



THE FUTURE IS WORTH IT

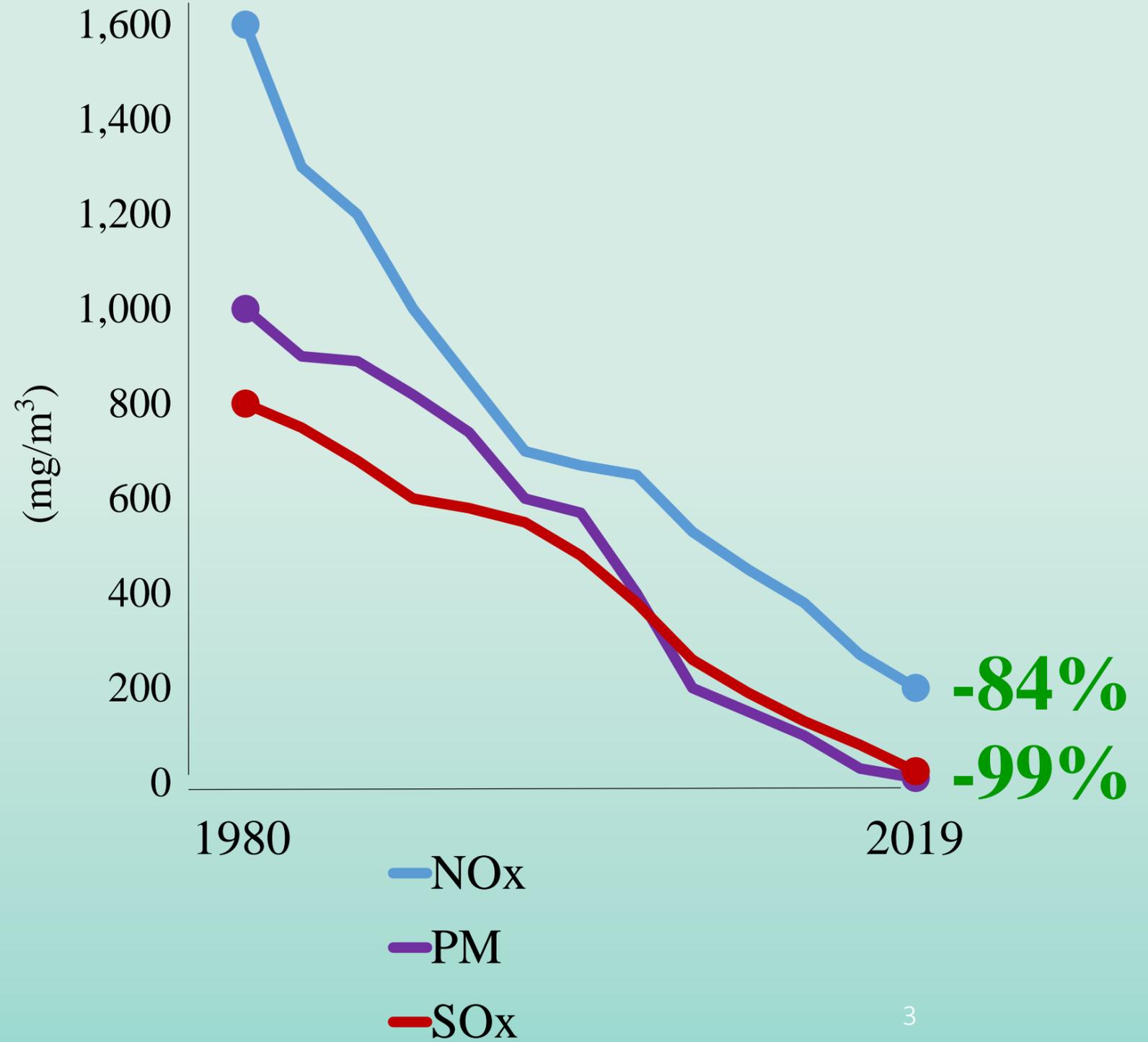
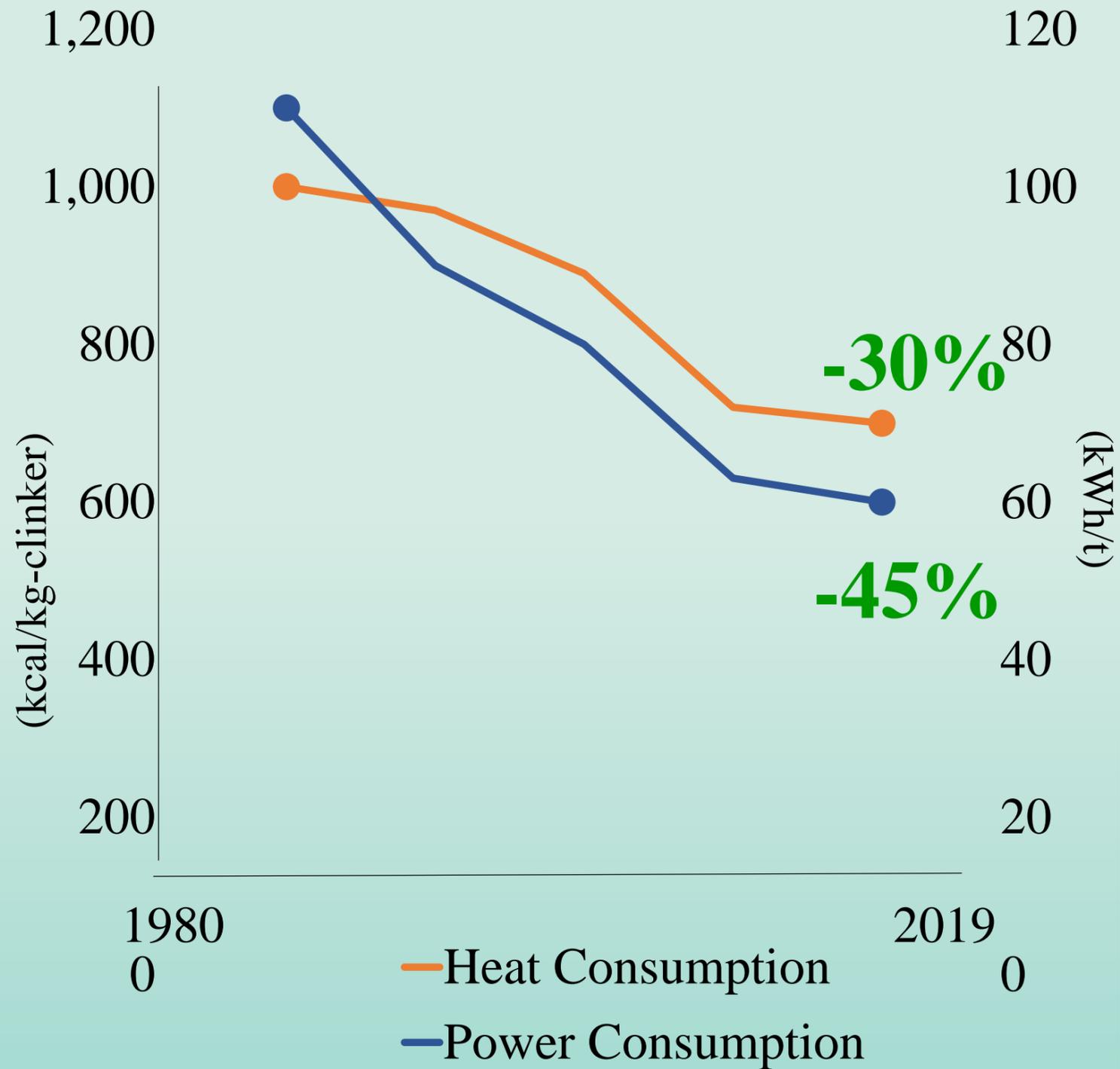
2019 Q2 TCC GROUP



