

Changing Asian Gas Markets

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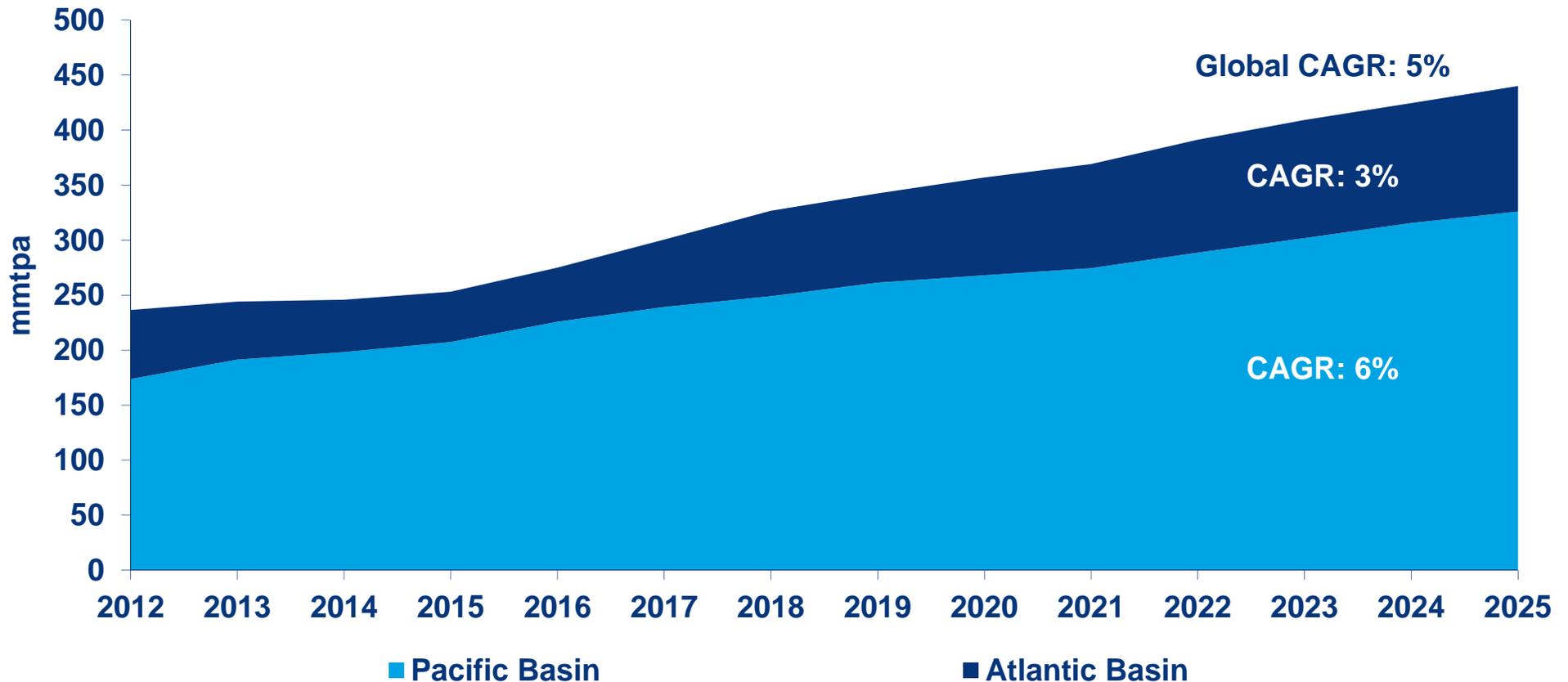


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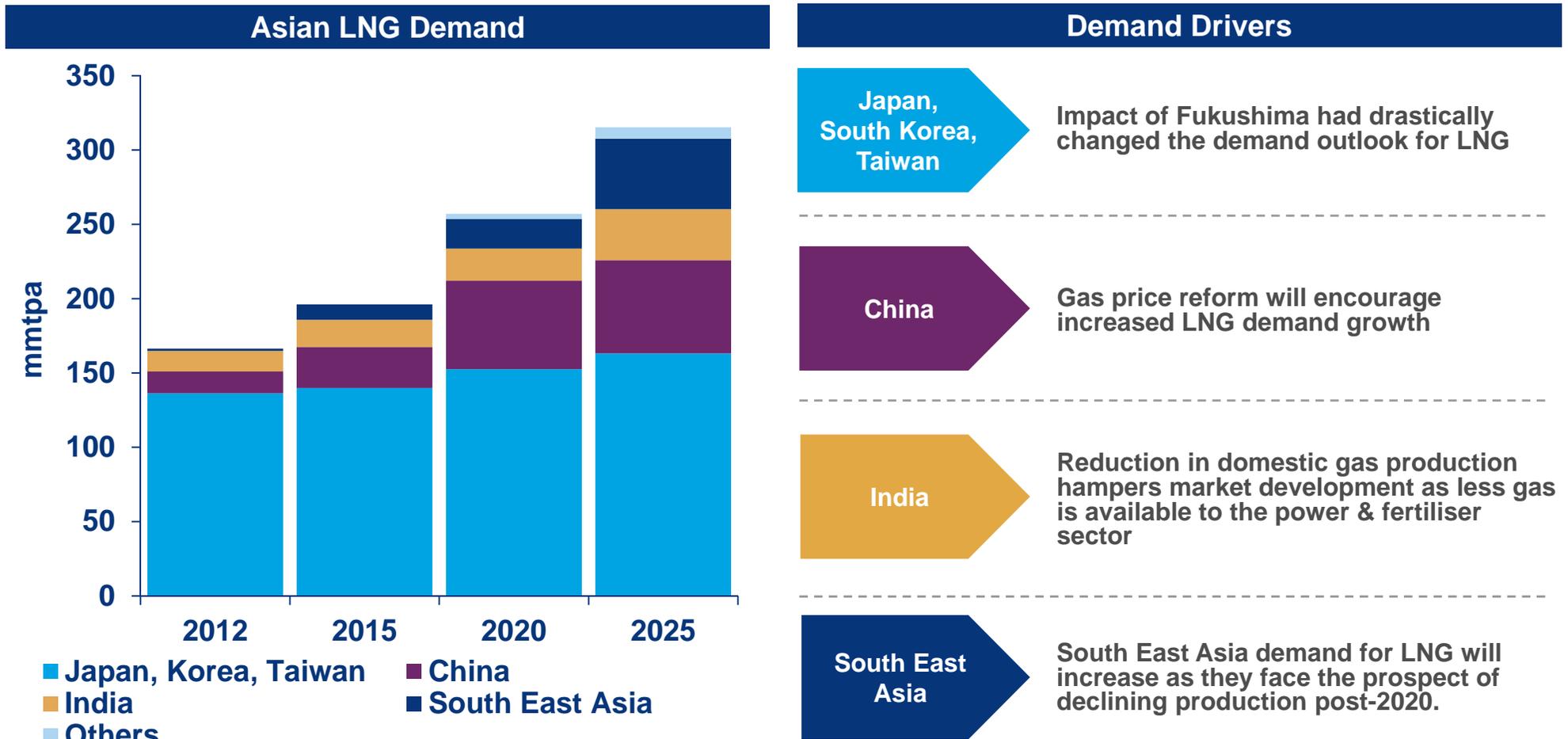
Global LNG demand growth is forecast to be robust, driven by the Pacific Basin

