asian cement

Cement Business Research

Status and forecasts for the Asian cement industry

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Markets included in the presentation

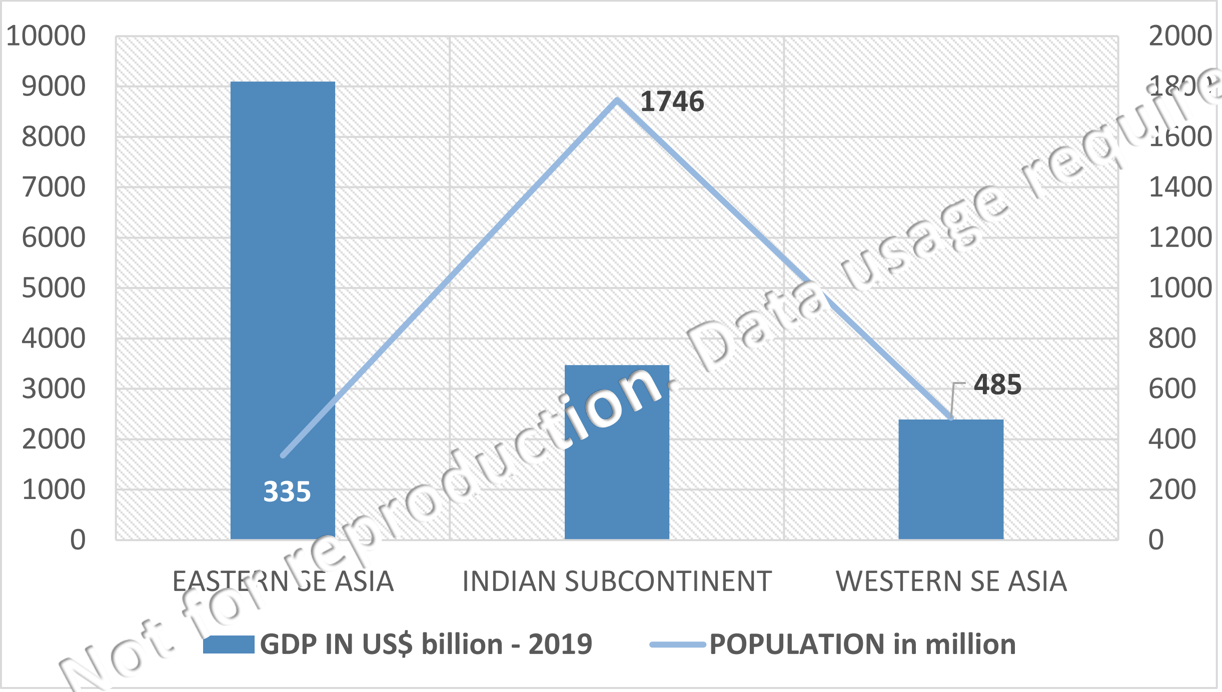
Eastern SE Asia	Indian Sub-Continent	Western SE Asia
Australia	Bangladesh	Cambodia
Japan	India	Indonesia
Taiwan	Pakistan	Malaysia
South Korea		Thailand
Philippines		Vietnam

