PwC M&A 2012 Review and 2013 Outlook

30 January 2013 (updated 11 April 2013)

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PwC China Tax and Business Advisory Services Partner: Jeremy Ngai
Overview
### Overall 2012 China M&A decreased 26% by volume and 9% by value, with only Outbound deals showing growth (in value terms); we expect mainland China M&A activity to rebound in all sectors in 2013, with Outbound activity continuing to grow especially strongly

#### Total deal volume and value, from 2008 to 2012

<table>
<thead>
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</thead>
<tbody>
<tr>
<td><strong>Strategic buyers</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Domestic</td>
<td>3,006</td>
<td>2,774</td>
<td>2,947</td>
<td>3,262</td>
<td>2,667</td>
<td>-18%</td>
<td>-25%</td>
</tr>
<tr>
<td>Foreign</td>
<td>614</td>
<td>409</td>
<td>539</td>
<td>482</td>
<td>286</td>
<td>-41%</td>
<td>-47%</td>
</tr>
<tr>
<td>Total</td>
<td>3,620</td>
<td>3,183</td>
<td>3,486</td>
<td>3,744</td>
<td>2,953</td>
<td>-21%</td>
<td>-28%</td>
</tr>
<tr>
<td><strong>Financial buyers</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private Equity</td>
<td>365</td>
<td>254</td>
<td>425</td>
<td>502</td>
<td>332</td>
<td>-34%</td>
<td>-27%</td>
</tr>
<tr>
<td>VC</td>
<td>694</td>
<td>712</td>
<td>1,011</td>
<td>903</td>
<td>473</td>
<td>-48%</td>
<td>-48%</td>
</tr>
<tr>
<td>Total</td>
<td>1,059</td>
<td>966</td>
<td>1,436</td>
<td>1,405</td>
<td>805</td>
<td>-43%</td>
<td>-28%</td>
</tr>
<tr>
<td><strong>China mainland Outbound</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>SOE</td>
<td>27</td>
<td>45</td>
<td>64</td>
<td>48</td>
<td>48</td>
<td>0%</td>
<td>20%</td>
</tr>
<tr>
<td>POE</td>
<td>99</td>
<td>99</td>
<td>124</td>
<td>158</td>
<td>143</td>
<td>-9%</td>
<td>171%</td>
</tr>
<tr>
<td>Total</td>
<td>126</td>
<td>144</td>
<td>188</td>
<td>206</td>
<td>191</td>
<td>-7%</td>
<td>54%</td>
</tr>
<tr>
<td><strong>HK Outbound</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>156</td>
<td>152</td>
<td>171</td>
<td>184</td>
<td>167</td>
<td>-9%</td>
<td>-8%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>4,961</td>
<td>4,445</td>
<td>5,281</td>
<td>5,539</td>
<td>4,116</td>
<td>-26%</td>
<td>-11%</td>
</tr>
</tbody>
</table>

Source: ThomsonReuters, ChinaVenture and PwC analysis
Deal volumes decreased across all major categories...

Deal volume by main category

Source: ThomsonReuters, ChinaVenture and PwC analysis
... But mainland China Outbound deal values grew by 54% and now comprise more than a third of overall M&A activity measured by value, by far the highest proportion ever.

Deal value by main category

Source: ThomsonReuters, ChinaVenture and PwC analysis
Strategic buyers
Both Domestic and Foreign-Inbound Strategic buyer deal activity fell to their lowest levels in the last five years with declines greater than those seen after the global financial crisis; we think activity will rebound in 2013 as the direction of the Chinese economy becomes clearer, industry consolidation accelerates, domestic leadership changes take effect, and foreign economies start to emerge from their stressed states.
Nearly all industry sectors posted declines, both in terms of volumes ...

Strategic buyer deal volume by industry sector

Source: ThomsonReuters, ChinaVenture and PwC analysis
... And values

Strategic buyer deal value by industry sector

US$ billion

2008
2009
2010
2011
2012

Raw Materials
High Technology
Financial Services
Real Estate
Industrials
Consumer Related
Energy and Power
Others

Source: ThomsonReuters, ChinaVenture and PwC analysis
Japan remains the most active Foreign-Inbound M&A investor for the second year running, but we saw several deals put on hold in the second half year of the year in response to the Diaoyu Islands crisis; US and European deal numbers have steadily declined since their 2010 high ...