Global LNG Demand Forecast



Source: Wood Mackenzie LNG Tool Q1 2013

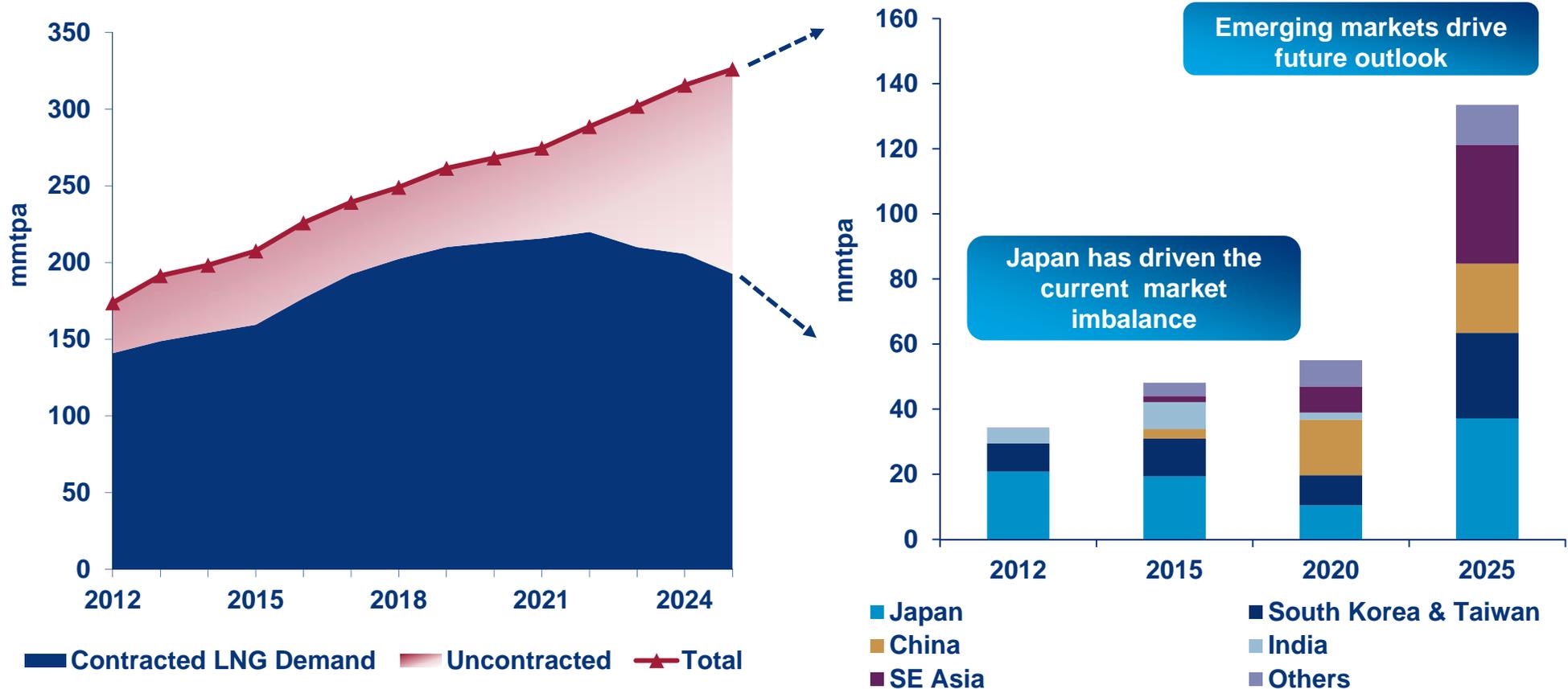
Pacific Basin LNG demand is characterised by strong growth and increased diversity from emerging markets