CGC™

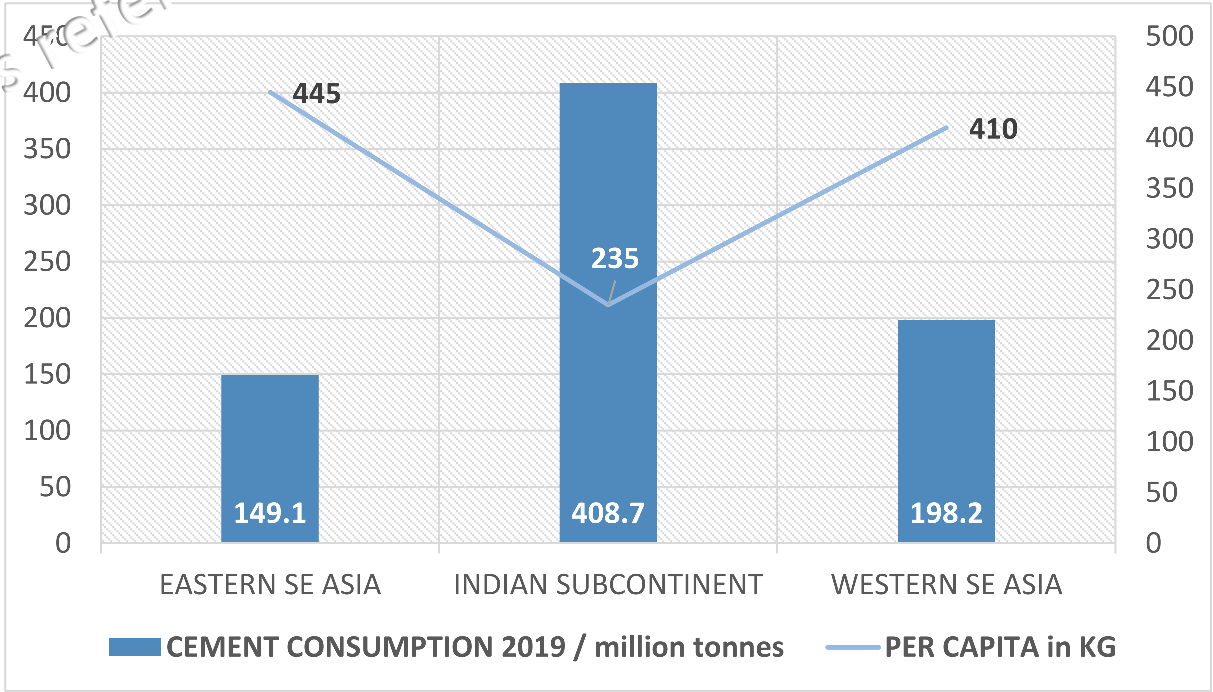
CemBR Forecasts

General macro and cement data – 2019

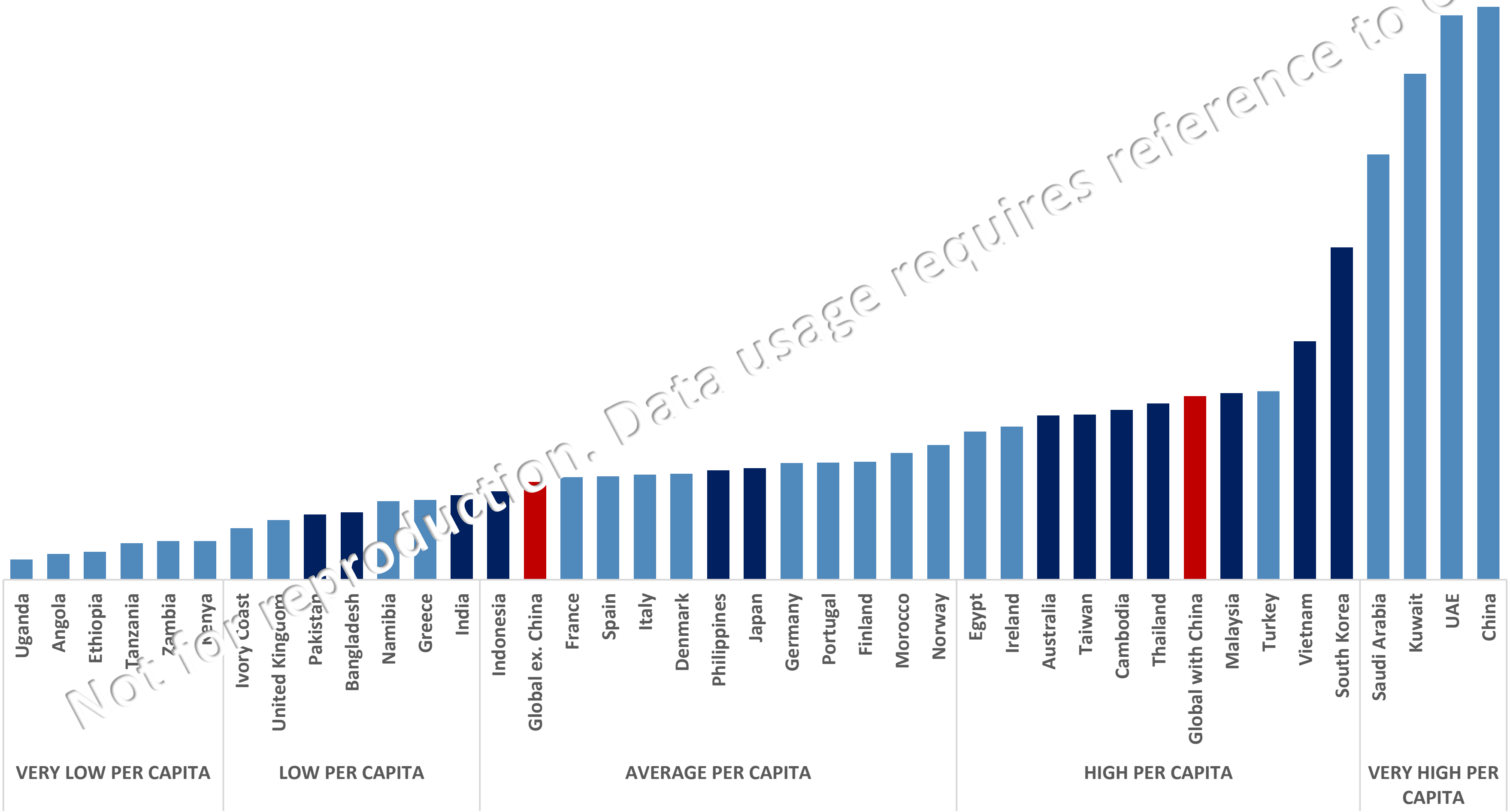
Macroecomic data



Cement data



Per capita comparisons – 2019



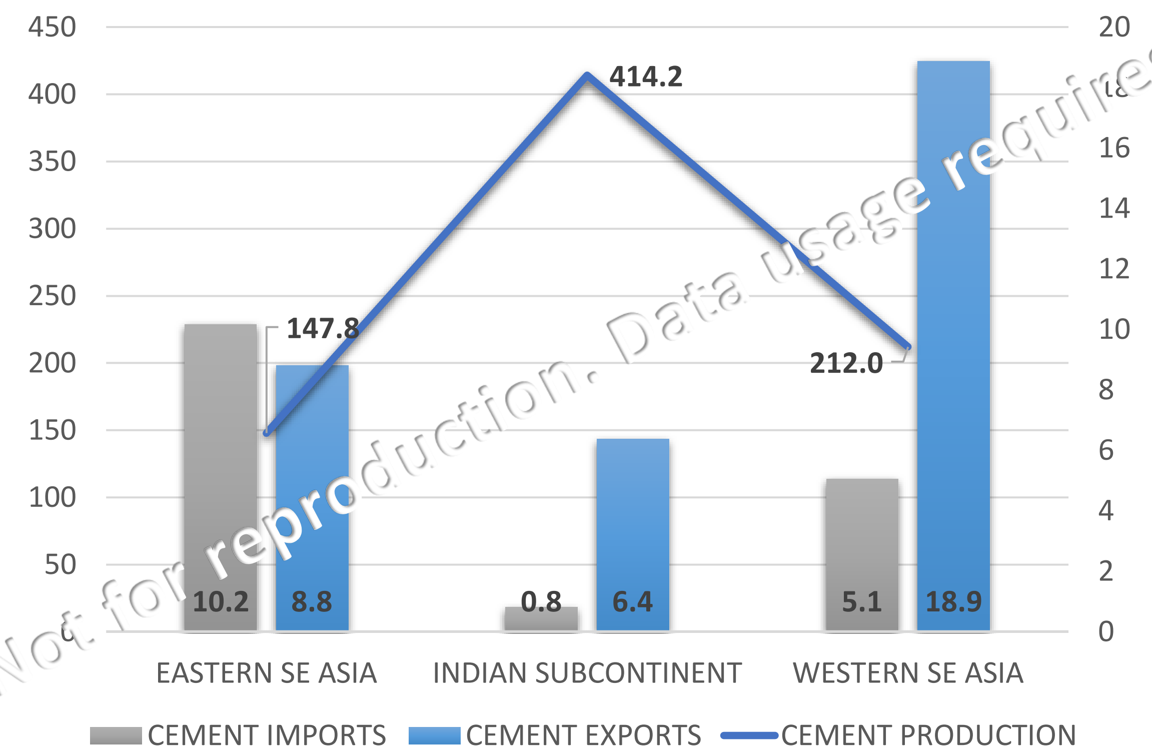
Average global per capita excluding China at around 300 Kg.

Average global per capita including China at around 550 Kg.

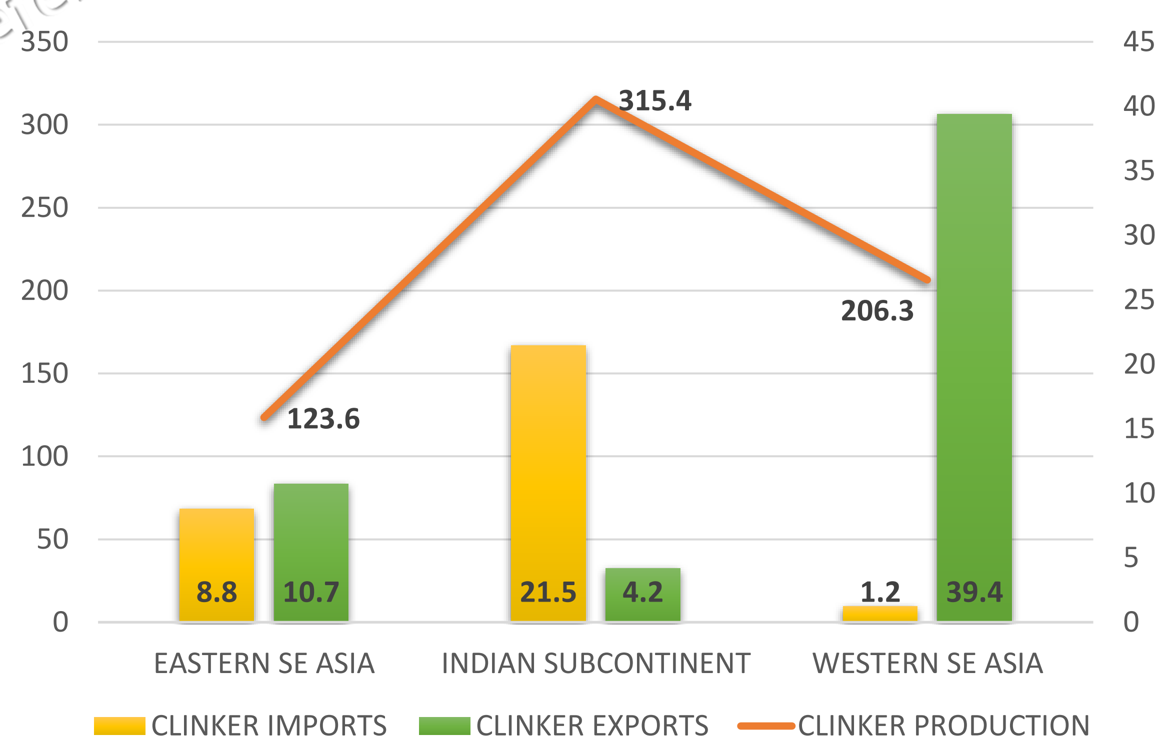
Diverse results across the region, ranging from low per capita to high per capita.