Cement and the Blue Magpie

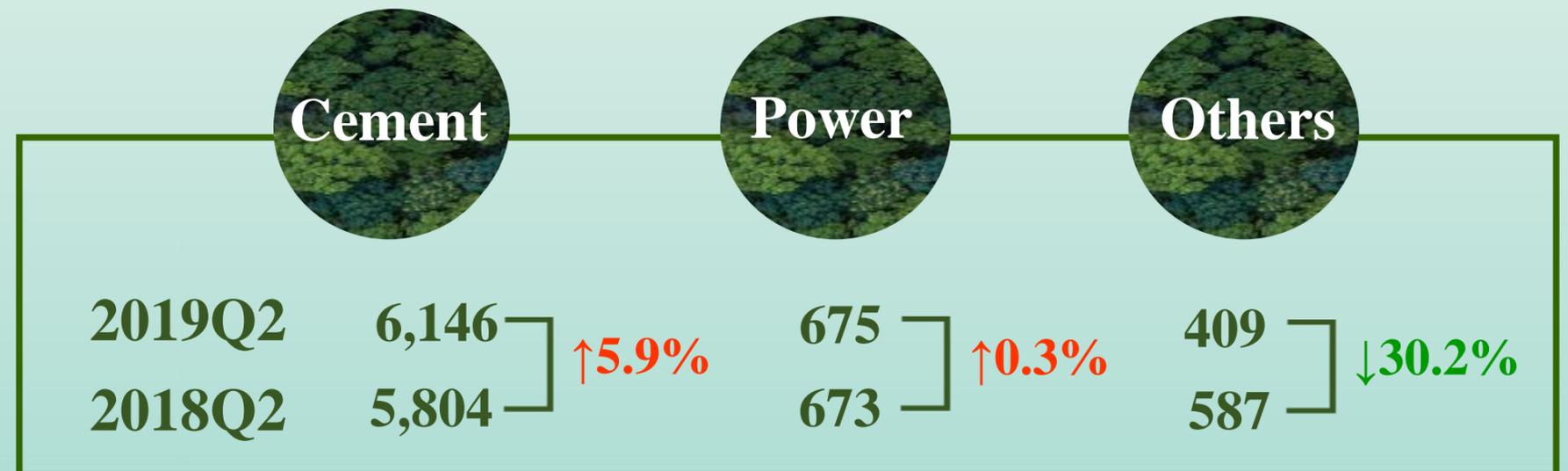
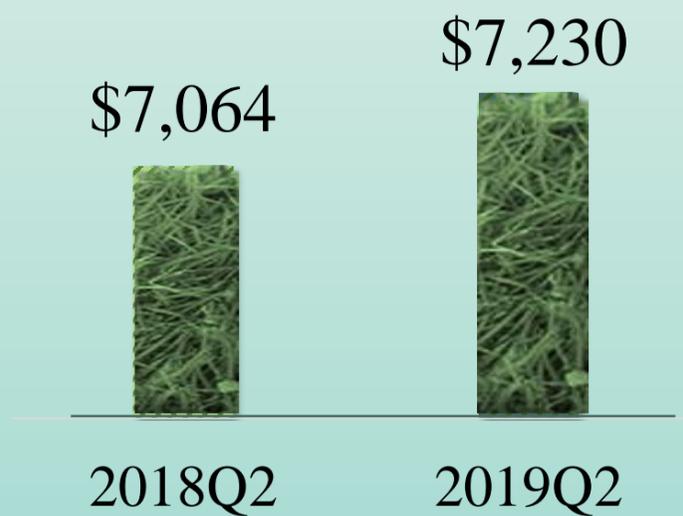
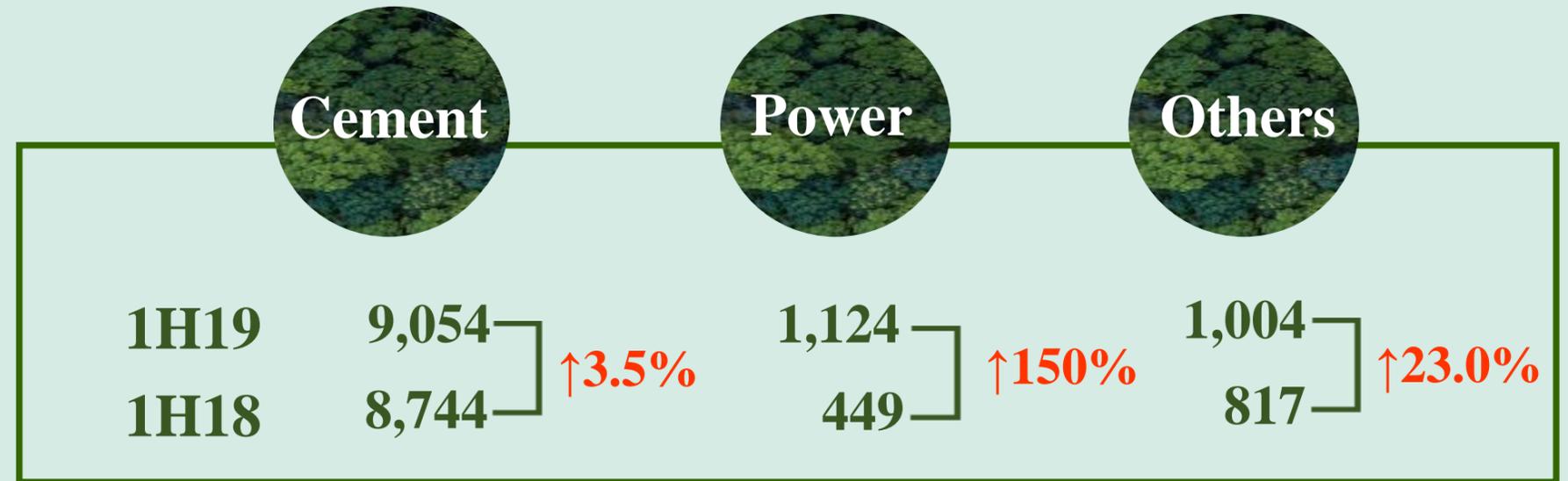


