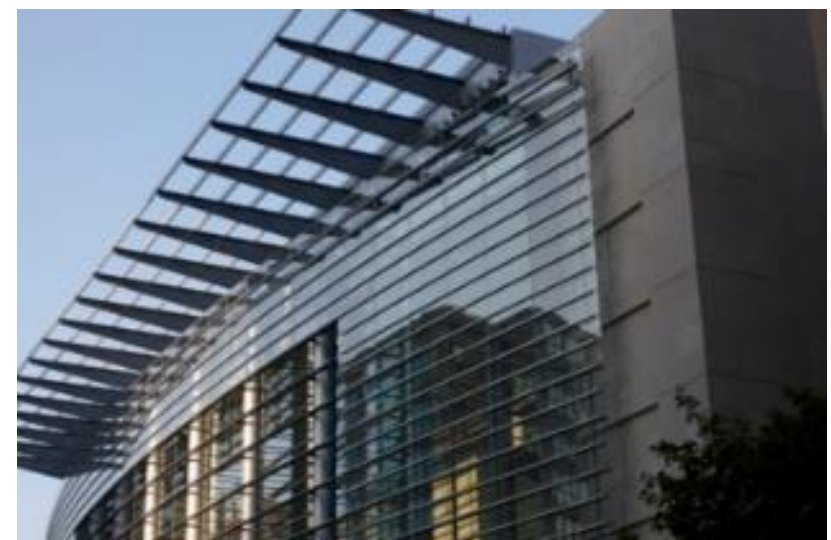


Environmental & Social Resilience Trends

Hospitality Tomorrow
12 May 2020



Singapore
5 Shenton Way
UIC Building #10-01