Cement and clinker production data & imports and exports – 2019

Cement production, imports and exports /MT

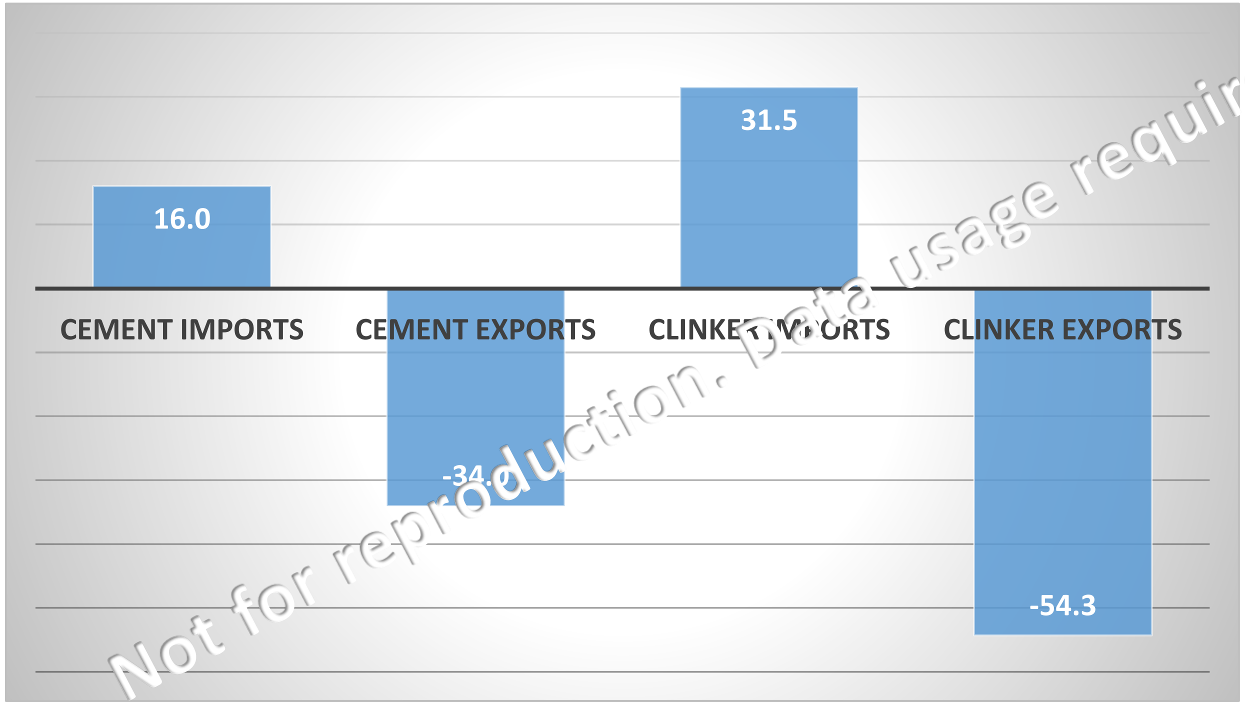


Clinker production, imports and exports /MT

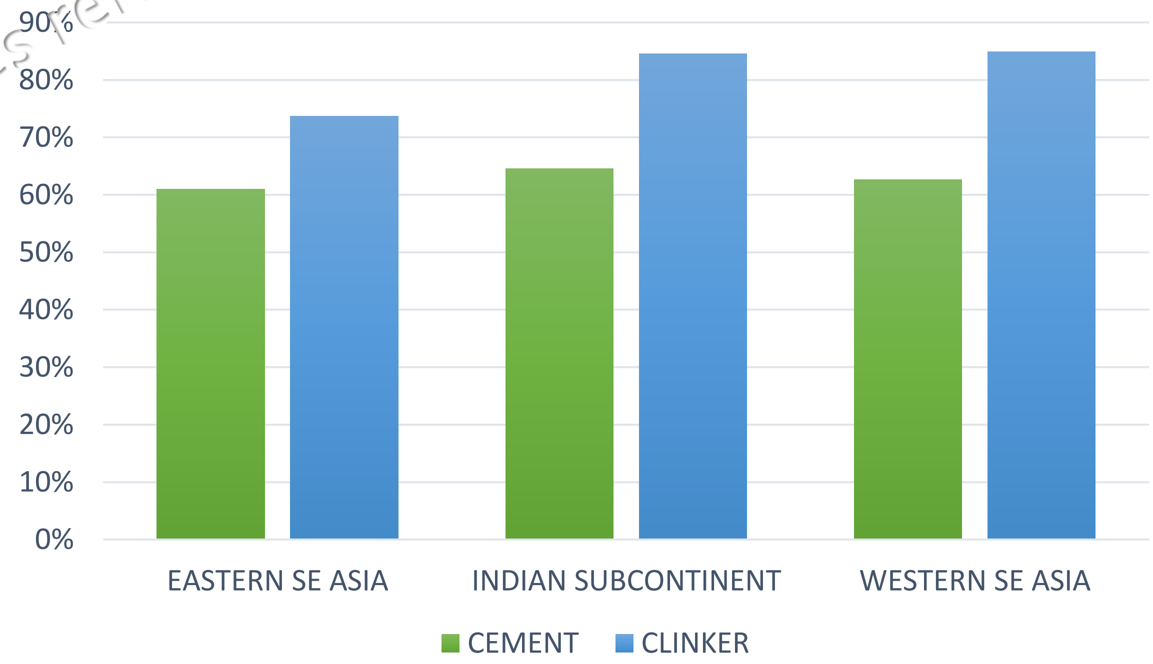


Net trading and Utilisation rates – 2019

Net trading in MT – The whole region

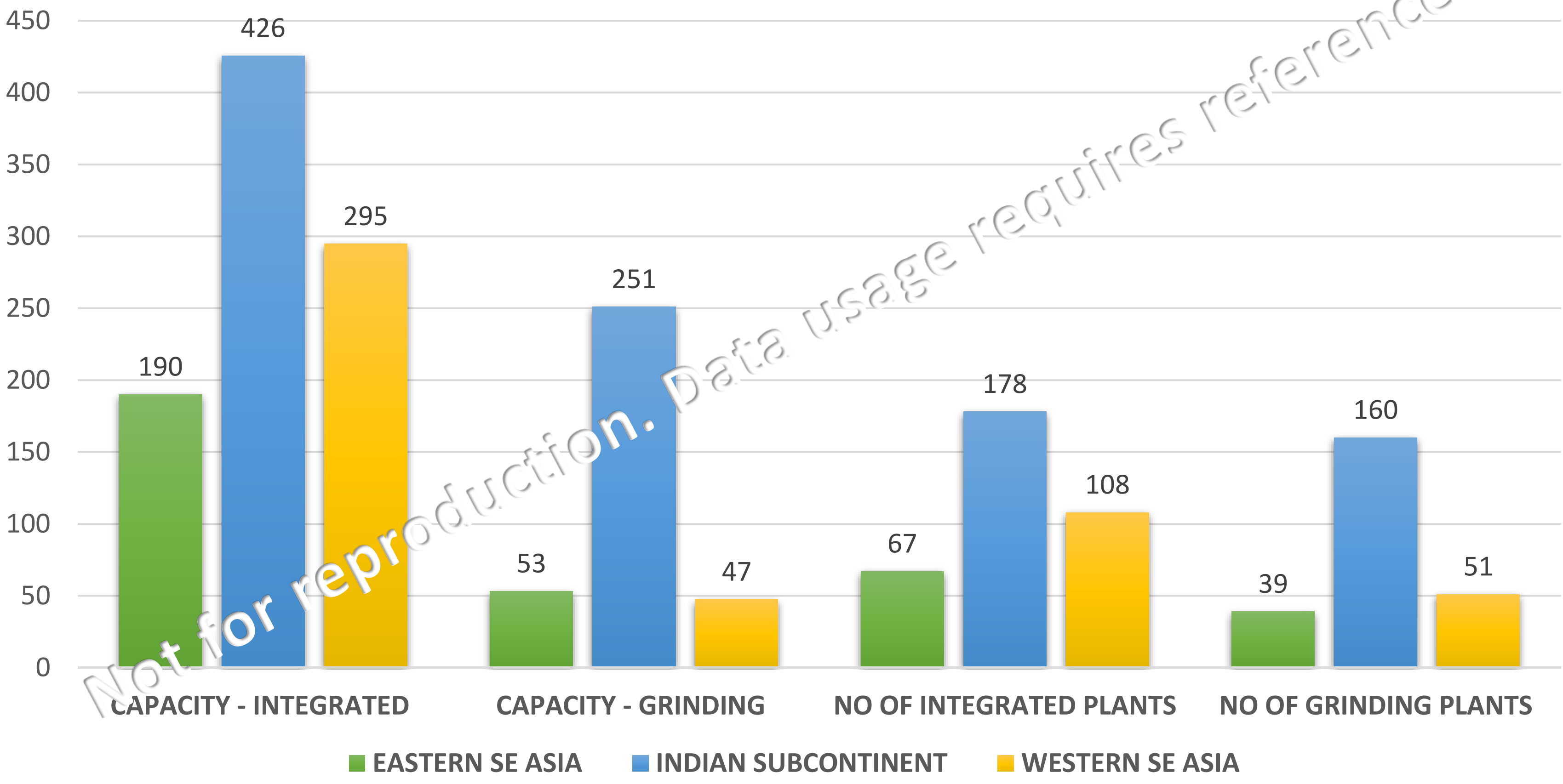


Cement and clinker utilisation rates



Supply characteristics – current situation

Cement capacity in MT & No. of plants



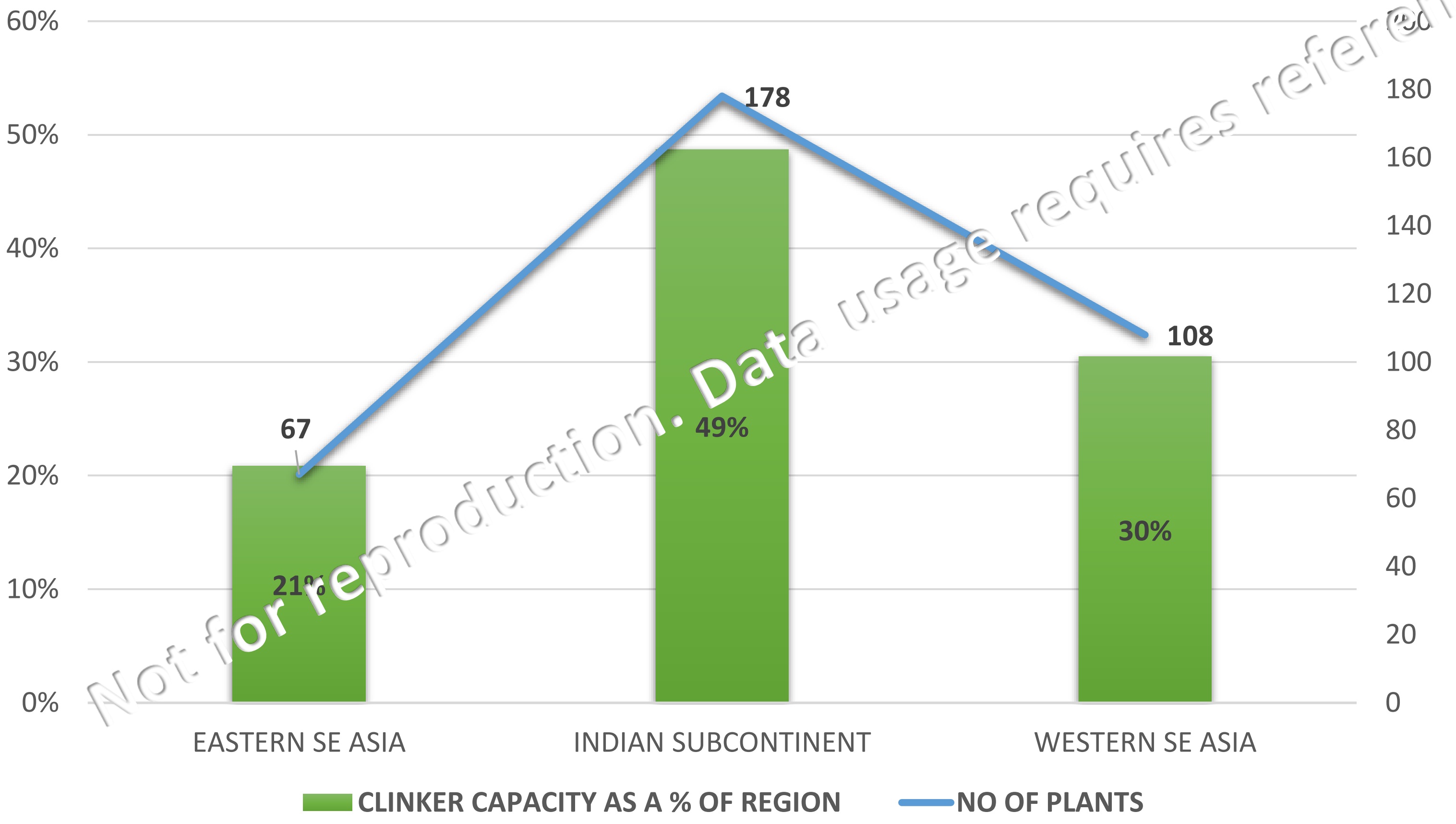
The Indian Subcontinent has the highest cement capacity, but also the highest grinding capacity.