Source: Wood Mackenzie LNG Tool Q1 2013

Some of this demand is already covered by 'contracted' supplies

Pacific Basin Contracted and Uncontracted LNG Demand



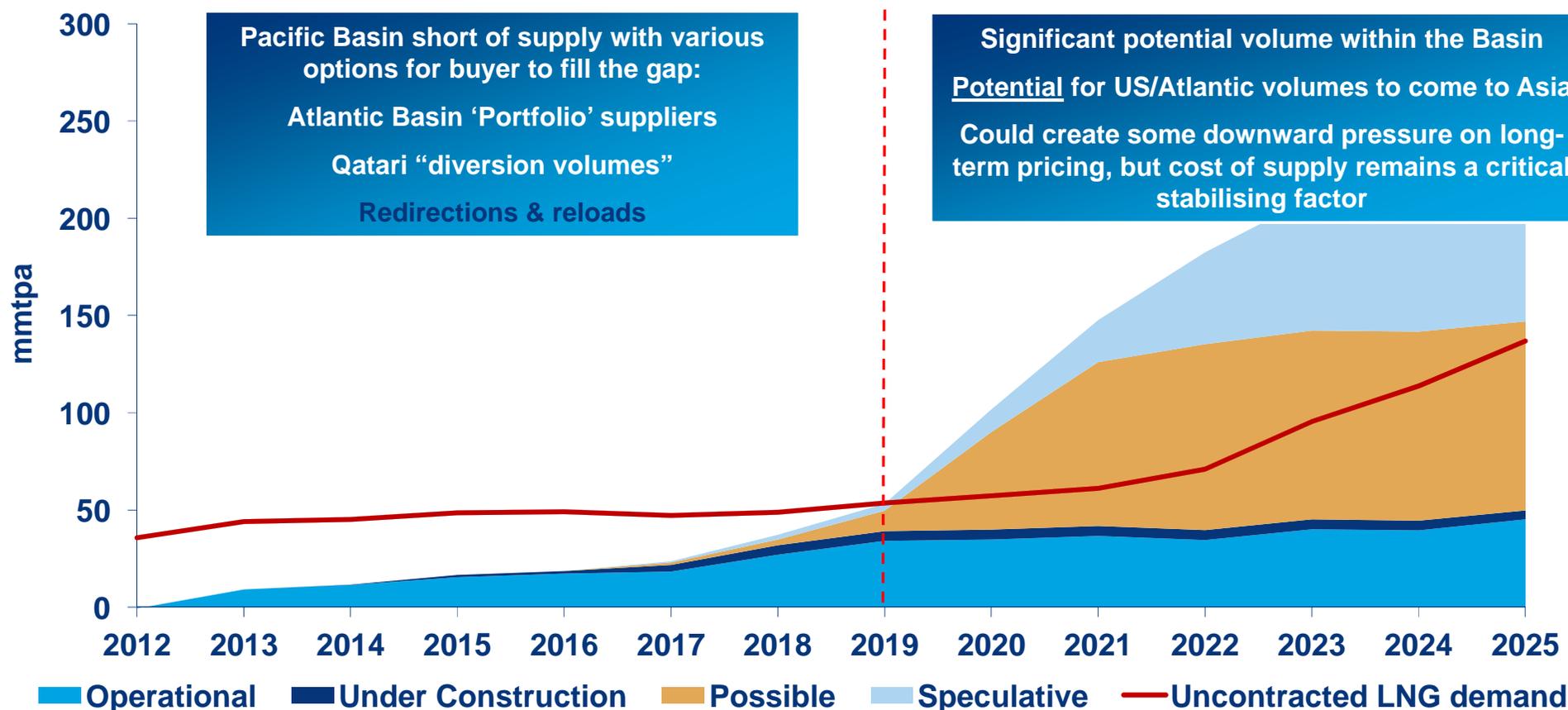
Source: Wood Mackenzie LNG Tool Q1 2013

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Near-term there is limited uncontracted supply available in the Pacific Basin, however this changes further out indicating two distinct market windows