The Green Pursuit



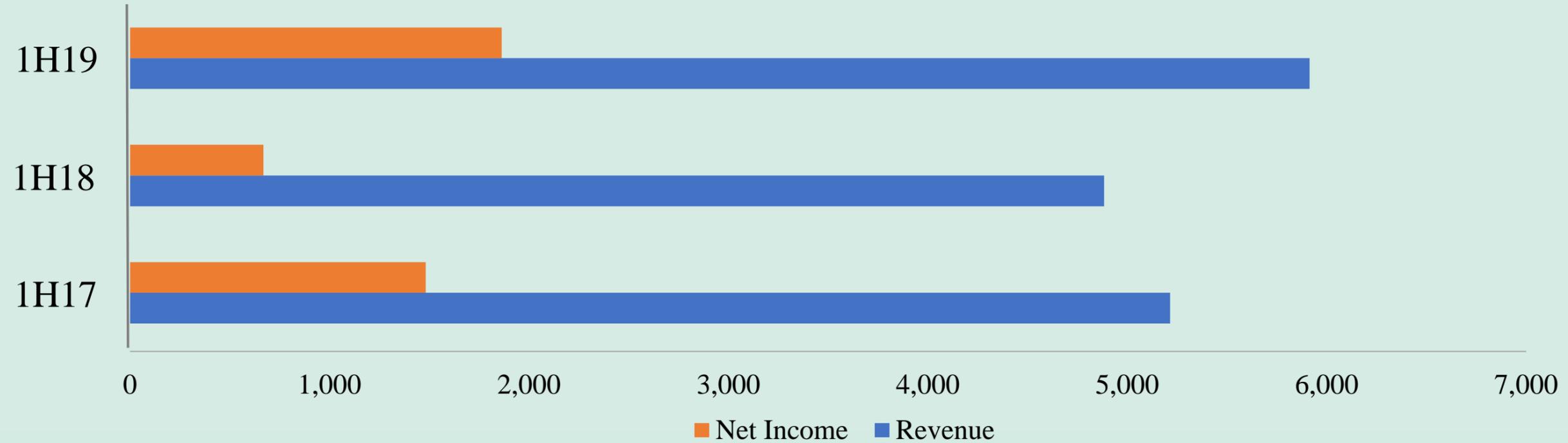
2019Q2 Net Income

Unit: NTD/ Million

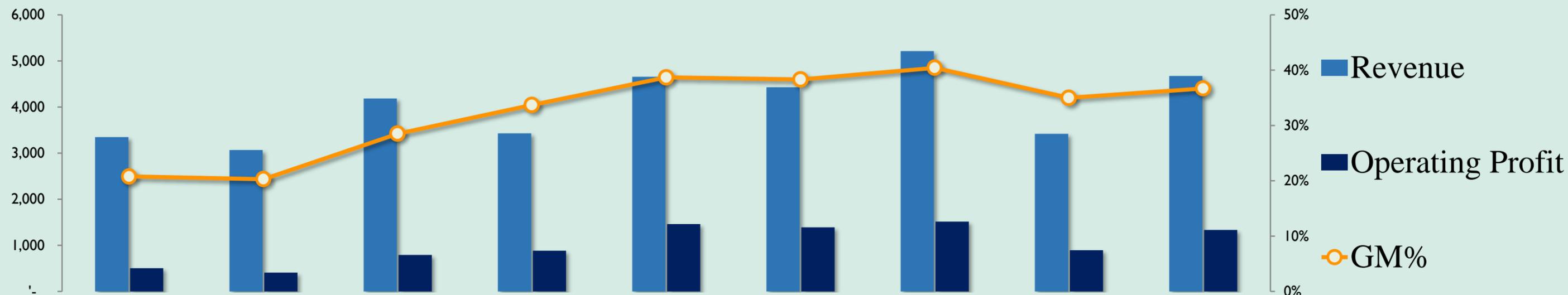


Ho-Ping Power

Unit: Million NTD



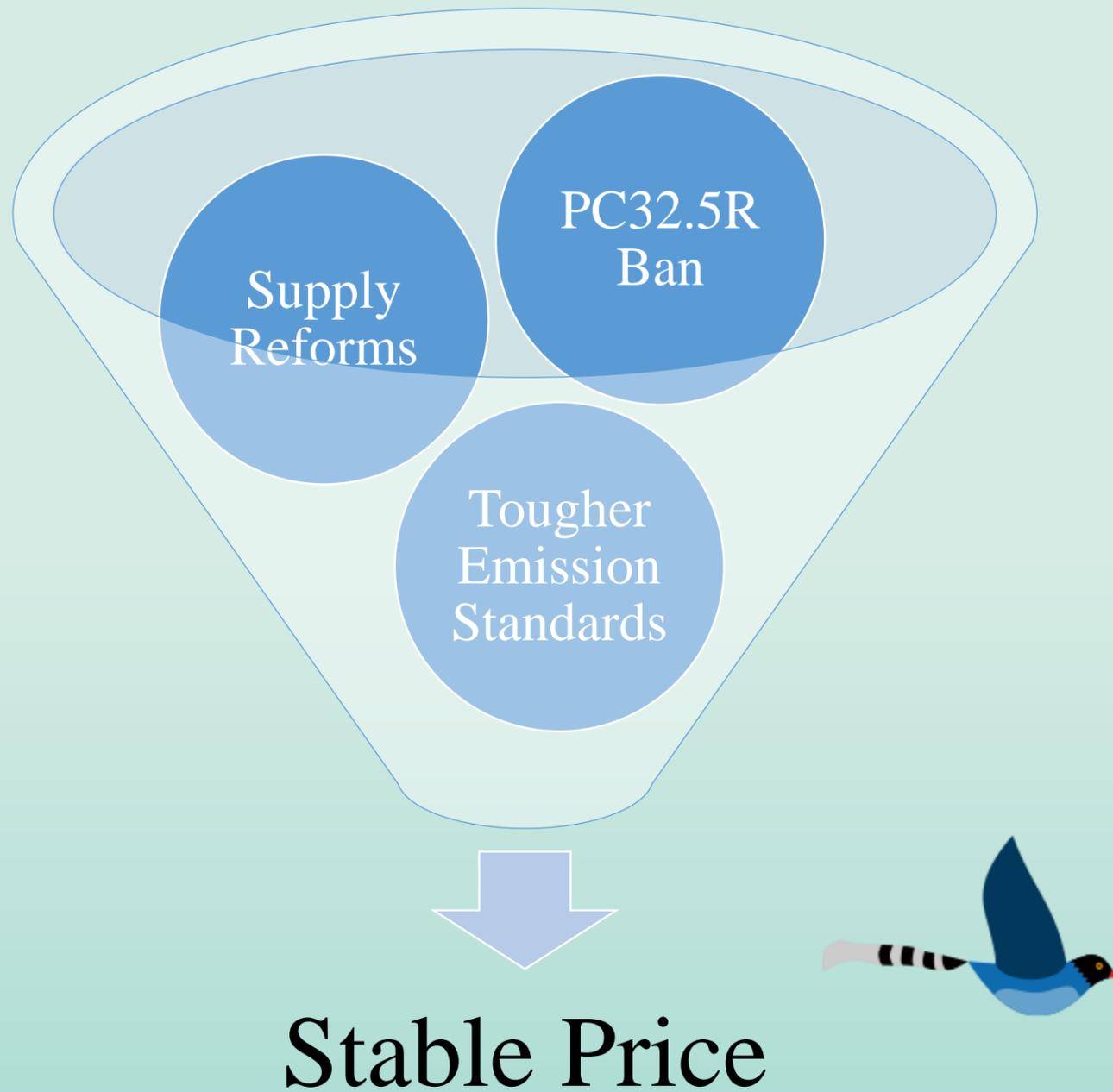
GP Per Ton in Mainland China



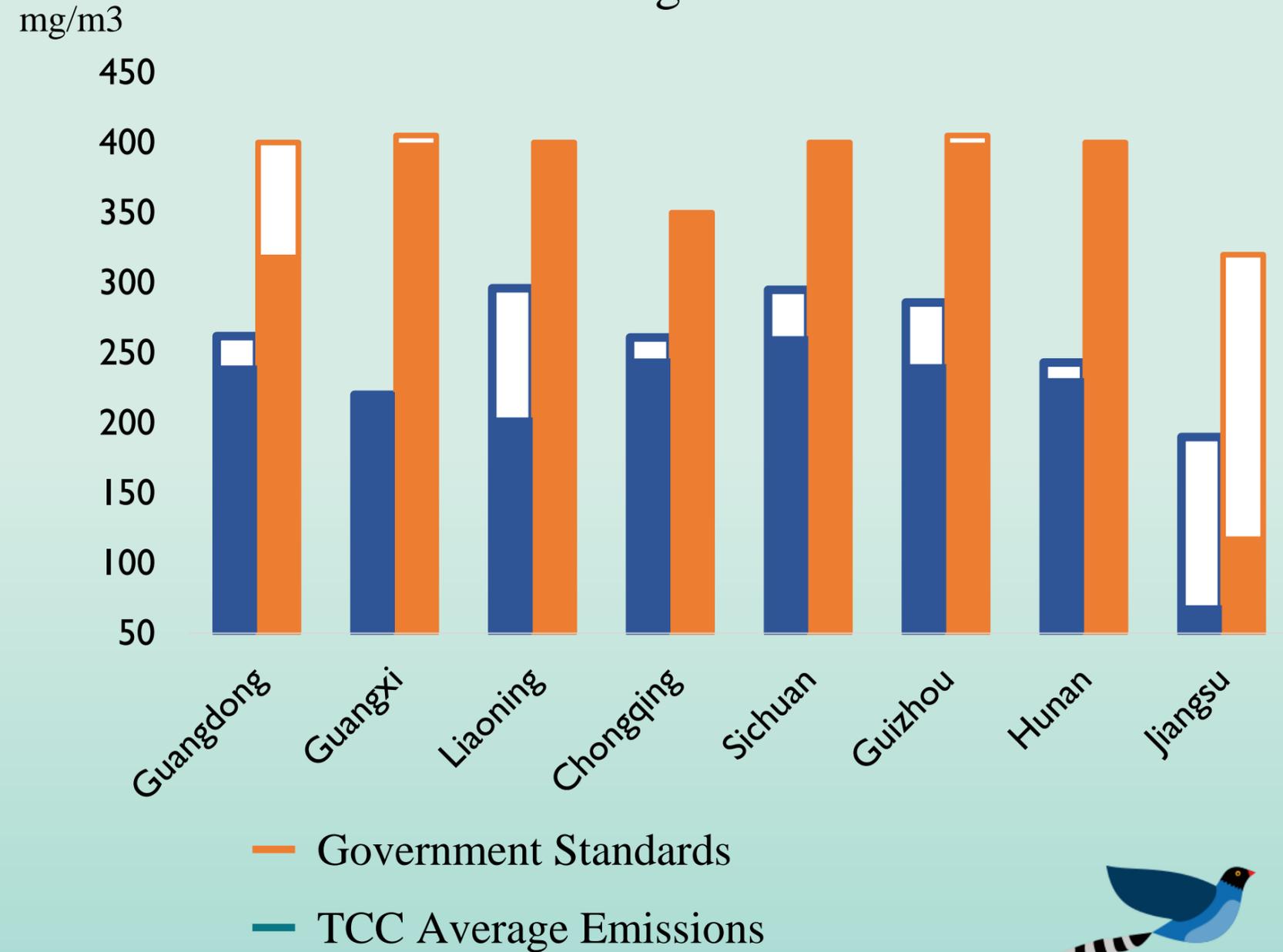
	17Q2	17Q3	17Q4	18Q1	18Q2	18Q3	18Q4	19Q1	19Q2
Sales Volume (Mil Tons)	14.0	13.2	15.5	11.4	14.9	14.0	15.9	10.6	14.9
Revenue (RMB Mil)	3,348	3,068	4,18	3,429	4,656	4,430	5,212	3,419	4,673
GP Per Ton	46.5	44.7	71.9	101.1	120.6	120.9	132.7	112.8	114.7
Operating Profit	502	407	792	882	1,461	1,391	1,515	893	1,332
GM%	20.8%	20.3%	28.5%	33.7%	38.7%	38.3%	40.4%	35.0%	36.7%

Operating Profits = (Revenue – COGS – Operating Expense)
 Price Increase => Profit Growth