The Indian Subcontinent also leads in both the number of integrated and grinding plants.

Eastern SE Asia has by far the lowest integrated capacity but comes second in grinding capacity.

Supply characteristics

Clinker capacity as a percentage of total & No. of plants

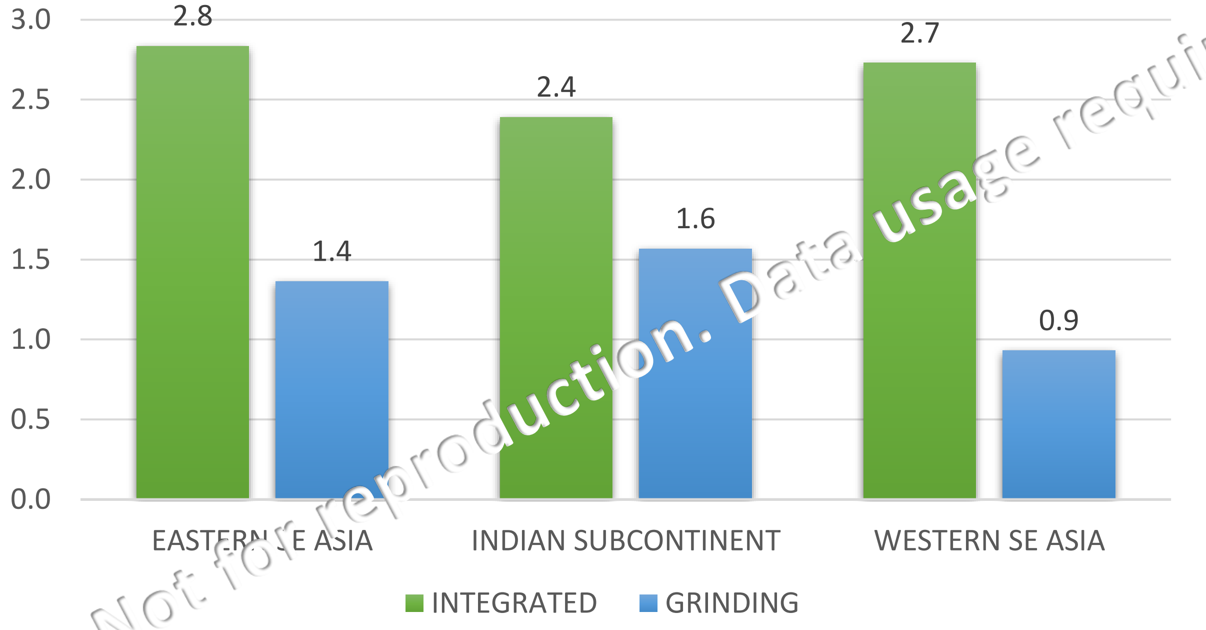


The Indian Subcontinent has the largest clinker capacity in the region. The sub-region also has five “clinker only” facilities.

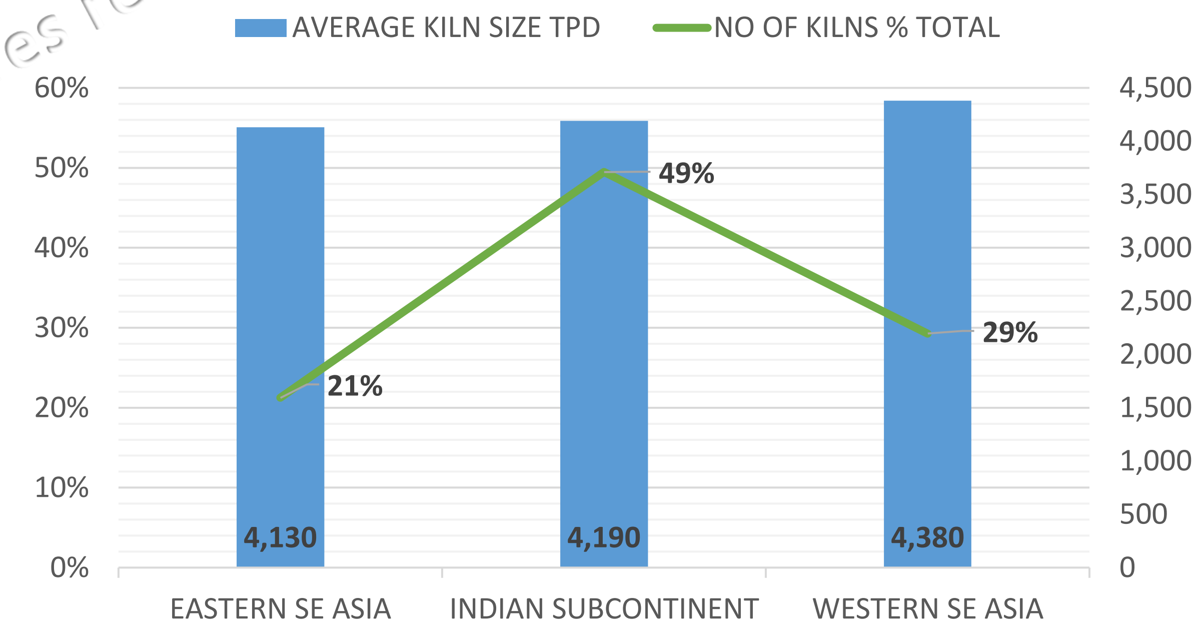
The number of plants in the three regions vary considerably.

