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KALLANISH ASIA STEEL MARKETS 2019

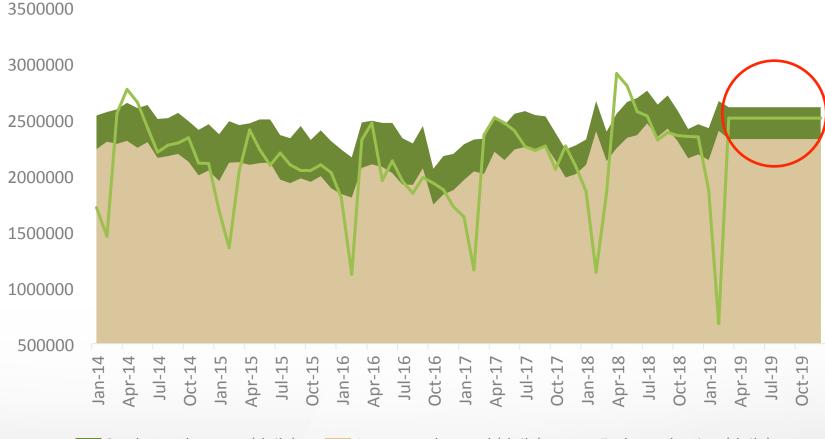
Tomas Gutierrez Asia Editor



Setting the scene for Kallanish ASM2019

- What's happening in China?
- Where does that leave SEAsia?
- What are the implications for global trade?
- What role will raw materials volatility play?

Source: NBS, Kallanish Unit: million tonnes/day



Crude steel output (daily)

Apparent demand (daily)

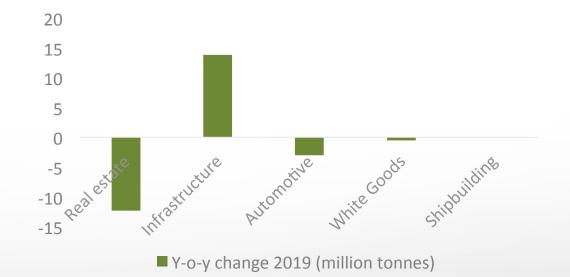
End user buying (daily)

Source: NBS, Kallanish Unit: million tonnes/day

	2017	2018 e	2019f
Consumer	9.5%	9.4%	9.2%
Corporate	56.3%	55.5%	54.4%
Govt	34.2%	35.0%	36.5%

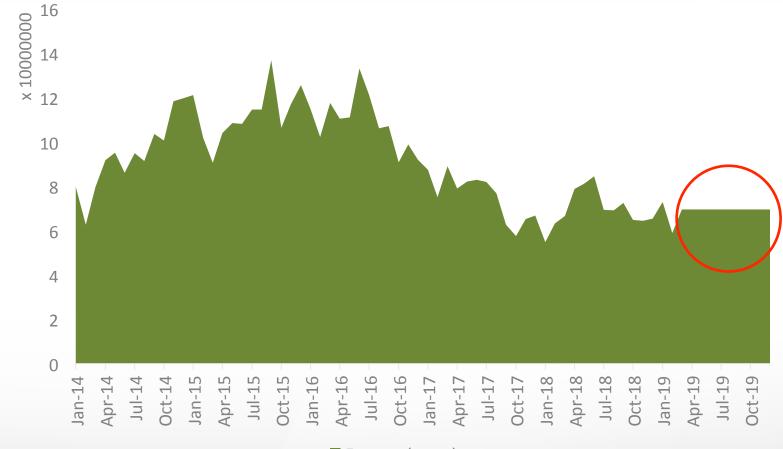
Proportion of demand generated by the state keeps growing while corporate and consumer sectors fade

Weak real estate and automotive sectors balanced out by strong infrastructure sector



- China's economy is slowing, but China is also fighting the slowdown
- A shift in urbanisation away from top tier cities means construction could remain at high levels for many years, if without the strong growth seen since 2000
- This is supported by looser household registration, a policy focus on investment in rural areas etc.
- But China's big picture problems remain. Weak demographics, poor local government finances, a heavy debt burden, a struggling private sector

