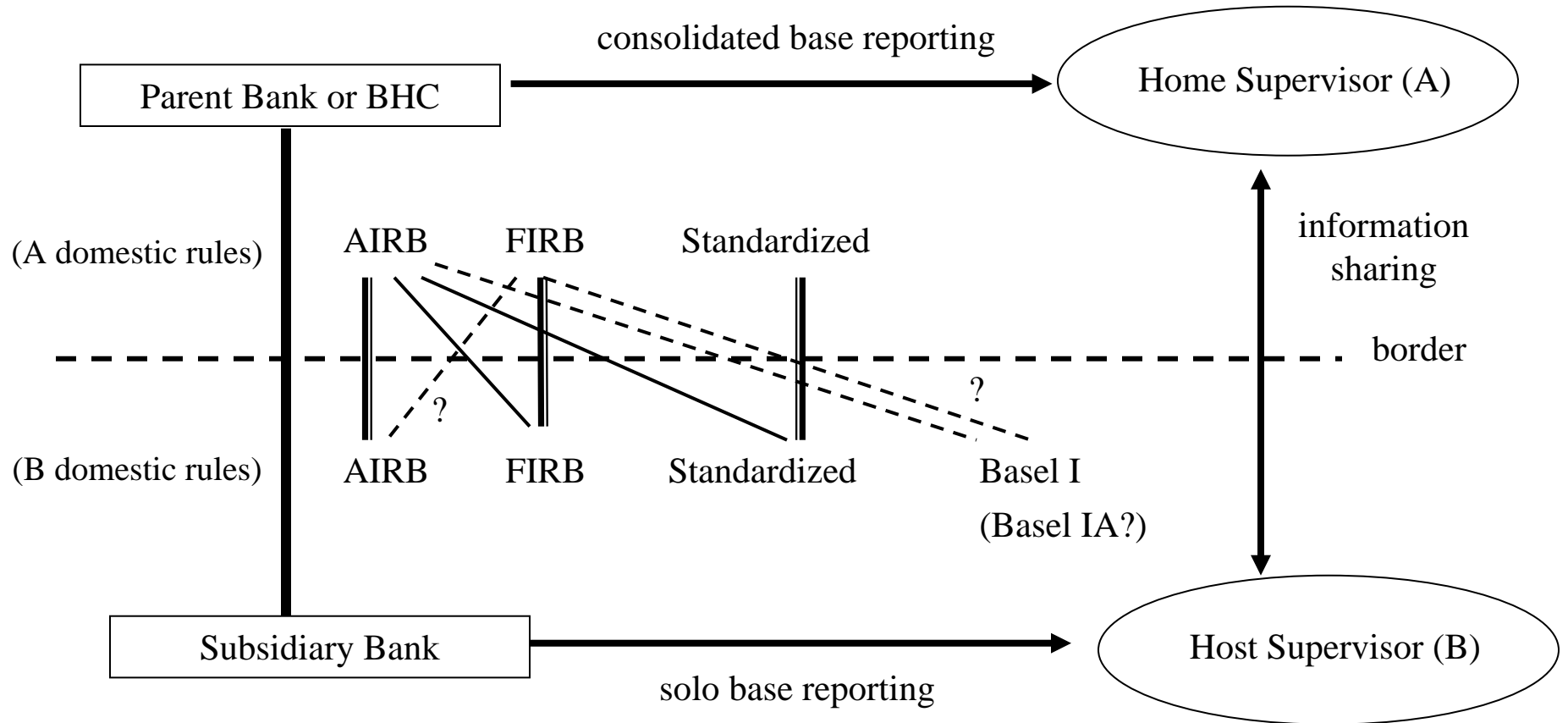
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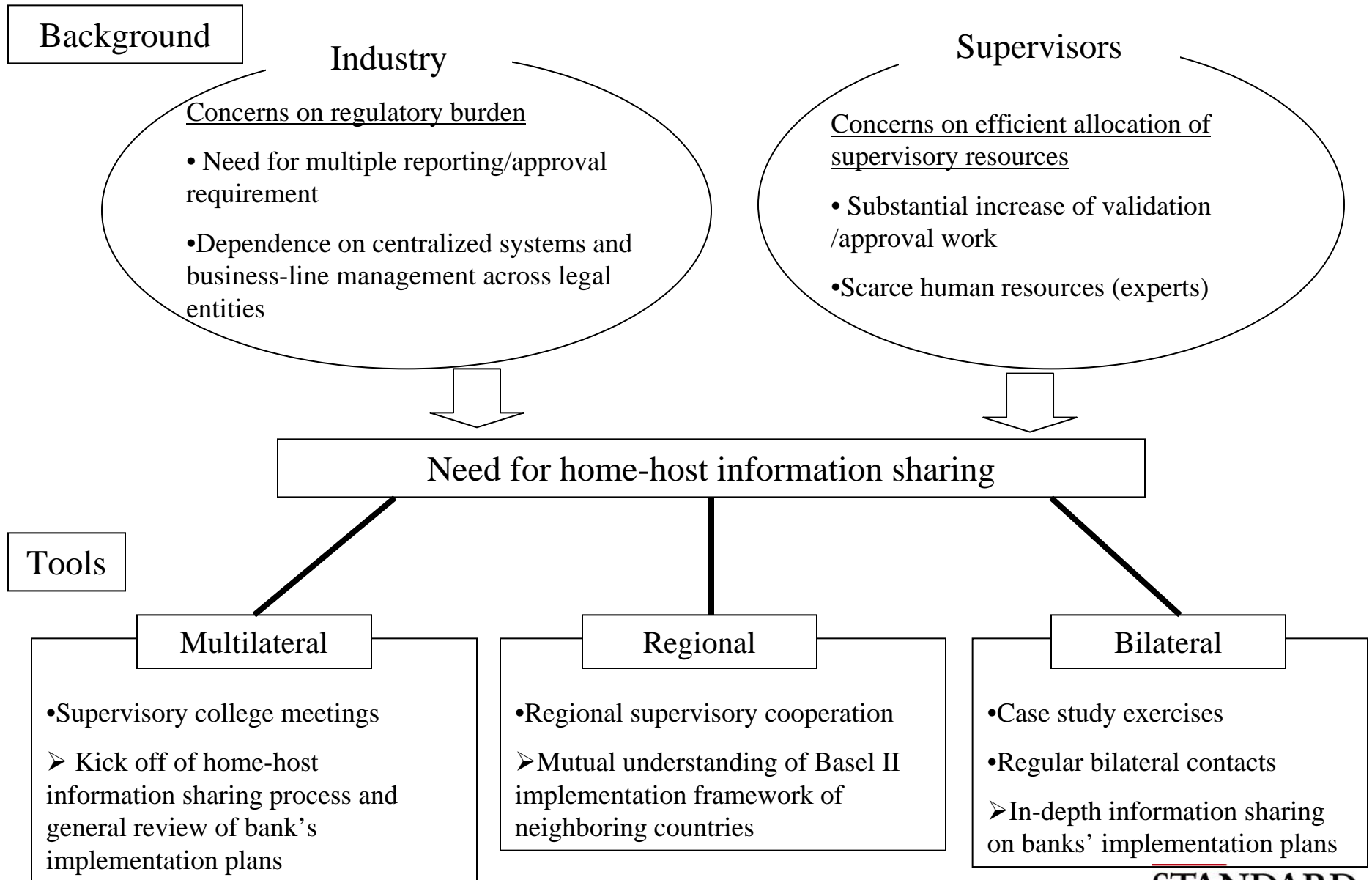
**Approval process for advanced approaches will be a 3-stage process**

# Dealing in Cross-border Consolidation Methods

Should internationally active banks be allowed to apply different approaches to subsidiary banks and to aggregate the results of these approaches on a group-wide basis (i.e., add-up consolidation) ?



# Promotion of Home-Host Cooperation



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## Possible Criteria for Add-up Consolidation

**Several criteria, as listed below, can be used to judge the appropriateness of add-up consolidation methods, but flexibility is needed anyway.**

(Impact of different domestic rules)

1. Are Basel II approaches available in host jurisdictions?
2. How significant is the difference in Basel II implementation rules between home and host jurisdictions?

(Impact of adopted different approaches)

3. Is the add-up consolidation method applied on a temporary basis?
4. Is the subsidiary a non-significant business unit?
5. Is it possible to prevent regulatory arbitrage?

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