Supply characteristics

Average plant size in MT

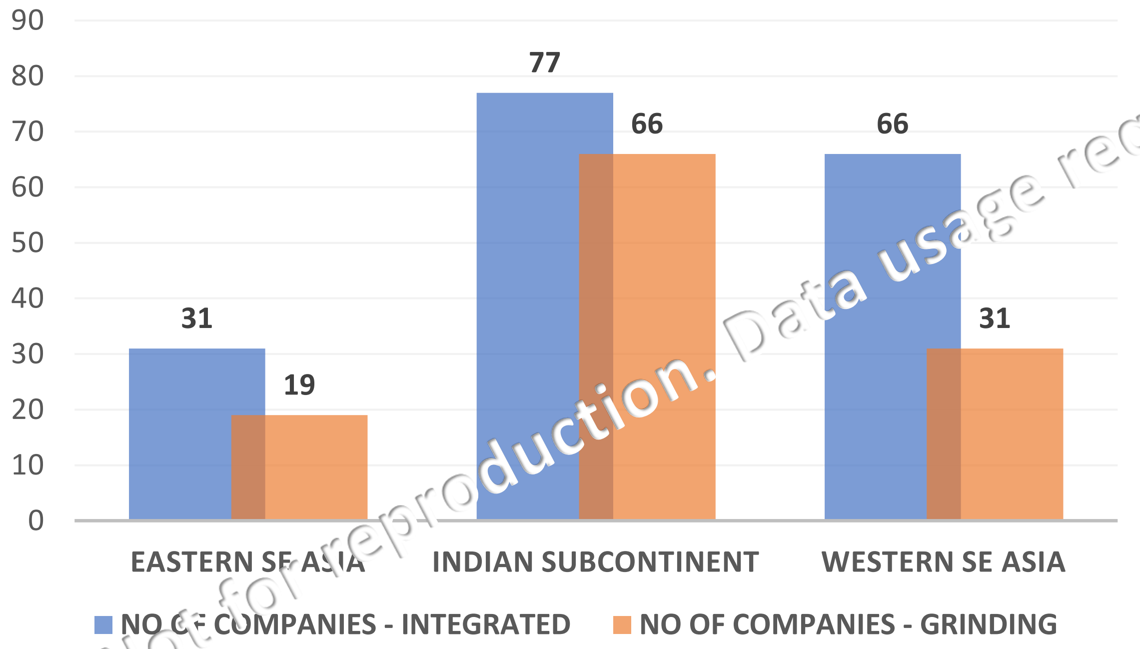


No. of kilns as a % of total and average TPD

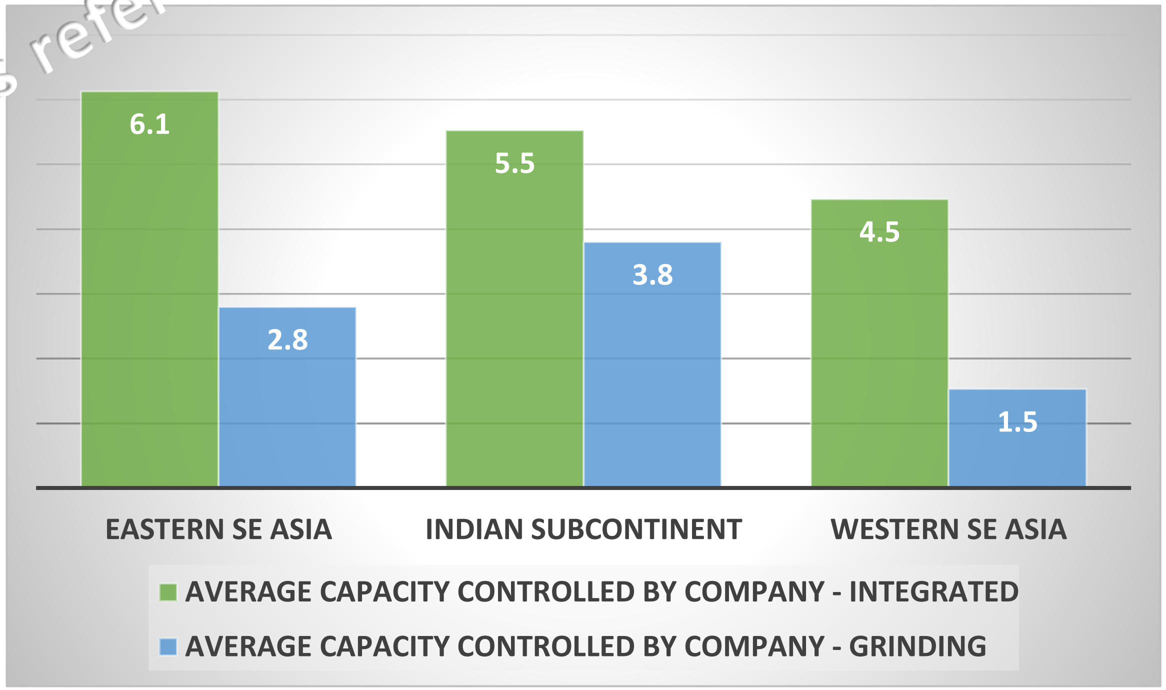


Industry structure and dynamics

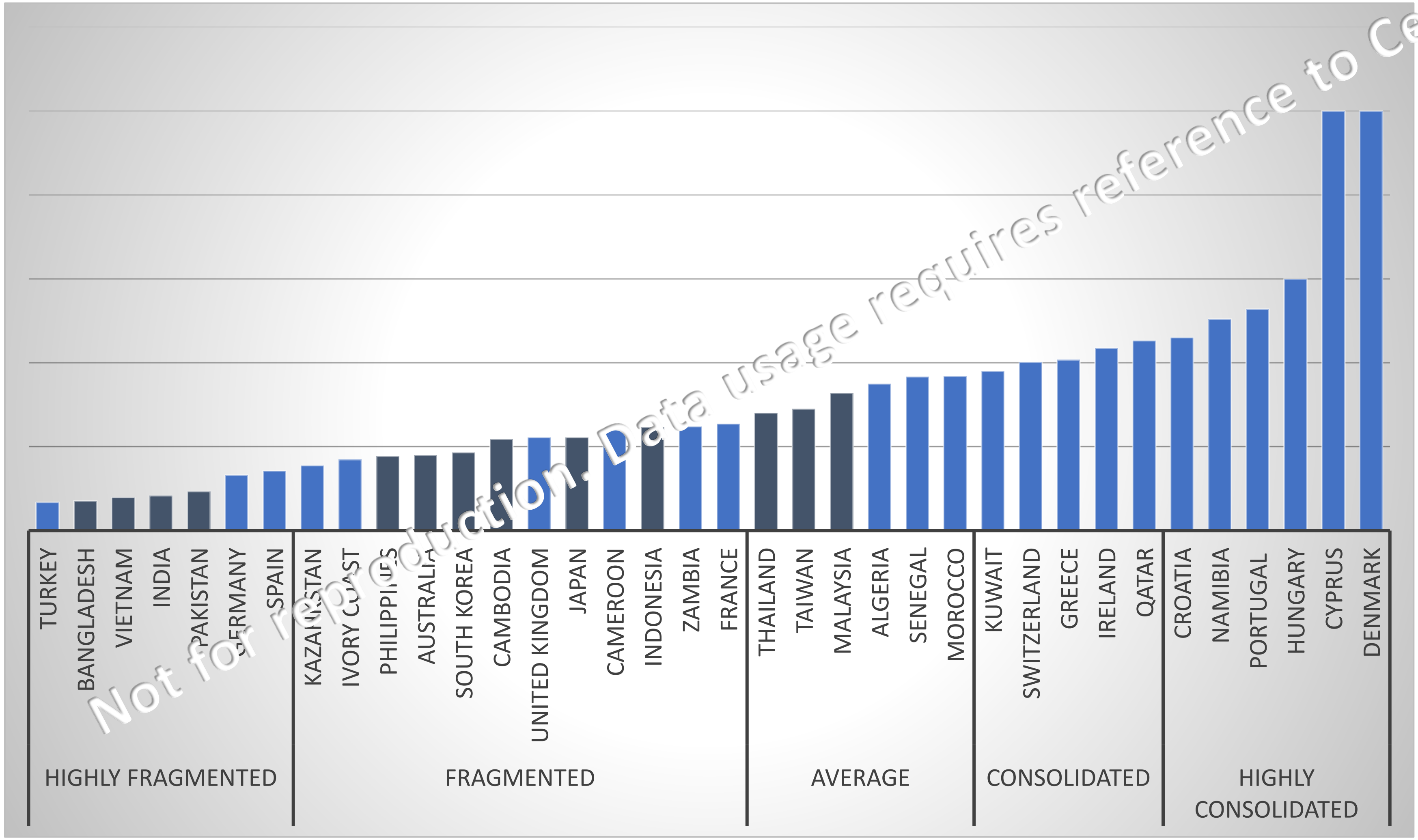
No. of cement companies



Controlled capacity in MT by company - average