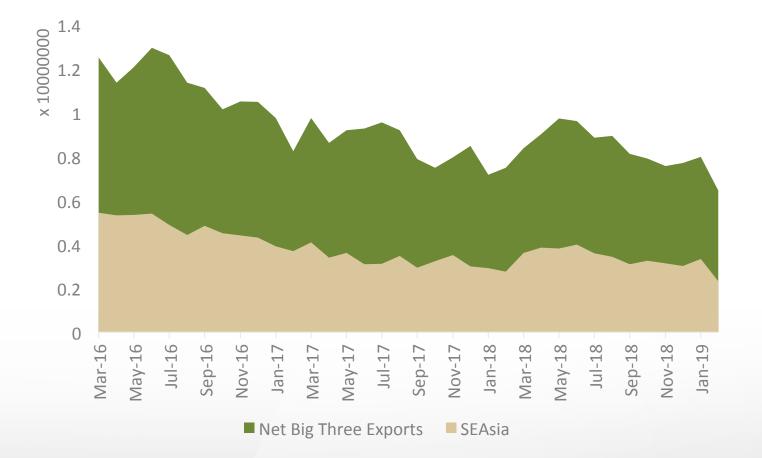
Source: Kallanish



Exports (mtpa)

Source: Chinese Customs, Kallanish

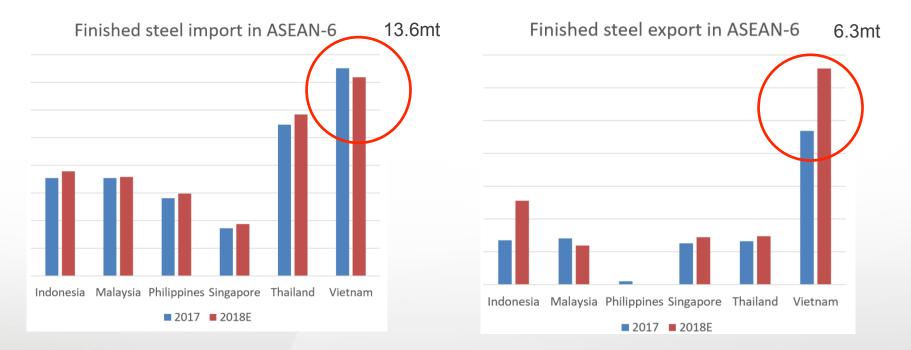
Export trends for the big3 2019



Source: Japan, Korea, China customs, Kallanish

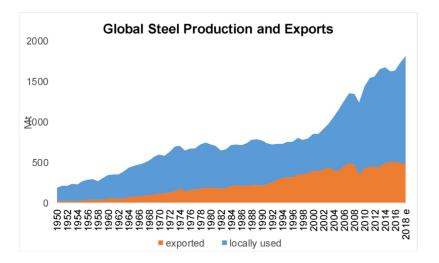
Where does that leave SEAsia?

- Combined big three exports to SEAsia increased 1.39% to 42.82mt in 2018
- Net big three exports to SEAsia fell 1.57% to 40.44mt on Indonesia stainless



Source: AISC, customs data

Is the global decline in steel trade ready to reverse?

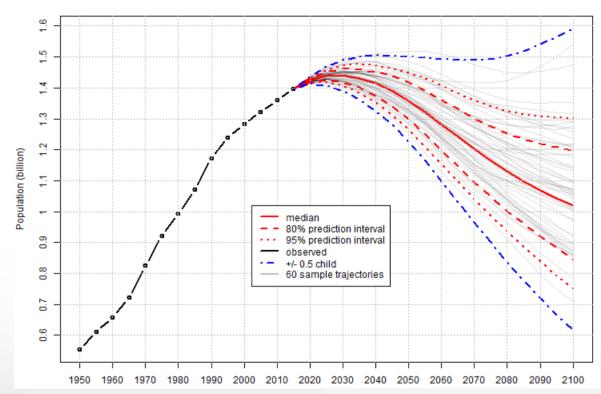


Output (and demand) grew faster than exports over 2000-2018

Because China's focus has been domestic, global exports as a share of production almost halved



Is the global decline in steel trade ready to reverse?