Singapore 068808
www.greenview.sg


GREENVIEW

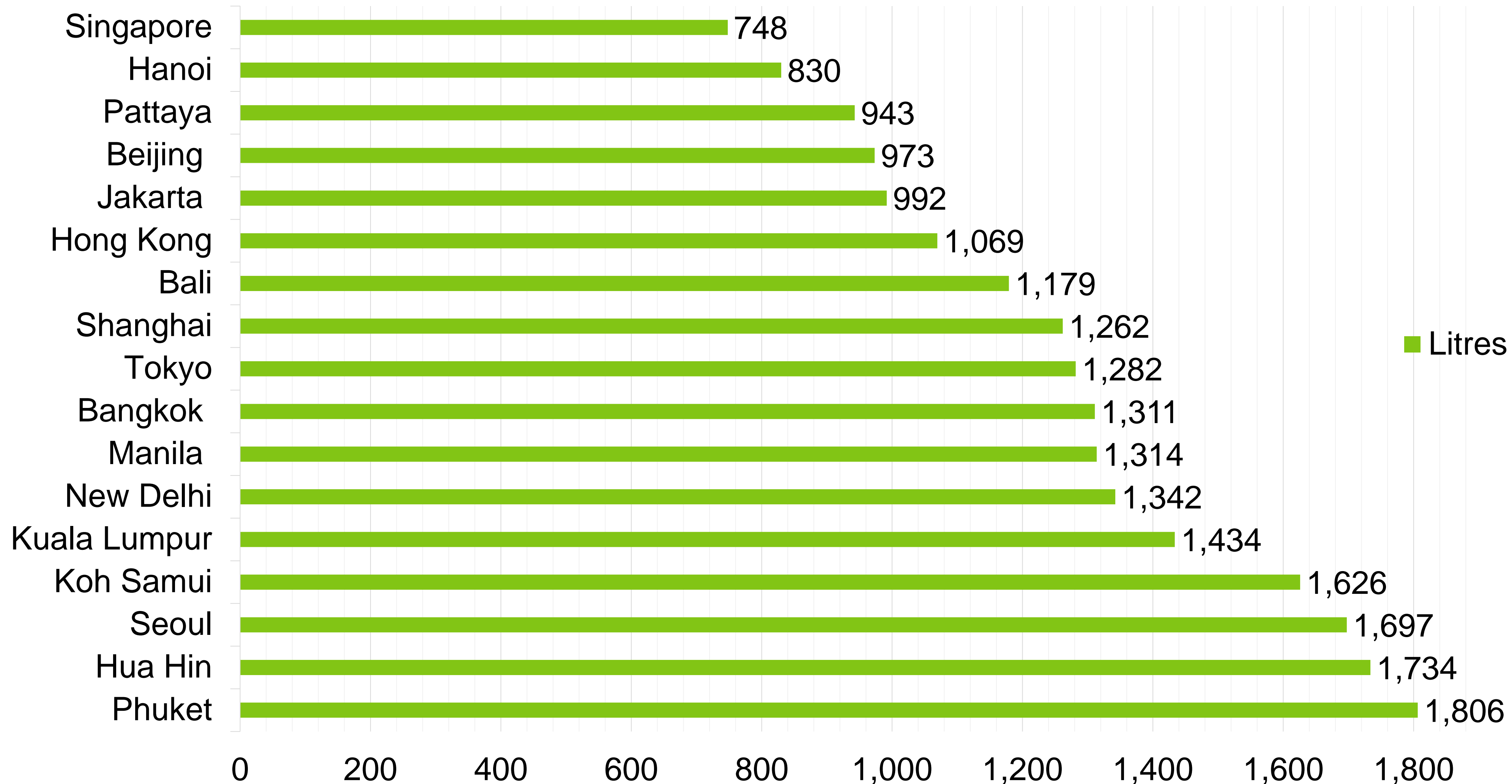


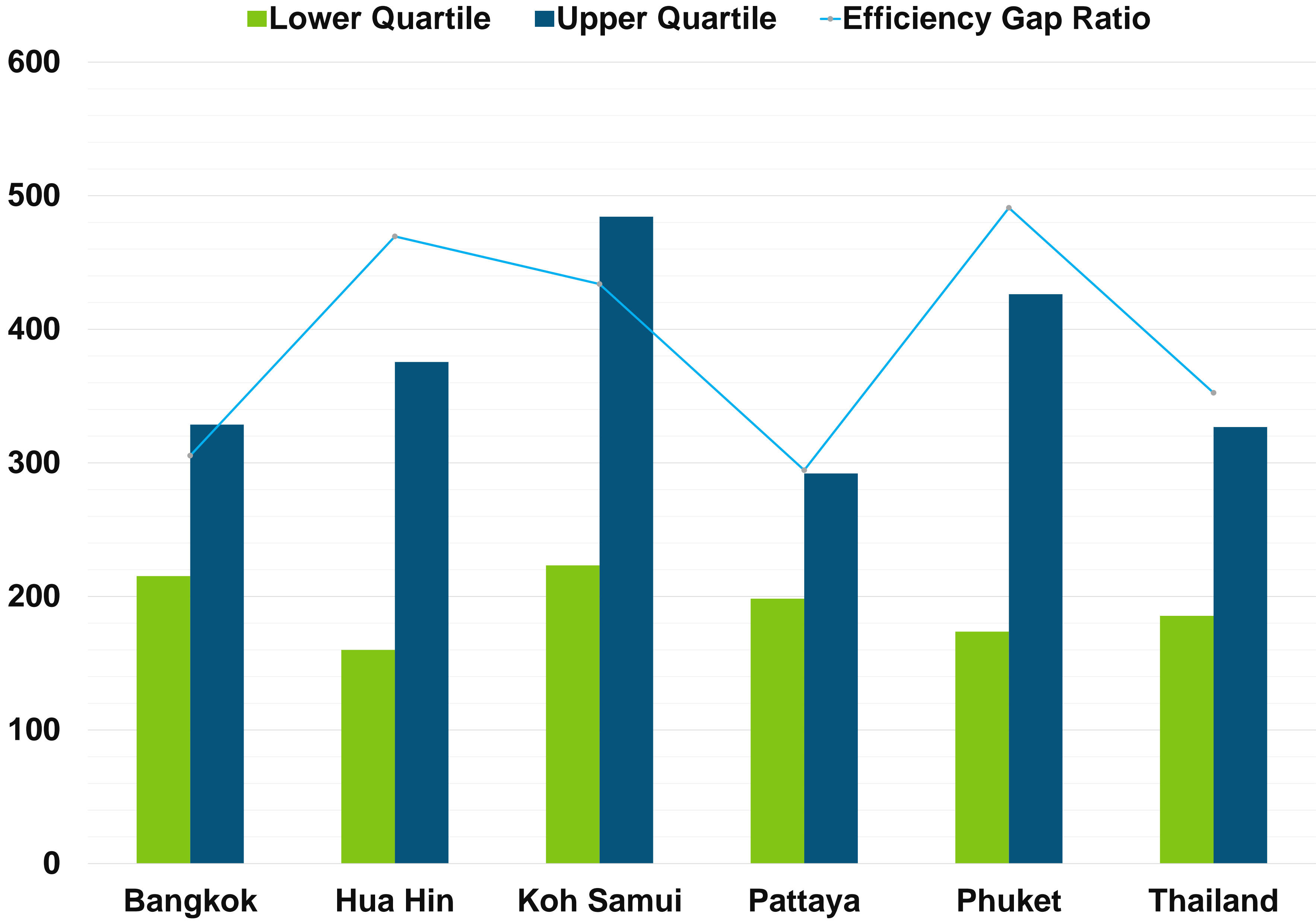
WE LOVE
BENCHMARKING!!!