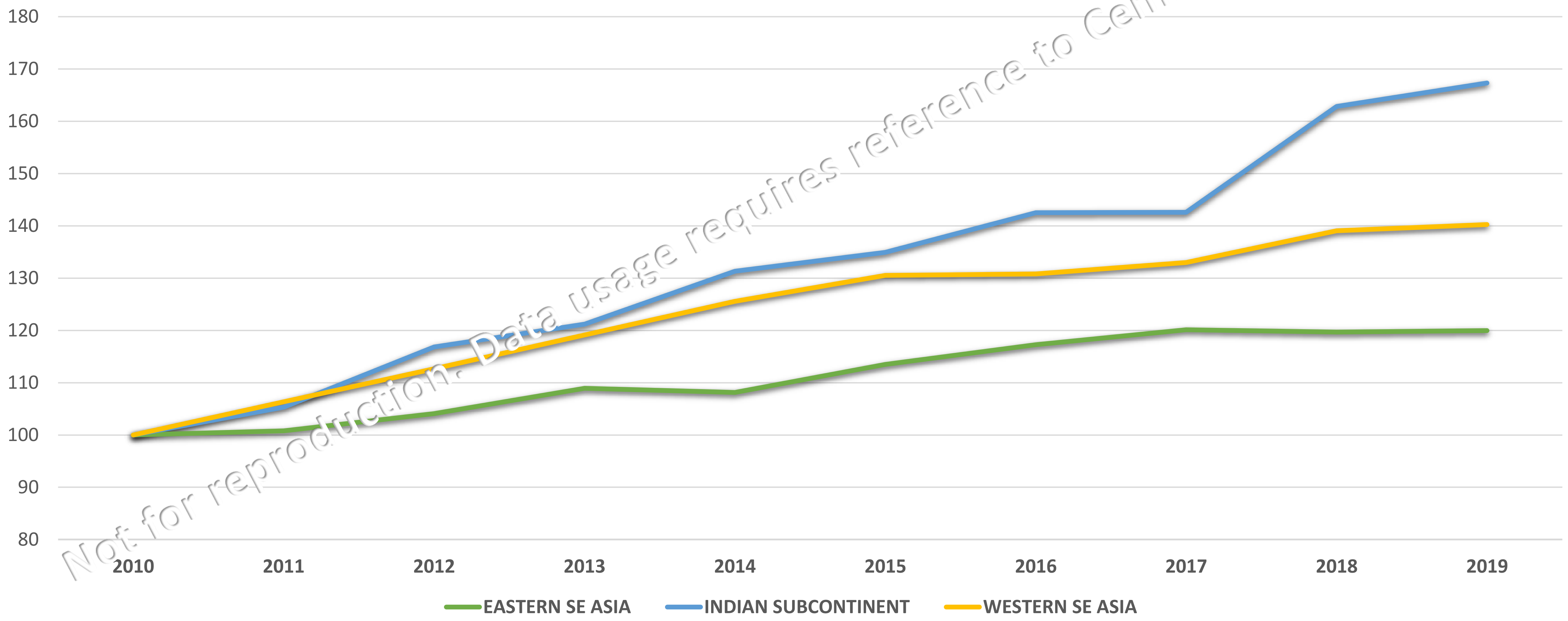
Industry structure and dynamics – Consolidation Index selected markets



The largest markets in the region are highly fragmented.

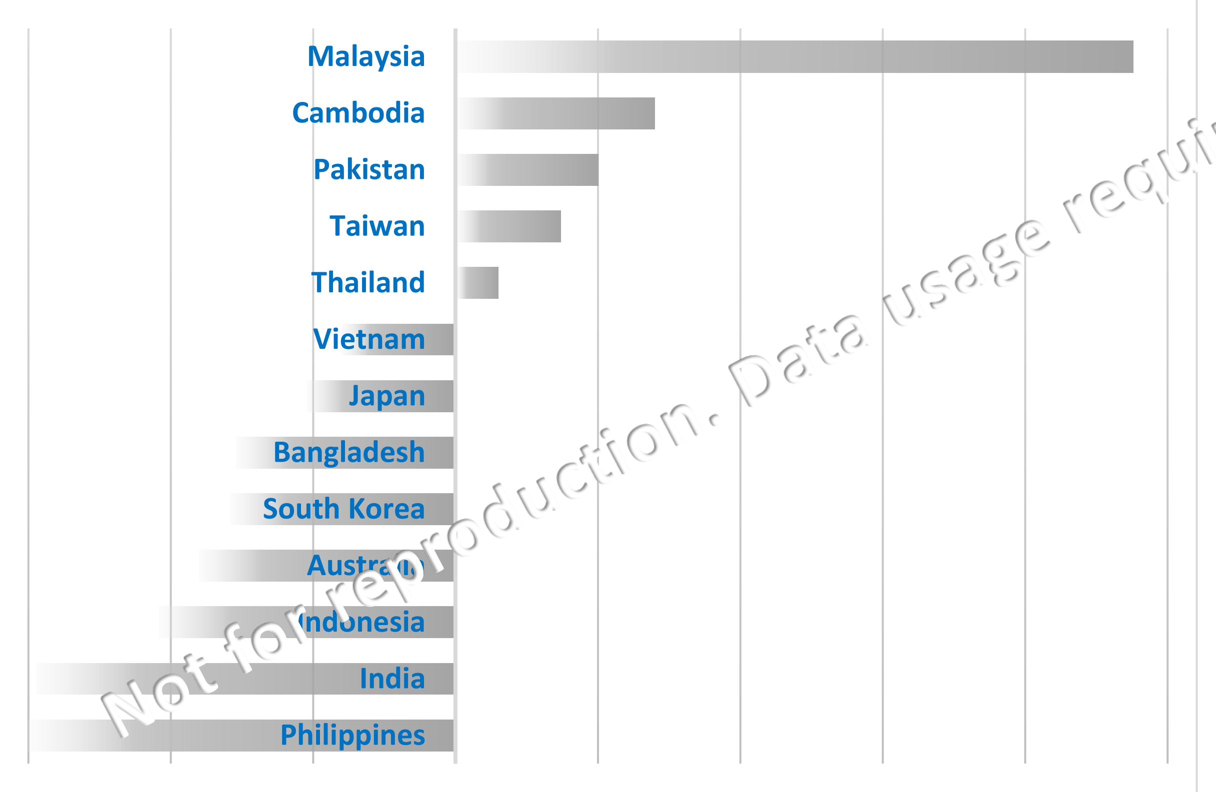
Ten out of thirteen markets in the region are in the “fragmented” and “highly fragmented” categories.