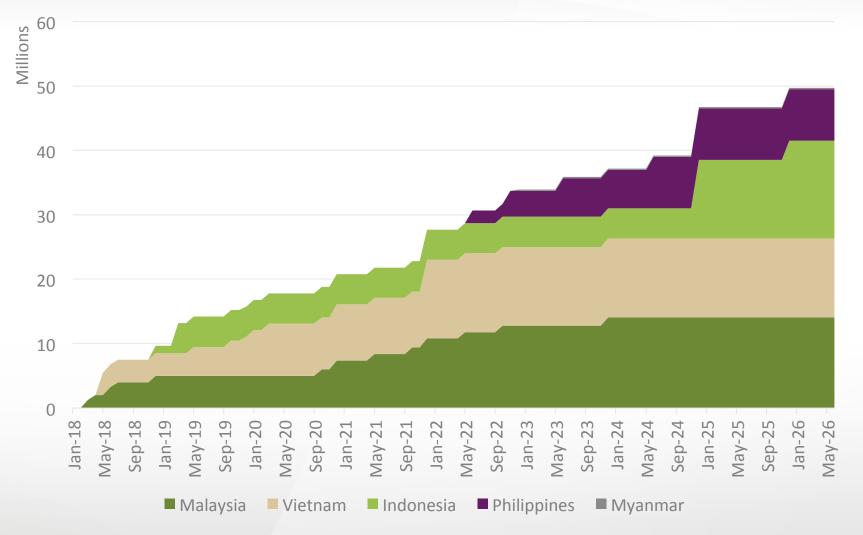
China: Total Population

CASS expects population peak at 1.442bn in 2029

Demand will fall. So will production fall to match? Or will exports increase?

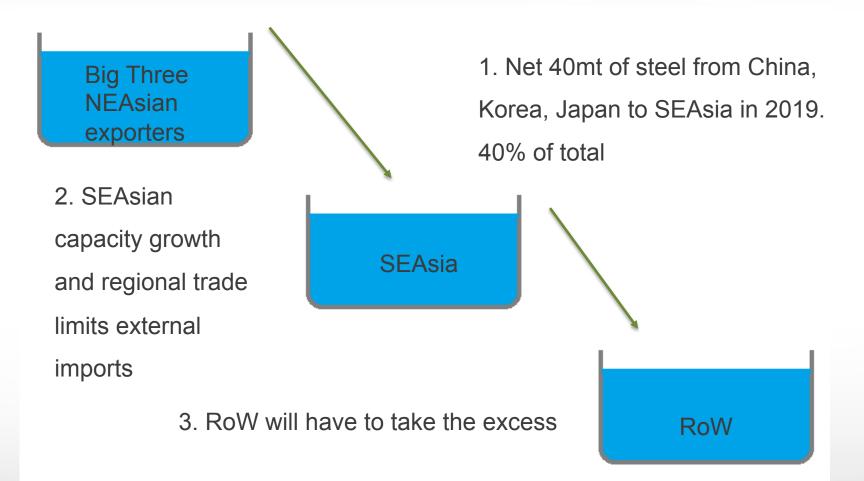
Source: United Nations, Department of Social and Economic Affairs, Population Division (2017)

SEAsian capacity build



Source: Kallanish Unit: million tonnes/year

Will SEAsia 'overflow'?



Raw material risks



Source: Kallanish Unit: \$/t

plenty to worry about

- The end of demand growth, and slower capacity reductions suggest export competition
- SEAsia will increasingly trade within its own region and increasing capacity may hurt imports
- The rest of the world will have to bear the brunt of China's slowdown

plenty of opportunities too

- SE Asian and Indian demand growth mean investment opportunities
- Changing demand structure in Asia means opportunities for investment in shifting product mix
- Growing intra-regional trade implies SEAsian producers may be able to compete with imports
- Changes in trade flows mean traders can find new arbitrage opportunities

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