Pacific Basin Uncontracted LNG Supply/Demand Balance

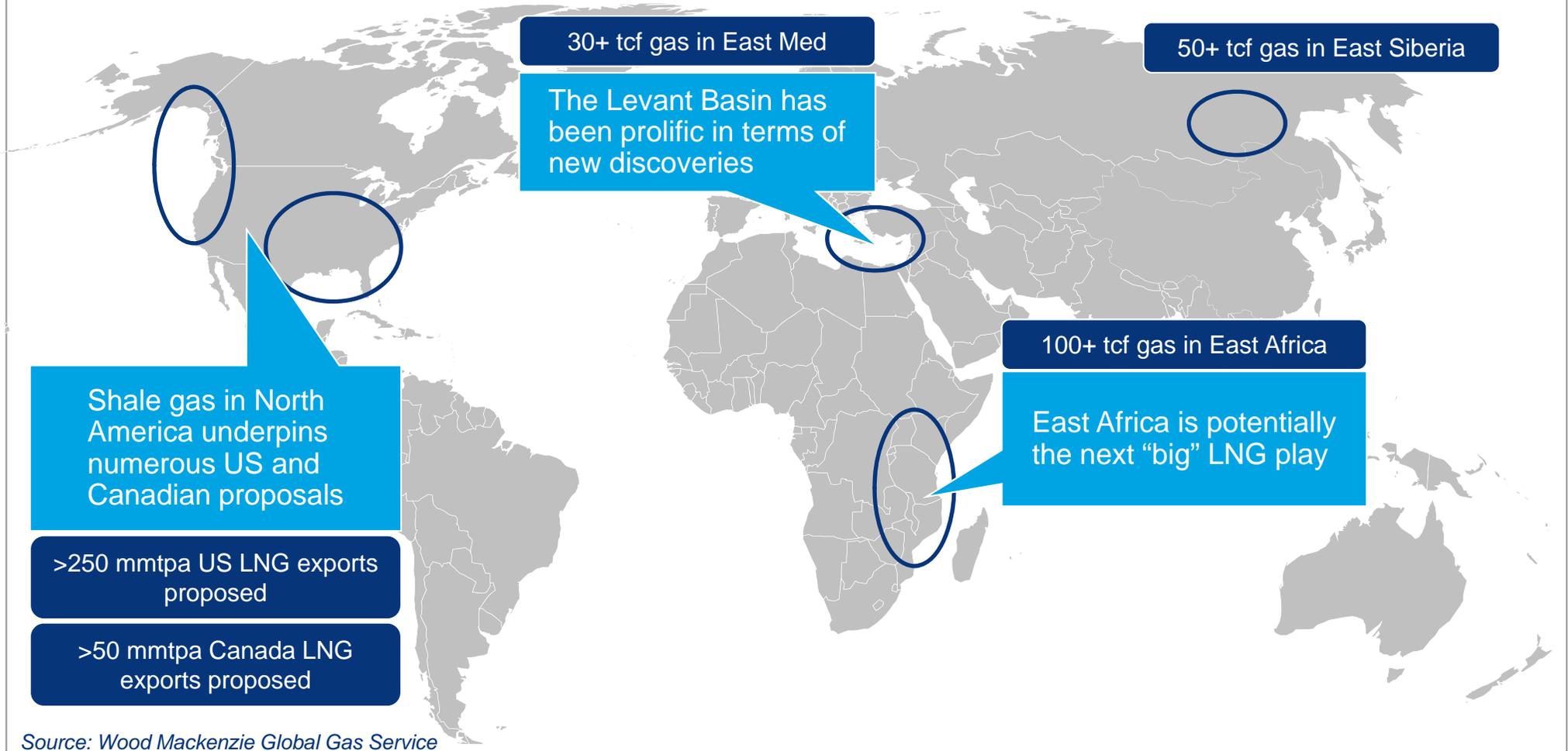


Excludes 'flexible' Qatari "diversion" volumes that are 'allocated' to the Atlantic Basin and any other Atlantic volumes

Source: Wood Mackenzie LNG Tool, Q1 2013

Significant gas discoveries around the world are paving the way for new entrants into the LNG club