Mainland China Market: Supply



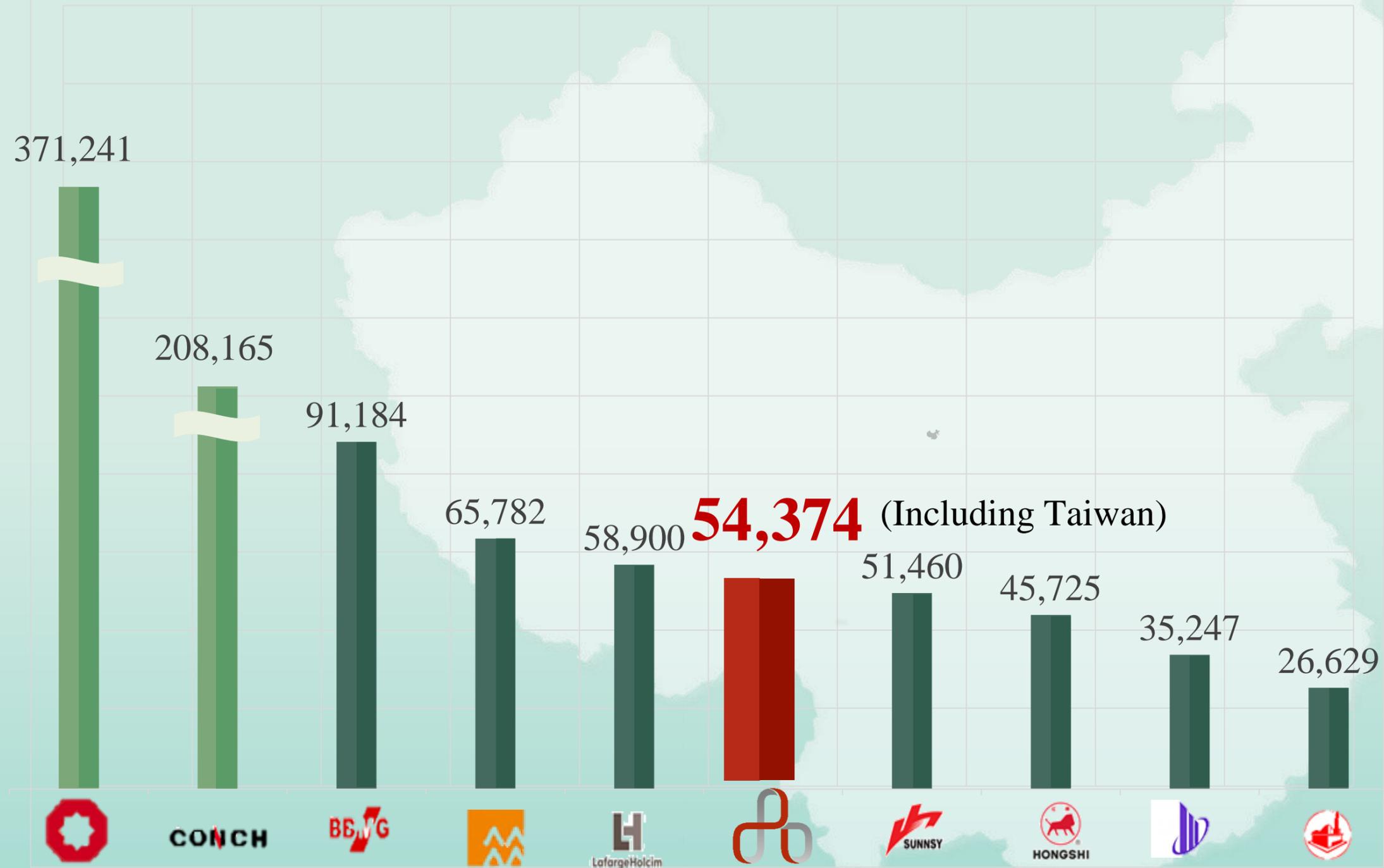
1H19 Average NOx Emissions



Ranked 6th Place in 2018



Unit: 1,000 Clinker Tons/Year

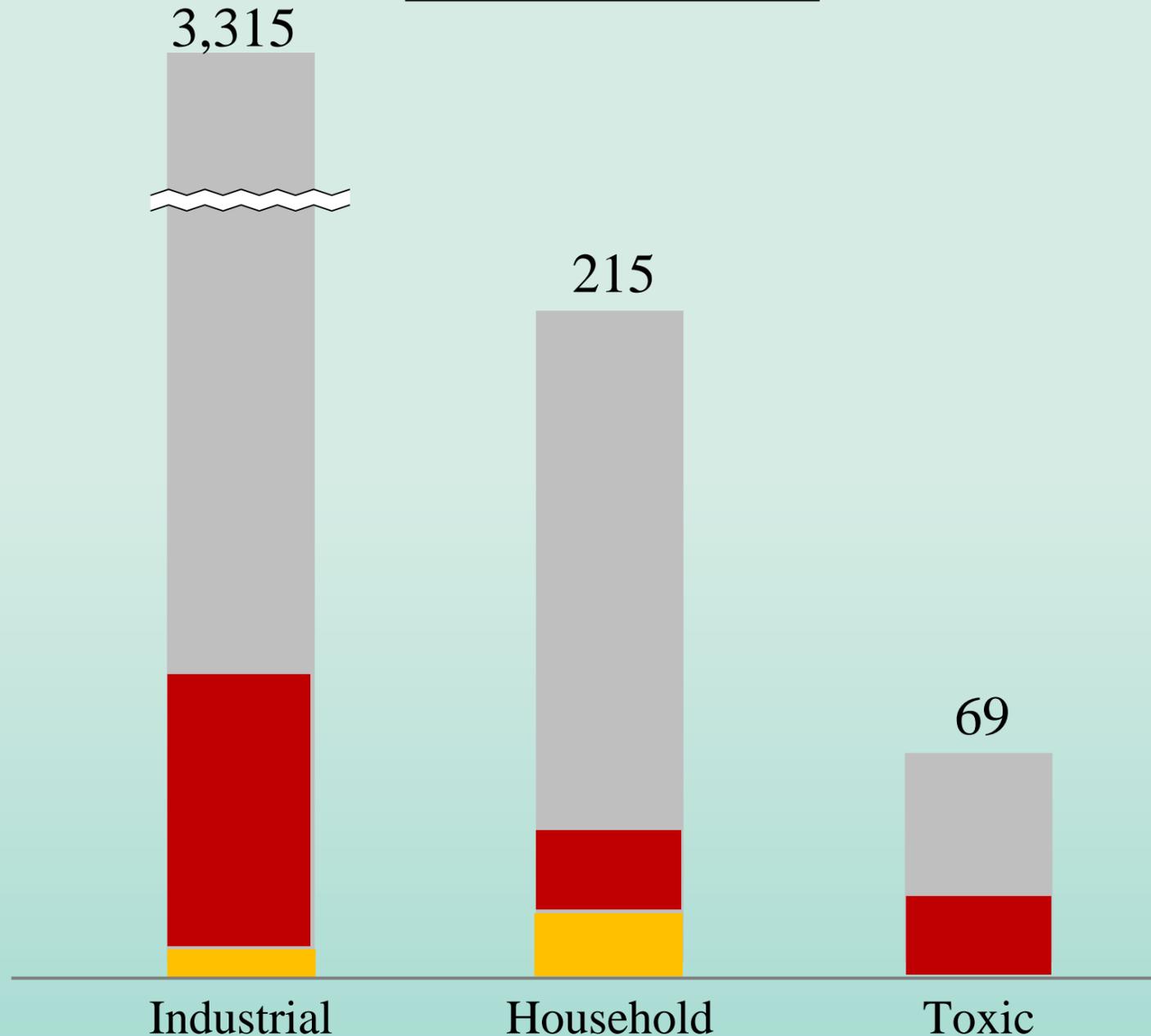


Waste Treatment Potential

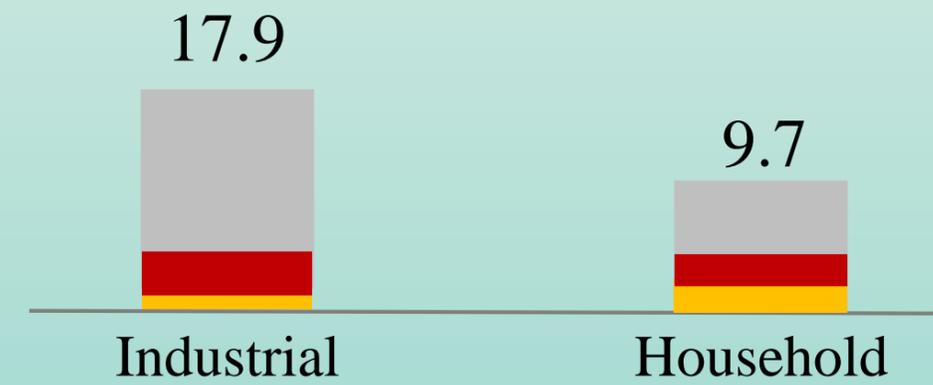
Unit: Million Tons



Mainland China



Taiwan



Waste Produced (Grey) TCC Processed (Yellow) TCC Potential (Red)

Major Progress



Guigang – Mainland China’s **Largest** Co-processing Solid (Toxic) Waste Contract: **330,000 tons/year**