HOTEL WATER USAGE PER OCCUPIED ROOM (L)

FULL-SERVICE HOTELS - CITIES

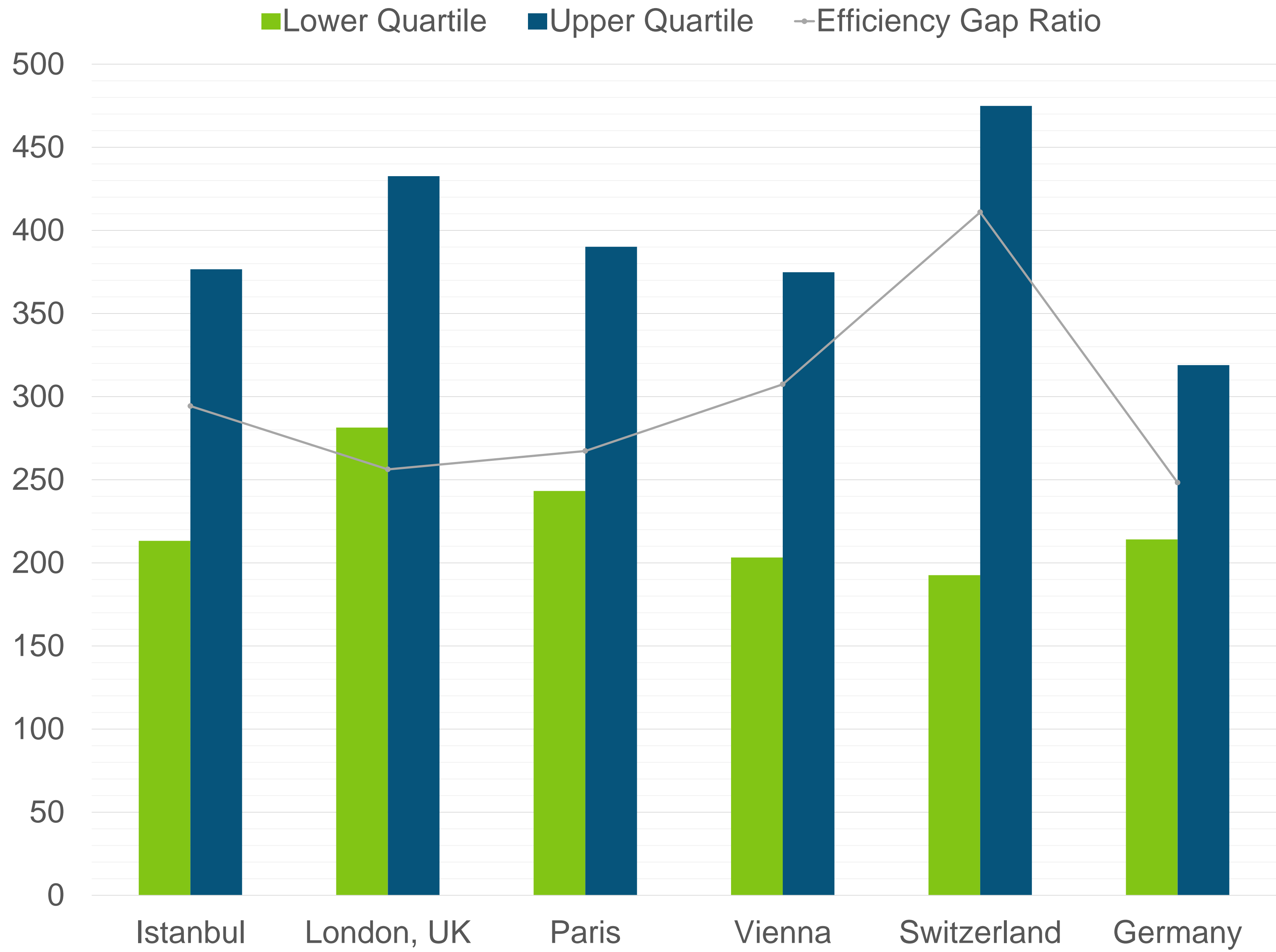




HOTEL ENERGY USAGE PER SQUARE METER (kWh)