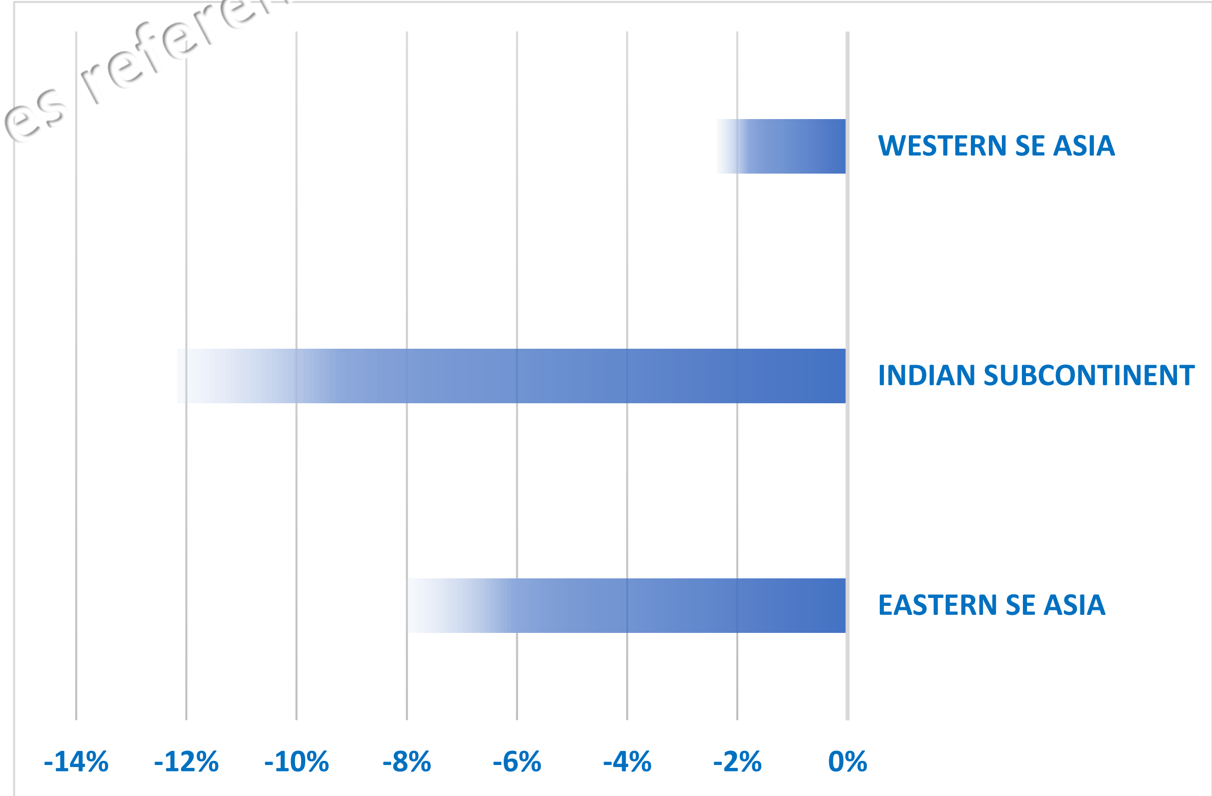
Market development 2010-2019 – Consumption profile



