ASEAN+3 Regional Economic Outlook (AREO) 2017: Risks and Opportunities

29 May 2017, Singapore
Introduction: About AMRO

Mandate
• Conduct macroeconomic and financial surveillance of global and regional economies
• Contributes to early detection of risks, policy recommendations for remedial actions and effective decision-making of the CMIM

Core Functions

Surveillance
• Conducting macroeconomic surveillance (regional, member countries, functional/sectoral) and conducting thematic studies/research

CMIM Support
• Providing support to the members to ensure that the CMIM is operationally ready

Technical Assistance (TA)
• Providing TA to the members to enhance their human and institutional capacities for macroeconomic surveillance and implementation of CMIM
Contents

I. ASEAN+3 Macroeconomic Prospects and Challenges

II. Thematic Chapter: ASEAN+3 Region 20 Years after the Asian Financial Crisis
AREO 2017: Contents

Chapters

I  ASEAN+3 Macroeconomic Prospects and Challenges

II  Thematic Chapter: ASEAN+3 Region 20 Years after the Asian Financial Crisis
Chapters

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II  Thematic Chapter: ASEAN+3 Region 20 Years after the Asian Financial Crisis
AREO 2017: Contents

Chapters

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Regional Growth Outlook

Amid the external uncertainties, regional growth will continue to be driven by domestic demand. Growth is anticipated to moderate slightly, but sustained around 5 percent in 2017-18

AMRO’s Baseline Growth and Inflation Projections

<table>
<thead>
<tr>
<th>Region</th>
<th>‘16</th>
<th>‘17 p/</th>
<th>‘18 p/</th>
</tr>
</thead>
<tbody>
<tr>
<td>China</td>
<td>6.7</td>
<td>6.5</td>
<td>6.3</td>
</tr>
<tr>
<td>Japan (FY)</td>
<td>1.4</td>
<td>1.3</td>
<td>1.1</td>
</tr>
<tr>
<td>Korea</td>
<td>2.8</td>
<td>2.5</td>
<td>2.6</td>
</tr>
<tr>
<td>ASEAN-4 &amp; VN</td>
<td>5.0</td>
<td>5.1</td>
<td>5.2</td>
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<tr>
<td>BCLM</td>
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<td>6.8</td>
</tr>
<tr>
<td>HK &amp; SG</td>
<td>2.0</td>
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<td>ASEAN+3</td>
<td><strong>5.3</strong></td>
<td><strong>5.2</strong></td>
<td><strong>5.1</strong></td>
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</tbody>
</table>

p/ Projections
Source: National authorities, AMRO
The recent recovery in global trade, if sustained, could provide some upsides to regional exports and growth.

Note: ASEAN excludes BCLM economies
Source: National Authorities
China Outlook

In China, the economy posted a relatively high growth in Q1 2017. Private investment is also firming, reflecting the pick-up in domestic economic activities, alongside an improvement in corporate profits.

Source: NBS, AMRO
Concerns about China’s capital outflows have eased recently, partly reflecting the strengthened capital flows management which helped in containing RMB exchange rate volatility.
Japan Outlook

In Japan, growth is expected to remain strong in 2017, higher than the potential growth rate, while achieving the price stability target of 2.0 percent remains challenging.

Japan: Real GDP Growth

Japan: Inflation and Price Stability Target

Source: Cabinet Office, JMOF, BOJ, AMRO

Projections
### Spillover Analysis (Shocks from 1% sustained decrease (or increase) in U.S.’ & China’s real & financial variables), Preliminary

1. **Real Sector Shocks**

<table>
<thead>
<tr>
<th>1% Sustained Decline in Real GDP Growth</th>
<th>Mean Impact on Regional EMs (Cumulative, 36 months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 1% sustained decline in U.S.’ real GDP growth</td>
<td>Impact on growth ➔ -0.11 ppts</td>
</tr>
<tr>
<td>• 1% sustained decline in China’s real GDP growth</td>
<td>Impact on growth ➔ -0.75 ppts, Impact on nominal export growth (in local currency) ➔ -1.35 ppts</td>
</tr>
</tbody>
</table>

2. **Financial Sector Shocks**

<table>
<thead>
<tr>
<th>1% Sustained Increase in Expected Default Frequency (EDF)</th>
<th>Mean Impact on Regional EMs (Cumulative, 12 months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banking Sector Shocks</td>
<td>➔ +0.11 ppts (Impact on Regional Banks’ EDF) ➔ +0.25 ppts (Impact on Regional Banks’ EDF)</td>
</tr>
<tr>
<td>• U.S.’ banking sector soundness</td>
<td>• China’s banking sector soundness</td>
</tr>
<tr>
<td>Corporate Sector Shocks</td>
<td>➔ +0.11 ppts (Impact on Regional Banks’ EDF) ➔ +0.12 ppts (Impact on Regional Corporates’ EDF)</td>
</tr>
<tr>
<td>• China’s corporate sector soundness</td>
<td></td>
</tr>
</tbody>
</table>