Foreign strategic buyer deal volume by region of origin

Source: ThomsonReuters, ChinaVenture and PwC analysis
... However, the biggest deals are still coming from US and European buyers; we expect Foreign-Inbound deal activity to rebound 2013 as European and US economies start to recover allowing MNCs to deploy cash reserves with greater confidence, implementing their China market entry or growth strategies.

Foreign strategic buyer deal value by region of origin

Source: ThomsonReuters, ChinaVenture and PwC analysis
PE/VC deals
**PE and VC fundraising for China investment in 2012 trailed 2011's record levels by less than we expected; however, if we look closer we see much fewer individual fund raisings but there were some large funds raised by many of the leading and established PEs including KKR ($6bn), PAG ($2.5bn), Hony ($2.4bn), Bain ($2.3bn) and Fountainvest ($1.4bn); there will be winners and losers in the sector - high quality, professional PEs will thrive, but the bubble is already bursting for many of the plethora of renminbi funds raised over the last few years.**

**PE/VC fund raising for China investment**

*Excludes global funds investing in China*

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**Source:** AVCJ and PwC analysis

PwC
2012 was a poor year for PE deal numbers, though deal sizes are trending upwards; we think that deal volumes will recover starting from 2Q of 2013 and average deal sizes will continue to trend upwards; however, within China, the days where PEs could throw money at deals and expect a “rising tide to float all boats” have gone; careful and professional diligence is vitally important; fraud risk is high; PEs should be prepared to walk away from opportunities if sellers will not accommodate diligence.
**PEs tend to target industries that are “on strategy” for China, including consumer-linked, healthcare, media and entertainment, technology, and service industries**

### PE deal volume by industry sector

<table>
<thead>
<tr>
<th>Year</th>
<th>Consumer related</th>
<th>Healthcare</th>
<th>Media and Entertainment</th>
<th>Energy and Power</th>
<th>Infrastructure</th>
<th>Real Estate</th>
<th>Raw Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>77</td>
<td>40</td>
<td>60</td>
<td>33</td>
<td>50</td>
<td>45</td>
<td>20</td>
</tr>
<tr>
<td>2009</td>
<td>54</td>
<td>45</td>
<td>32</td>
<td>32</td>
<td>50</td>
<td>45</td>
<td>20</td>
</tr>
<tr>
<td>2010</td>
<td>98</td>
<td>34</td>
<td>31</td>
<td>47</td>
<td>47</td>
<td>45</td>
<td>30</td>
</tr>
<tr>
<td>2011</td>
<td>124</td>
<td>54</td>
<td>72</td>
<td>30</td>
<td>47</td>
<td>45</td>
<td>46</td>
</tr>
<tr>
<td>2012</td>
<td>73</td>
<td>32</td>
<td>42</td>
<td>46</td>
<td>45</td>
<td>45</td>
<td>30</td>
</tr>
</tbody>
</table>

Source: Thomson Reuters, ChinaVenture and PwC analysis
Growth capital deals predominate, but PIPE (private investment in public equity) deals are important and we are seeing a buy-out market starting to emerge; we expect the nascent trend towards buy-outs to strengthen over the medium term.

PE deal value by type

Source: ThomsonReuters, ChinaVenture and PwC analysis
If we look at the same statistics in terms of deal volumes (rather than values) the dominance of growth capital is very evident; PE has emerged as a key provider of capital to the liquidity starved private sector of the economy in China with real policy support - this demand for capital is driving strong market growth and activity.

**Source:** ThomsonReuters, ChinaVenture and PwC analysis
The PE industry in China is notable in that most exits have been by IPO; predictably, there has been a significant decline in 2012; there is a growing pipeline of future exits, perhaps more than the market can handle – this will be a challenge for the PE industry over the next few years.
PE backed IPOs in offshore markets such as HK and New York in 2012 were the lowest in the last three years; we think that PE backed IPO activity must increase markedly in the short to medium term when capital markets return to normal functioning; the domestic A-share markets has been and will continue to be an important exit route for PE despite its many challenges

**PE/VC backed IPO exit volume by bourse**

Source: AVCJ and PwC analysis
Overall, there is a huge overhang of Chinese PE and VC-backed enterprises waiting to come to market either by IPO or by M&A exit; the industry as a whole is moving into “exit phase” and the backlog of exits represents a real challenge; it is more than IPO markets can absorb, and trade and secondary sales by M&A will become more frequent; the quantum step-up in exit activity will be a key driver of future activity from this sector.
China mainland outbound
Although deal volumes surprisingly showed a small decline, China Outbound deal values grew by 54% to reach a new record high of US$65.2 billion; we see many more deals in the pipeline and expect this growth trend to continue strongly with another record year in 2013.