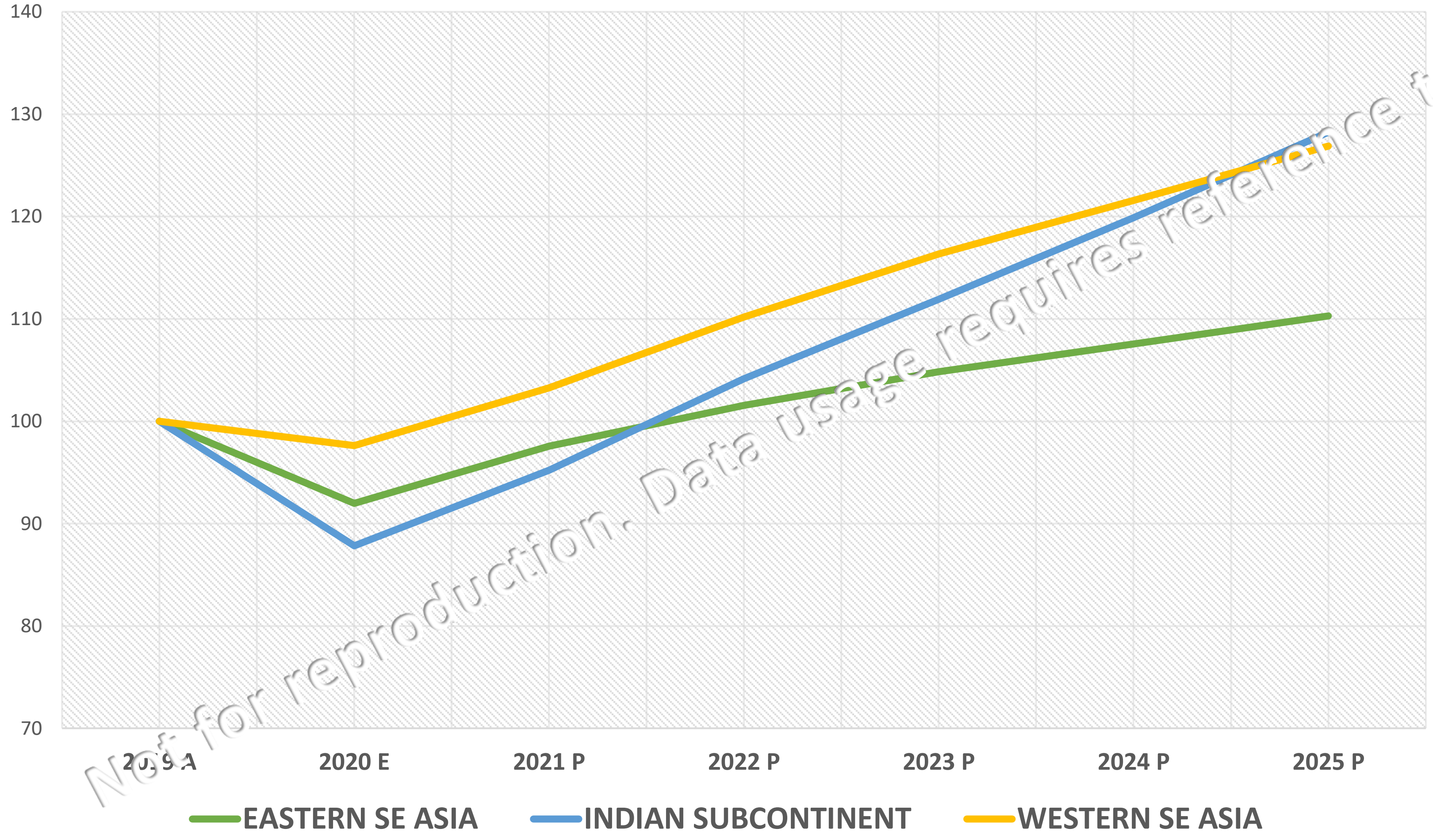
2020 Expectations for consumption

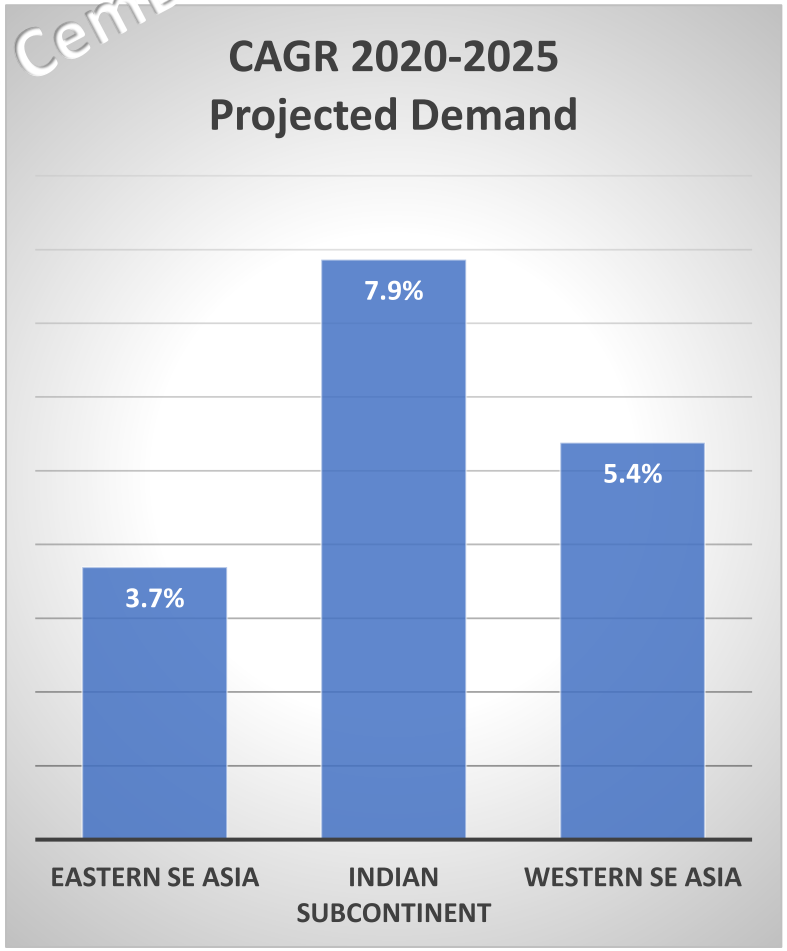
Indicative 2020 consumption expectations – markets and sub-regions





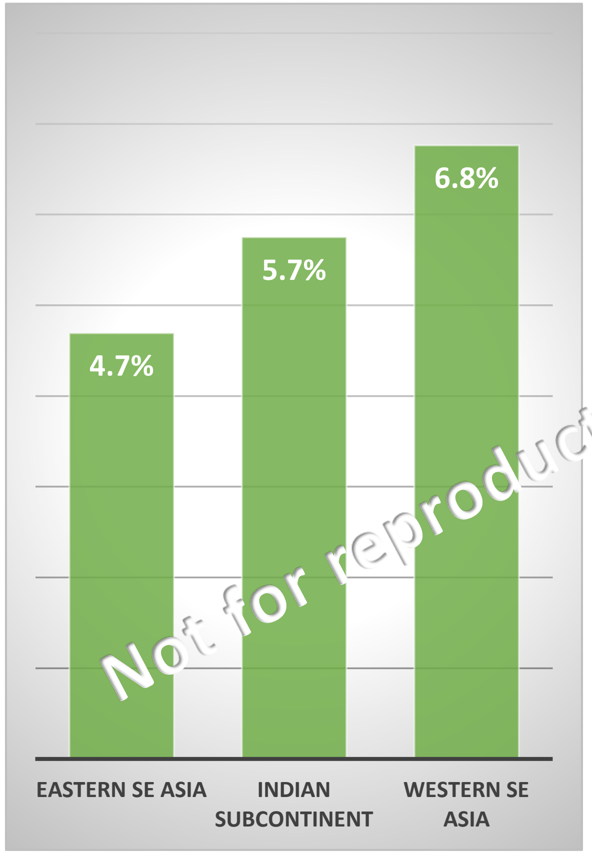
2019 – 2024 Demand scenario profile



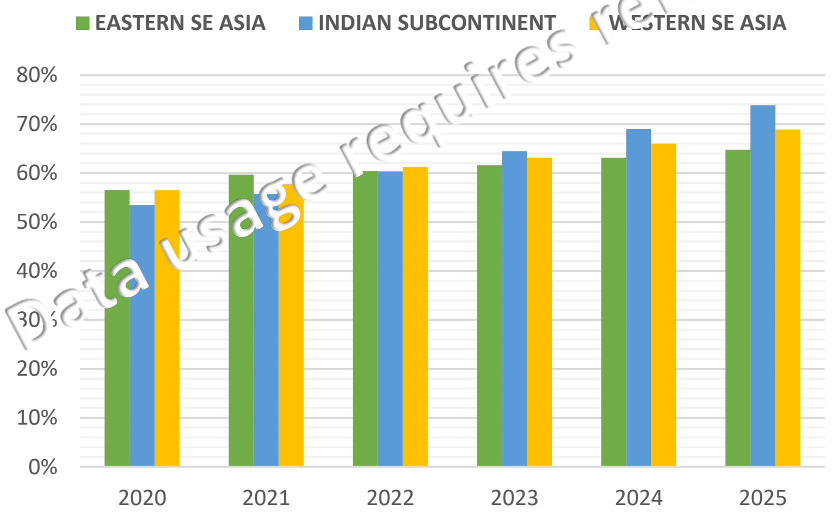


2020 – 2024 Supply – Demand balance

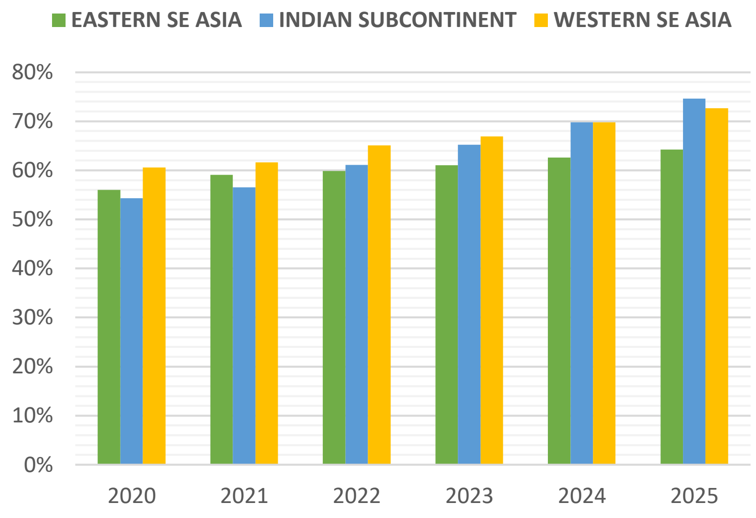
Estimated capacity additions 2020-2025
As a percentage of 2020 capacities



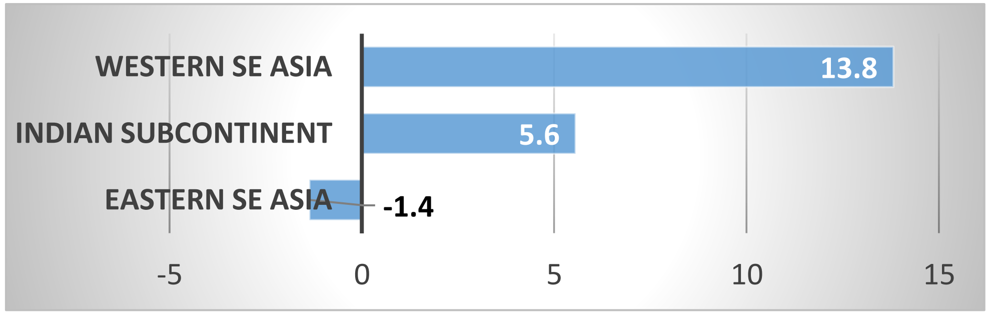
Supply – demand balance 2020-2025
DCUF (Domestic Capacity Utilisation Factor)



Supply – demand balance 2020-2025
Net trading at 2019 levels



Net trading in million tonnes - 2019



Conclusions

The region has a diverse group of countries – macroeconomically. Eastern SE Asia has mainly developed economies, whereas Western SE Asia and the Indian Subcontinent are made up of emerging countries.
The per capita distribution among the markets of Asia does not follow a particular trend. Some developing markets exhibit high per capita figures whereas others are in the lower end. The markets of the Indian subcontinent have the lowest per capita in the region.
The region as a whole is a net exporter. Volumes of exported clinker are higher than cement. There is significant intra-regional trading.
The largest markets in the region are highly fragmented. Most markets could do with significant consolidation initiatives.
The region has seen some significant growth in the last decade, comfortably beating the global consumption trends. The Indian Subcontinent has experienced tremendous growth in the last ten years, still exhibiting the lowest per capita consumption.
Some markets have bucked the trend in 2020, and grew. However, all three sub-regions and the region as a whole have declined in 2020.
The 2020 – 2025 projections indicate a return to growth pattern for both the Indian subcontinent and Western SE Asia. Eastern SE Asia is predicted to follow a more subdued trajectory.
Capacity utilisation rates in the whole region are projected to be in the region of 60% to 75% over the forecasting period. Clinker utilisation rates are expected to be much higher, perhaps leading to more capacity additions by 2024 – 2025.

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