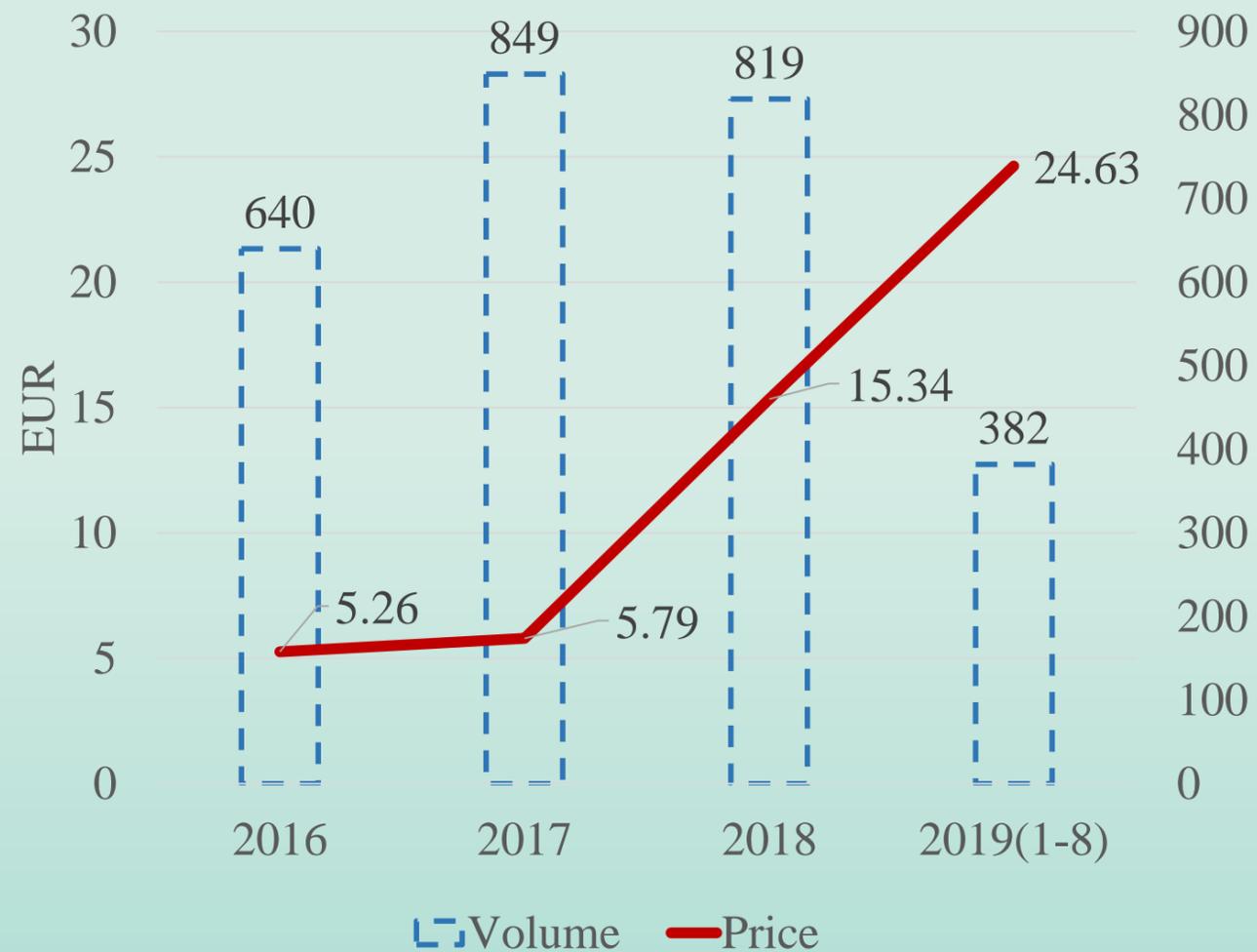


TCCI and Baowu Group Environmental Resources Technology Strategic Alliance
Solid Waste Potential: **40,000,000 tons/year**

Carbon Trade

Unit: Million Tons

EU Carbon Trade Price



Mainland China (Guangdong) Carbon Trade Price



TCC 2019