Emerging LNG Supply Plays

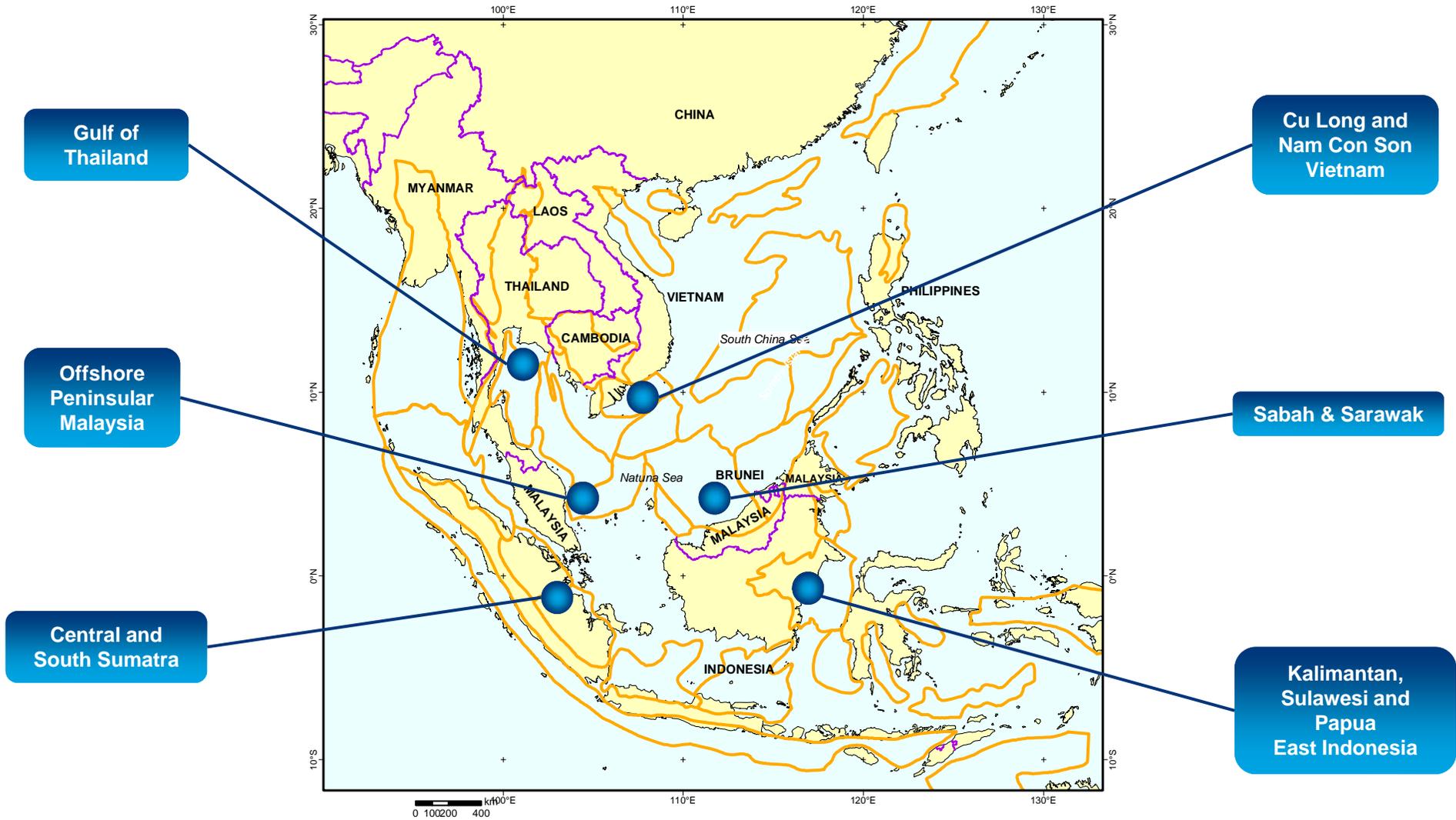


Source: Wood Mackenzie Global Gas Service

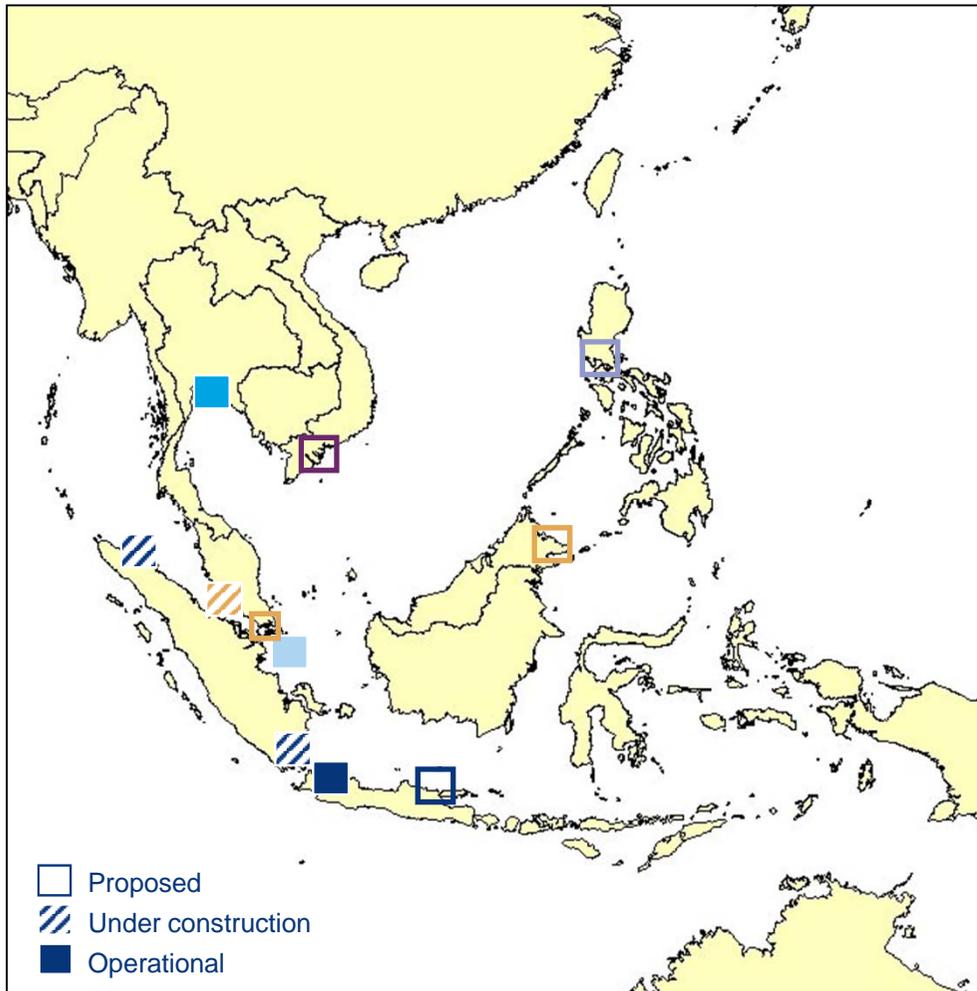
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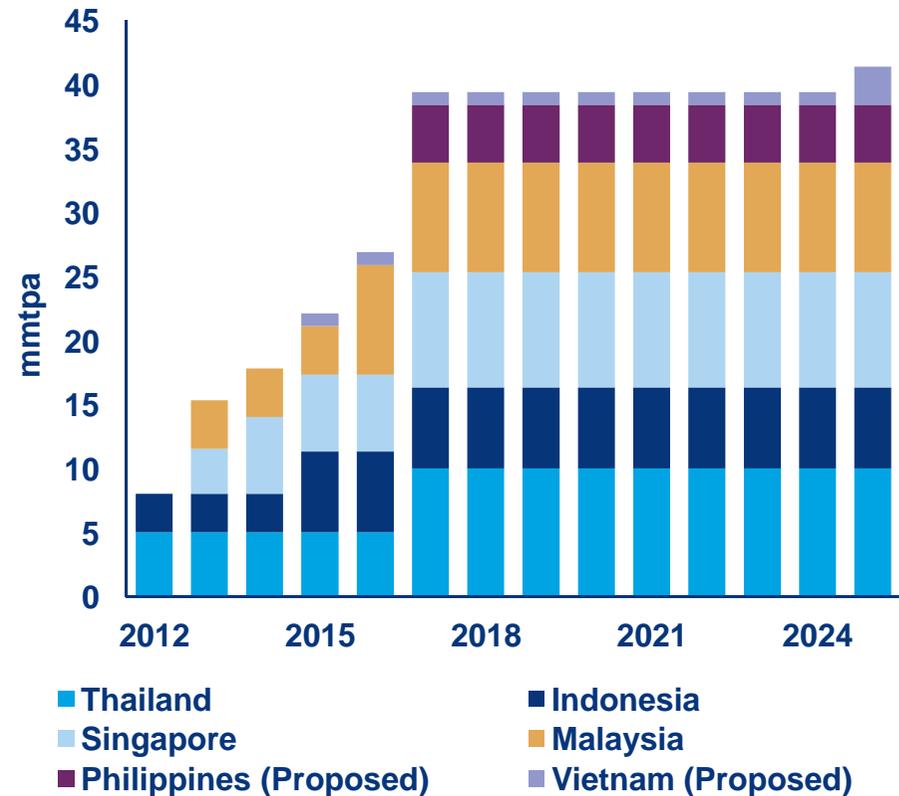
Majority of new gas discoveries in South East Asia are located far away from demand centres