<table>
<thead>
<tr>
<th>Year</th>
<th>No.</th>
<th>Announced Deal Volume</th>
<th>Announce Deal Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>126</td>
<td>10.3</td>
<td>32.8</td>
</tr>
<tr>
<td>2009</td>
<td>144</td>
<td>188</td>
<td>41.0</td>
</tr>
<tr>
<td>2010</td>
<td>188</td>
<td>206</td>
<td>42.4</td>
</tr>
<tr>
<td>2011</td>
<td>206</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>191</td>
<td></td>
<td></td>
</tr>
<tr>
<td>01-02/2013</td>
<td>19</td>
<td>2.8</td>
<td></td>
</tr>
</tbody>
</table>

Source: ThomsonReuters, ChinaVenture and PwC analysis
We are seeing privately owned enterprises (POEs) taking on larger deal sizes; we think that private sector companies will be key drivers in the future growth of China Outbound M&A

China mainland outbound deals, from 2008 to 01-02/2013

Source: ThomsonReuters, ChinaVenture and PwC analysis
Although the state sponsored push to secure energy and resources is evident from deal value statistics ...

China mainland outbound deals by industry sector

– By value of deals (US$ billion), 2012 vs. 2011

Source: ThomsonReuters, ChinaVenture and PwC analysis
... The growing activity of private sector buyers in acquiring industrial technologies and consumer-linked businesses overseas is an important trend; many of these deals are aimed at bringing advanced western technologies, know-how, IP and brands back for use in the Chinese domestic market; we are also seeing some POEs using overseas M&A to go global in addition to concentrating on the domestic market.

China mainland outbound deals by industry sector
–By number of deals, 2012 vs. 2011

Source: ThomsonReuters, ChinaVenture and PwC analysis
The number of China Outbound deals greater than US$1 billion in 2012 remained broadly consistent with 2011

China mainland over US$ 1 billion outbound deal number

Source: ThomsonReuters, ChinaVenture and PwC analysis
Europe now challenges North America as the most important overseas destination for Chinese buyers; the importance of mature western markets reflects the search for advanced technologies and know-how; Asian deals have declined sharply, primarily due to a fall in Japan transactions from 16 in 2011 to just 3 in 2012.

Outbound M&A deal volume by region of destination 2012 vs. 2011

Source: Thomson Reuters and PwC analysis
PE is emerging as a player in Outbound deal activity; the TPGs and Bain Capitals of China will emerge to compete with their global peers; we are already seeing a step-up in Outbound M&A involving some of the pre-eminent Chinese PEs and the Outbound trend is happening much faster than many people predicted or even realise.

China mainland PE backed outbound deal volume by PE category

No.

Source: ThomsonReuters, ChinaVenture and PwC analysis
HK outbound
HK Outbound deal volume has been fairly stable over the last five years, but deal sizes tend to be smaller that those staged by mainland Chinese buyers, with fewer mega-deals.

HK outbound deals, from 2008 to 01-02/2013

Source: ThomsonReuters, ChinaVenture and PwC analysis
Mainland Chinese buyers accounted for eight out of the top 10 largest sized China and Hong Kong Outbound deals in 2012