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Note: Expected Default Frequency (EDF) is a measure of the probability that a firm will default over a specified period of time (typically one year). “Default” is defined as failure to make scheduled principal or interest payments. According to the Moody’s EDF model, a firm defaults when the market value of its assets (the value of the ongoing business) falls below its liabilities payable (the default point). The firm level EDFs are aggregated to form EDFs at the sectoral and country level. Source: AMRO
Financial markets have been largely stable, with the resumption of capital inflows, although risks remain tilted to the downside, mainly from global policy uncertainties.
So far, talks about U.S. fiscal stimulus and concerns about foreign capital flowing back to the U.S. have not translated into sustained increase in local currency sovereign bond yields.
**Risks Spotlight: Financing Risks**

Potential escalation of global uncertainties could amplify the financial stability risks of regional economies (sovereigns and non-financial corporates (NFCs) with large external financing needs, given the rising cost of borrowing ahead.

**Baseline Current Account Projections**

<table>
<thead>
<tr>
<th>% of GDP</th>
<th>Plus-3 &amp; SG</th>
<th>ASEAN-4 &amp; BN</th>
<th>CLMV</th>
</tr>
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<tr>
<td>10</td>
<td>8</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>8</td>
<td>6</td>
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<td>4</td>
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</tr>
<tr>
<td>4</td>
<td>2</td>
<td>0</td>
<td>-2</td>
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<td>2</td>
<td>0</td>
<td>-2</td>
<td>-4</td>
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<tr>
<td>0</td>
<td>-2</td>
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<td>-6</td>
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<td>-2</td>
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<tr>
<td>-4</td>
<td>-6</td>
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</tr>
<tr>
<td>-6</td>
<td>-8</td>
<td>-10</td>
<td>-12</td>
</tr>
</tbody>
</table>

Note: The data includes non-financial corporations and financial corporations. Regional Asia EM in the sample includes China, Hong Kong, China; Indonesia, Malaysia, Singapore, Korea, and Thailand.

**Maturity Profile of Regional NFC Debt**

Source: National Authorities, World Bank, IIF, AMRO
Risks Spotlight: Turning of the Credit Cycle

Rising cost of borrowing could pose vulnerabilities to some regional economies where private sector credit to GDP ratio has increased significantly since 2008.

U.S.: Average Daily Fed Funds Effective Rate (Implicit for December 2017)

Private Sector Credit-to-GDP Ratio (Selected Economies)

Note: Private sector credit refers to loans and advances extended by the banking system to non-financial companies and households. Source: National Authorities, World Bank, Bloomberg.
The region’s reserve buffers remain adequate by conventional metrics, although policy room has generally narrowed/constrained across the region.
Suggested Policy Consideration

Some policymakers will face a sharper trade-off between growth and financial stability objectives, at a time when policy space has narrowed/constrained

Monetary Policy / Macroprudential Policy

- Tightening global monetary conditions in 2017 and rising inflation will constrain regional economies’ use of monetary policy to support growth.
- Constraints most apparent where financial vulnerabilities have built up.
- Targeted macroprudential policy measures can help to safeguard financial stability.

Headline Inflation

- Projection
Source: National Authorities, AMRO
Fiscal conditions are expected to remain generally tight due to revenue shortfalls in some economies, with debt-to-GDP ratio edging higher. In economies with weaker fiscal position, reprioritizing and rebalancing existing expenditure programs should be the first steps pursued.
On structural developments, the region has become an important source of final demand, benefiting from the growing regional integration, and rising middle class in China, which can cushion the impact of potential protectionist threats.
Developing ASEAN economies have also benefited from the deepening of intra-regional investment, reflecting the recycling of domestic savings to productive investment in the region.
AREO 2017: Contents

Chapters

I
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Thematic Chapter: ASEAN+3 Region 20 Years after the Asian Financial Crisis
2017 marks twenty years after the Asian Financial Crisis (AFC), a landmark event in the ASEAN+3 region.

**20 Years post-AFC**

- Shaped the subsequent foundations and trajectory of economic growth and regional integration
- Shaped policymakers’ perspectives on crisis management and resolution
  - Highlighted the urgent need for regional financial cooperation
    - CMI (2000-09), CMIM (2010 onwards)
    - Establishment of AMRO as independent macroeconomic surveillance unit supporting the CMIM (2011)

Source: AMRO
First Decade Post-AFC: Rebuilding Foundations

- Period of economic consolidation after a sharp negative shock
- Painful policy adjustments in exchange rate regimes, corporate and financial sector reforms, fiscal consolidation, and reforms in prudential regulation
- Policy adjustments enabled the affected economies to rebuild the foundations for economic growth, with exports leading the recovery

Source: National Authorities, AMRO
2007 – 2016: Rebalancing and Leveraging Regional Integration

- Openness to trade, FDI and capital flows post-AFC enabled the region (esp. CLMV economies) to reap the benefits from growing regional integration and the emergence of China.
- Increased intra-regional financial flows have eased the ASEAN+3 region’s rebalancing from export-led to domestic-led demand.