South East Asia regasification terminals has taken off over the last few years



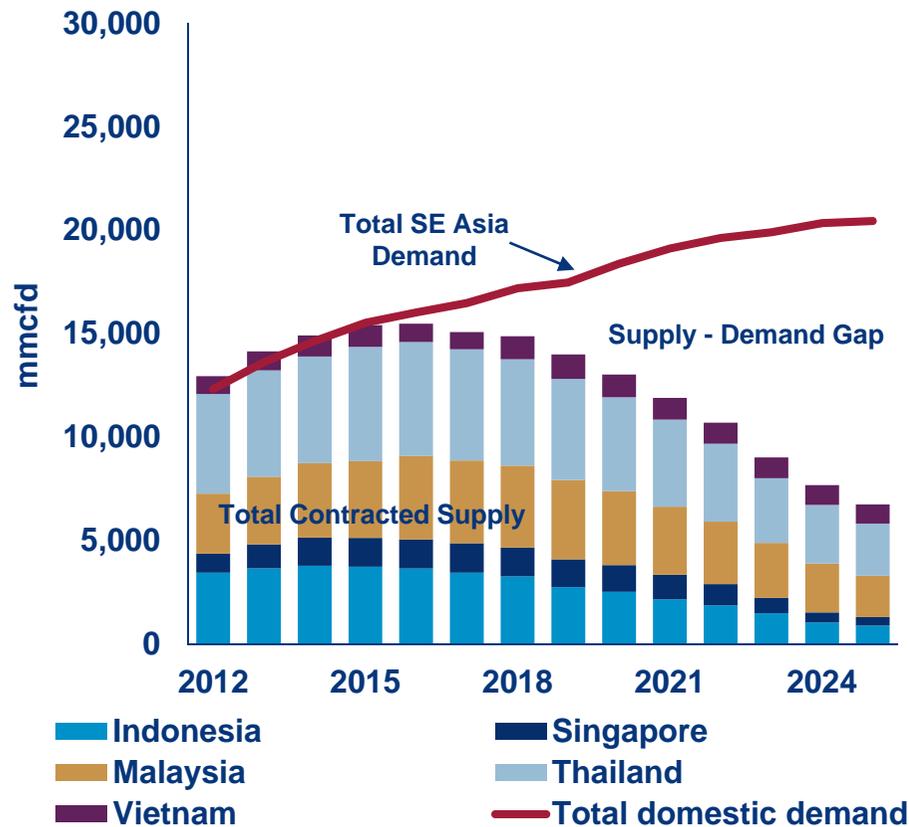
South East Asia Regasification Capacity



Source: Wood Mackenzie South East Asia Gas & Power Service

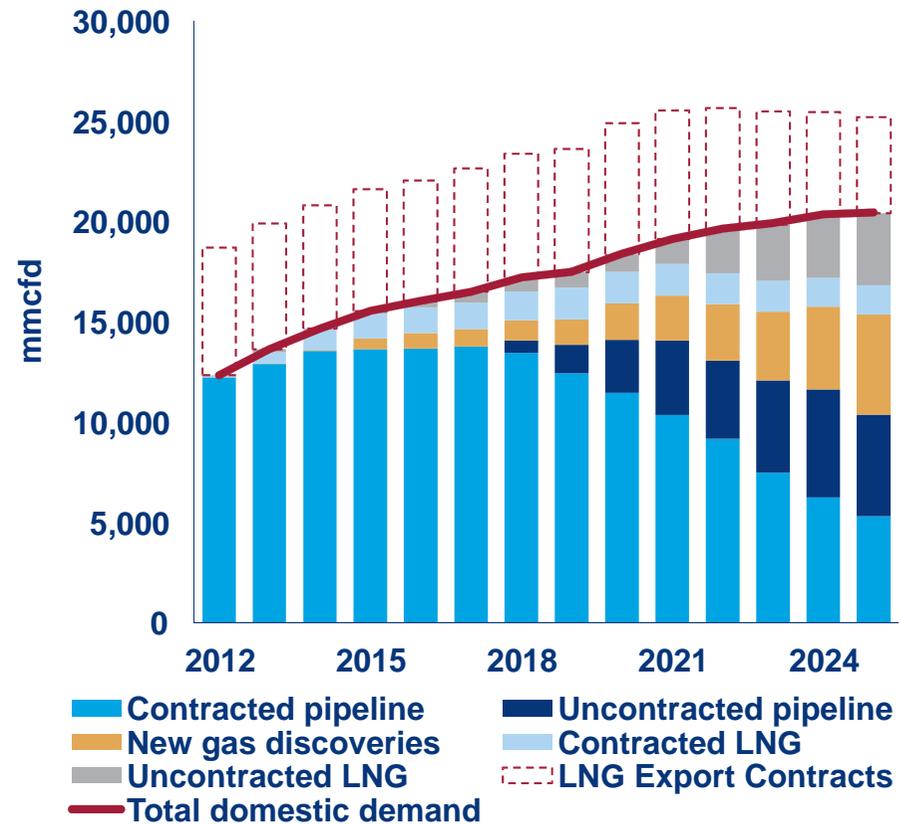
Resulting in the region exporting and importing LNG at the same time