<table>
<thead>
<tr>
<th>Announced date</th>
<th>Acquirer</th>
<th>Acquirer region</th>
<th>Target company</th>
<th>Target Sector</th>
<th>Target nation</th>
<th>Deal value (US$ billion)</th>
</tr>
</thead>
<tbody>
<tr>
<td>23-Jul</td>
<td>CNOOC</td>
<td>Mainland China</td>
<td>Nexon</td>
<td>Energy and Power</td>
<td>Canada</td>
<td>15.1</td>
</tr>
<tr>
<td>10-Sep</td>
<td>Haier</td>
<td>Mainland China</td>
<td>Fisher and Paykel Appliances</td>
<td>Consumer related</td>
<td>New Zealand</td>
<td>7.6</td>
</tr>
<tr>
<td>9-Dec</td>
<td>New China Trust Co Ltd, China Aviation Industrial Fund, P3 Investments Ltd</td>
<td>Mainland China</td>
<td>International Lease Finance</td>
<td>Industrials</td>
<td>United States</td>
<td>5.3</td>
</tr>
<tr>
<td>24-Jul</td>
<td>Cheung Kong Infrastructure</td>
<td>Hong Kong</td>
<td>MGN Gas Networks(UK)Ltd</td>
<td>Energy and Power</td>
<td>United Kingdom</td>
<td>3.0</td>
</tr>
<tr>
<td>20-May</td>
<td>Dalian Wanda Group Corp Ltd</td>
<td>Mainland China</td>
<td>AMC Entertainment Inc</td>
<td>Media and Entertainment</td>
<td>United States</td>
<td>2.6</td>
</tr>
<tr>
<td>19-Nov</td>
<td>Tiptop Energy Ltd</td>
<td>Mainland China</td>
<td>OML 138 Block</td>
<td>Energy and Power</td>
<td>Nigeria</td>
<td>2.5</td>
</tr>
<tr>
<td>3-Jan</td>
<td>Sinopec Intl</td>
<td>Mainland China</td>
<td>Devon Energy Corp-Assets</td>
<td>Energy and Power</td>
<td>United States</td>
<td>2.5</td>
</tr>
<tr>
<td>15-Jun</td>
<td>Hong Kong Exchanges and Clearing Ltd</td>
<td>Hong Kong</td>
<td>London MetalExchange Ltd</td>
<td>Financial Services</td>
<td>United Kingdom</td>
<td>2.1</td>
</tr>
<tr>
<td>3-May</td>
<td>Bright Food(Group)Co Ltd</td>
<td>Mainland China</td>
<td>Weetabix Ltd</td>
<td>Consumer related</td>
<td>United Kingdom</td>
<td>1.9</td>
</tr>
<tr>
<td>20-Jan</td>
<td>CIC</td>
<td>Mainland China</td>
<td>Thames Water PLC</td>
<td>Energy and Power</td>
<td>United Kingdom</td>
<td>1.8</td>
</tr>
</tbody>
</table>

Source: ThomsonReuters, ChinaVenture and PwC analysis
Key messages
Key messages (1 of 2)

Overall

- Overall 2012 China M&A decreased 26% by volume and 9% by value, with only Outbound deals showing growth (in value terms); we expect M&A activity to rebound in all sectors in 2013, with Outbound activity continuing to grow especially strongly

China Outbound

- Although China Outbound deal volumes surprisingly showed a small decline, deal values grew by 54% to reach a new record high of US$65.2 billion comprising more than a third of overall M&A activity measured by value, by far the highest proportion ever; we see many more deals in the pipeline and expect this growth trend to continue strongly with another record year in 2013

- We are seeing privately owned enterprises (POEs) taking on larger deal sizes; we think that private sector companies will be key drivers in the future growth of China Outbound M&A

- The growing activity of private sector buyers in acquiring industrial technologies and consumer-linked businesses overseas is an important trend; many of these deals are aimed at bringing advanced western technologies, know-how, IP and brands back for use in the Chinese domestic market; we are also seeing some POEs using overseas M&A to go global in addition to concentrating on the domestic market
**Key messages (2 of 2)**

**Domestic and Foreign-Inbound Strategic**

- Both Domestic and Foreign-Inbound Strategic buyer deal activity fell to their lowest levels in the last five years with declines greater than those seen after the global financial crisis.

- We think activity will rebound in 2013 as the direction of the Chinese economy becomes clearer, industry consolidation accelerates, domestic leadership changes take effect, and foreign economies start to emerge from their stressed states allowing MNCs to deploy cash reserves with greater confidence implementing their China market entry or growth strategies.

**Private Equity**

- In the PE sector there will be sharp consolidation across the industry, and the backlog of exits represents a real challenge for the sector.

- PE has emerged as a key provider of capital to the liquidity starved private sector of the economy in China with real policy support - this demand for capital is driving strong market growth and activity; there are exceptionally strong tailwinds for the PE industry in China over the medium term.

- We think new deal and exit activity will accelerate strongly from 2Q13 as pricing expectations adjust, 2012 results become available, IPO markets re-open, and China’s leadership transition takes effect.