### Plus-3 and ASEAN shares of FDI inflows to CLMV

<table>
<thead>
<tr>
<th>Host</th>
<th>Source</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
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<td>ASEAN-4 &amp; SG</td>
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<td>11.2</td>
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<td>Lao PDR</td>
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<td>7.0</td>
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<td>1.4</td>
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<td></td>
<td>ASEAN-4 &amp; SG</td>
<td>4.7</td>
<td>11.8</td>
<td>7.6</td>
</tr>
<tr>
<td>Myanmar</td>
<td>China</td>
<td>30.2</td>
<td>7.5</td>
<td>1.9</td>
</tr>
<tr>
<td></td>
<td>Japan</td>
<td>1.4</td>
<td>4.0</td>
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<td></td>
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<td>1.3</td>
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<tr>
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<td>ASEAN-4 &amp; SG</td>
<td>44.6</td>
<td>69.8</td>
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<td>Vietnam</td>
<td>China</td>
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<td></td>
<td>Japan</td>
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<td>ASEAN-4 &amp; SG</td>
<td>23.0</td>
<td>16.4</td>
<td>17.6</td>
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</table>

Source: ASEANstats
Capital Inflows Post-GFC

Eased rebalancing towards domestic demand, but posed risks to financial stability

- Financial vulnerabilities: credit growth, asset price inflation, leverage
- Amplifies pro-cyclicality of financial cycle and volatility, especially with lack of depth in financial markets in EMs

Policy response

- Pragmatic and robust use of policy tools, including macroprudential measures
  - Macroprudential policies
  - Capital flow management measures
  - FX interventions + greater flexibility in exchange rates

Source: AMRO, IMF
In the current uncertain global environment, the AFC continues to offer valuable lessons to policymakers.

I. Focus on risks arising from financial markets and capital outflows (inter-connectedness and contagion risks)

II. Flexible and responsive policy framework, and strengthening of buffers

III. Greater financial cooperation within the region to deal with external shocks.
Looking Ahead: Challenges

- Short term macroeconomic & risks management
- Strengthening regional financial safety net
- Accelerating structural reforms (e.g. raising TFP to avoid growth from reaching stalling speeds)

Note: Data for Myanmar are not available
Source: World Bank
Singapore’s Experience

- Singapore weathered the AFC relatively well. The economic fundamentals were sound with large current account and fiscal account surplus.
- However, Singapore did not escape the fallout from the regional crisis, and GDP declined during AFC.

Source: CEIC
Singapore’s Experience

- SGD fell against the USD but rose against regional currencies. SGD’s appreciation against the regional currency posed a challenge in cost competitiveness.
- Asset price fell, hurting corporate, households and the financial institutions.

Source: CEIC
Singapore’s Experience

• Singapore’s policy response to the crisis is not to reject globalization and liberalizations, but to undertake further reforms and restructuring to ensure international competitiveness.

• **Managed exchange rate system:** Following the outbreak of the crisis, the MAS took steps to ease its monetary policy somewhat to cushion the rapidly decelerating Singapore economy.

• **Fiscal and cost-cutting measures:** Singapore adopted a more expansionary fiscal policy in FY 1998, including a number of off-budget packages of cost cutting and stimulus measures, such as substantial wage cuts, CPF cuts, cuts in land and rental costs and in government user charges. There was also more public investment expenditures and tax rebates. It is pragmatic and kept Singapore competitive and kept jobs.

• **Stick to openness and long term economic restructuring:** Singapore’s fundamental approach towards economic development remained unchanged, with continuing reliance on market forces, allowing free capital flows and foreign investments. At the same time, it continued to promote education and training, encouraging new investments and liberalization of the financial sector in the long term.
1. Regional growth to be sustained about 5% in 2017-18.

2. Near term outlook for the region turned somewhat brighter, although risks are tilted to the downside, from tightening global financial conditions, trade protectionism and global policy uncertainties.

3. In China, growth is expected to moderate in 2017-18, projected at 6.5% and 6.3%, respectively. Private investment activities have notably picked up recently, alongside improvement in corporate profits.

4. Some policymakers will face a sharper trade-off between growth and financial stability objectives, at a time when policy space has narrowed/constrained.

5. AFC shaped policymakers’ perspectives on crisis management and resolution – AMRO and CMIM established. Post-AFC, policy attention shifted to capital flows and contagion risks – the need for flexible policy framework.

6. Enhanced financial cooperation in ASEAN+3 will improve the resilience against shocks, allowing the region to sustain relatively strong growth.
Thank You

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