Supply - Demand



Source: Wood Mackenzie SE Asia Gas & Power Service

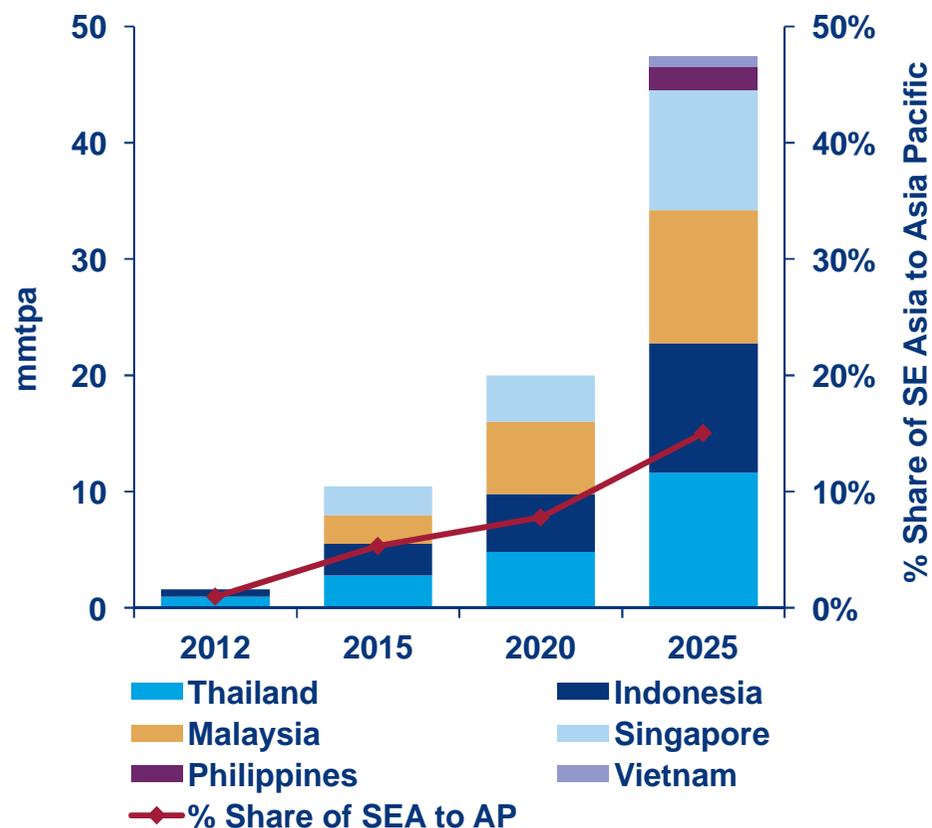
South East Asia Gas Balance



Source: Wood Mackenzie SE Asia Gas & Power Service

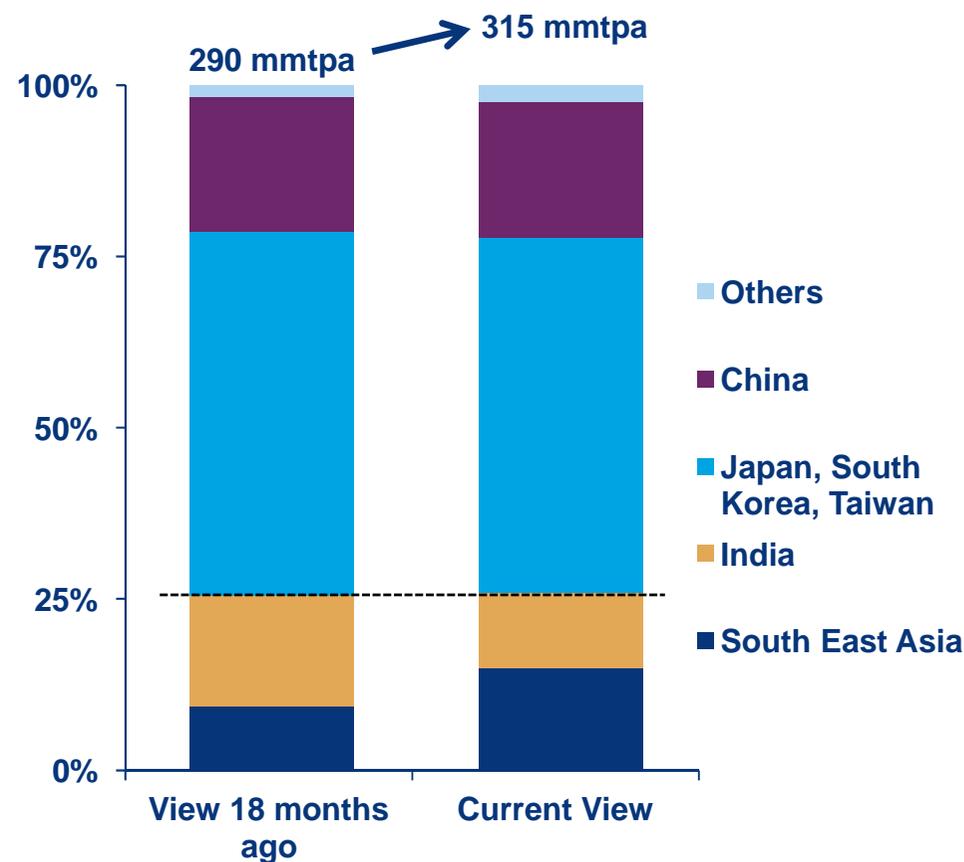
South East Asia will emerge as a major LNG market but governments need to take steps to reform gas prices