✓ **CO2 Saved: 900,000 tons**

✓ **Benefits: RMB18.5 million**

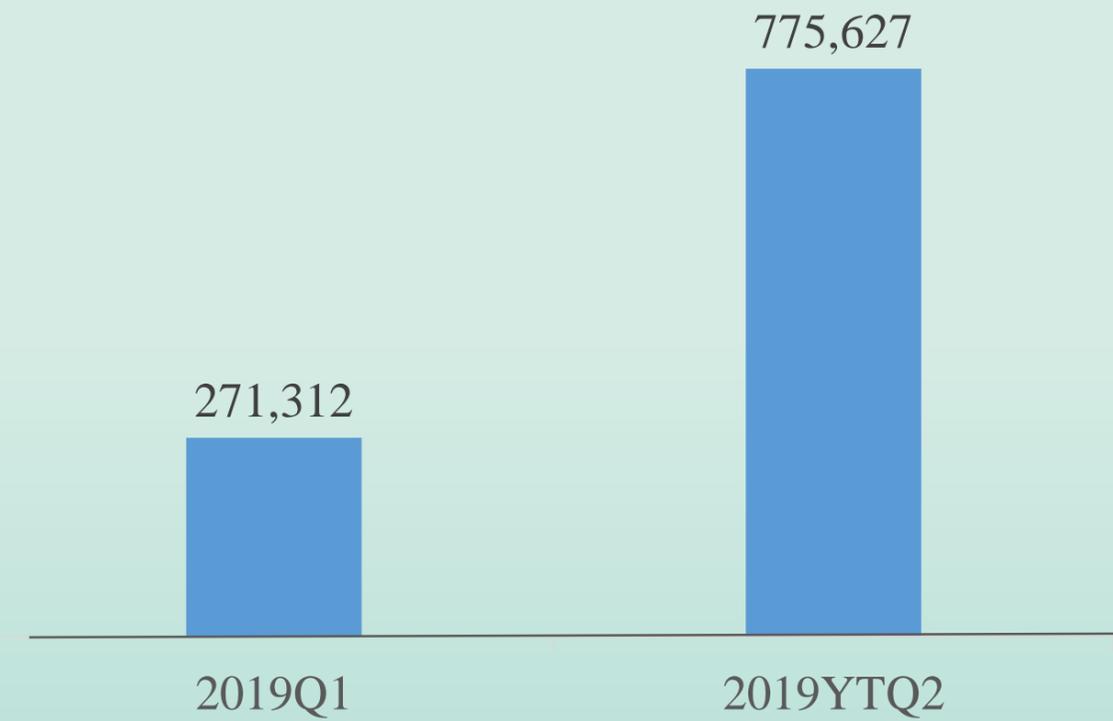
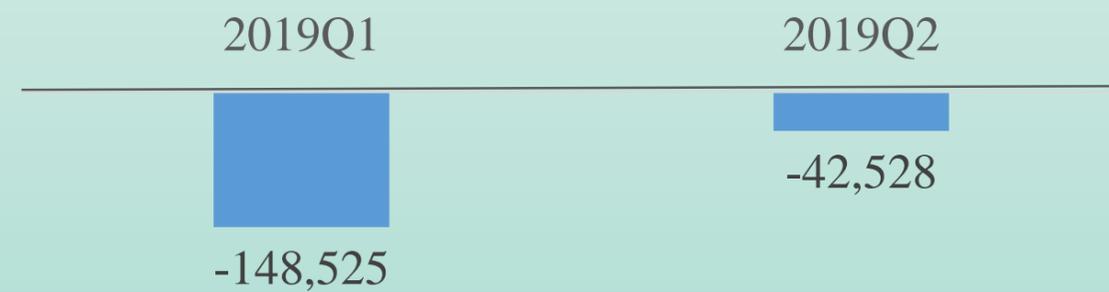
Turkey & Portugal: Cement Net Income

Unit: Thousand/NT\$



Turkey

Portugal



We Appreciate You for Listening



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