South East Asia LNG Demand Forecast



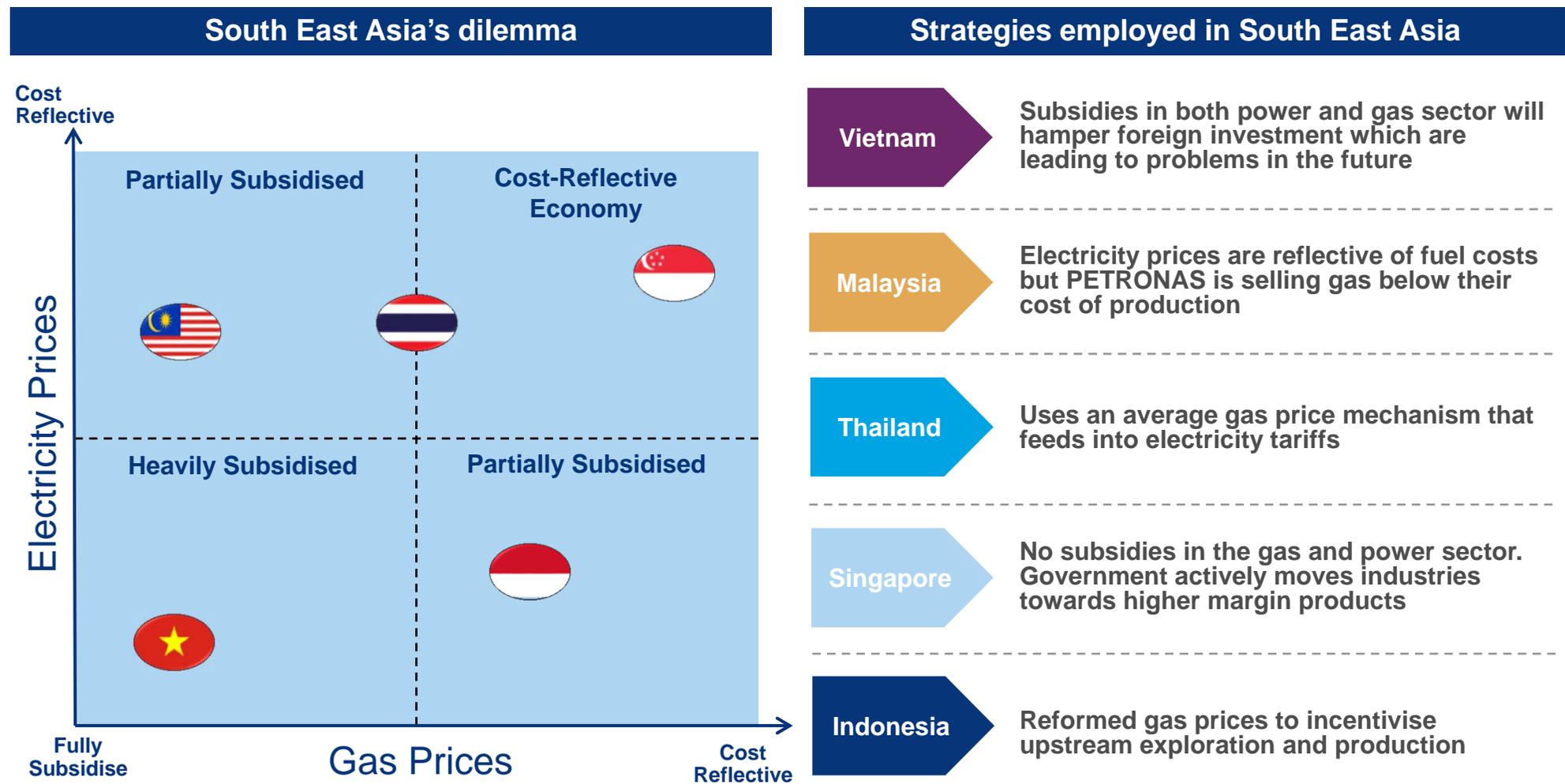
Source: Wood Mackenzie SE Asia Gas & Power Service

Asia LNG Market Share in 2025



Source: Wood Mackenzie LNG Tool

Governments will have to grapple with keeping prices affordable yet attracting investments in the energy sector



Source: Wood Mackenzie South East Asia Gas & Power Service

Conclusions

Summary and Conclusions

Global LNG demand growth is led by the Pacific Basin

Supply tightness experienced this decade will be eased beyond 2019 especially as US supply delivers

South East Asia will emerge as a major LNG demand centre as governments develop the import-export model

However, countries will need to balance LNG demand with keeping prices affordable

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