FULL-SERVICE HOTELS

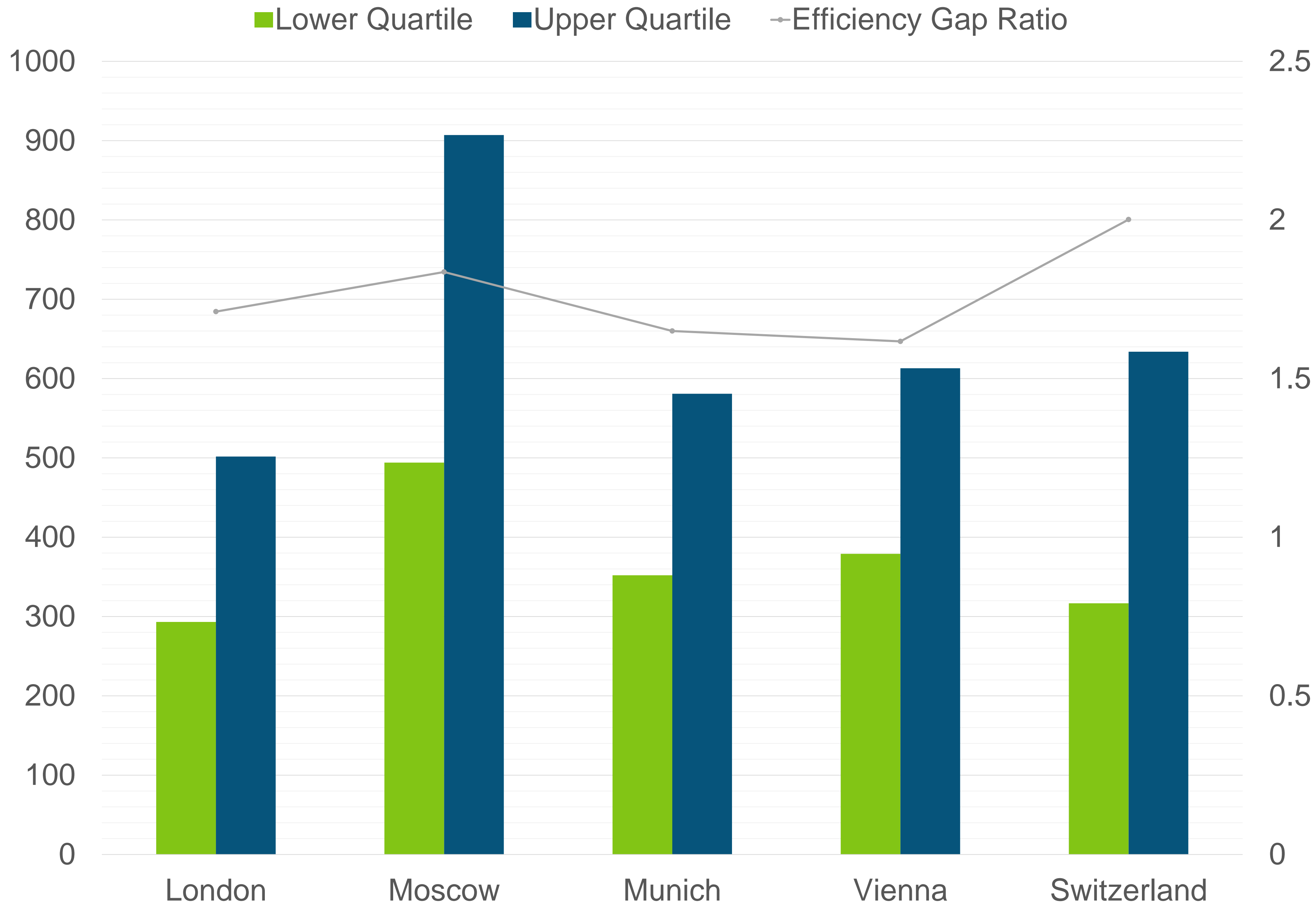




HOTEL ENERGY USAGE PER SQUARE METER (kWh)

FULL-SERVICE HOTELS

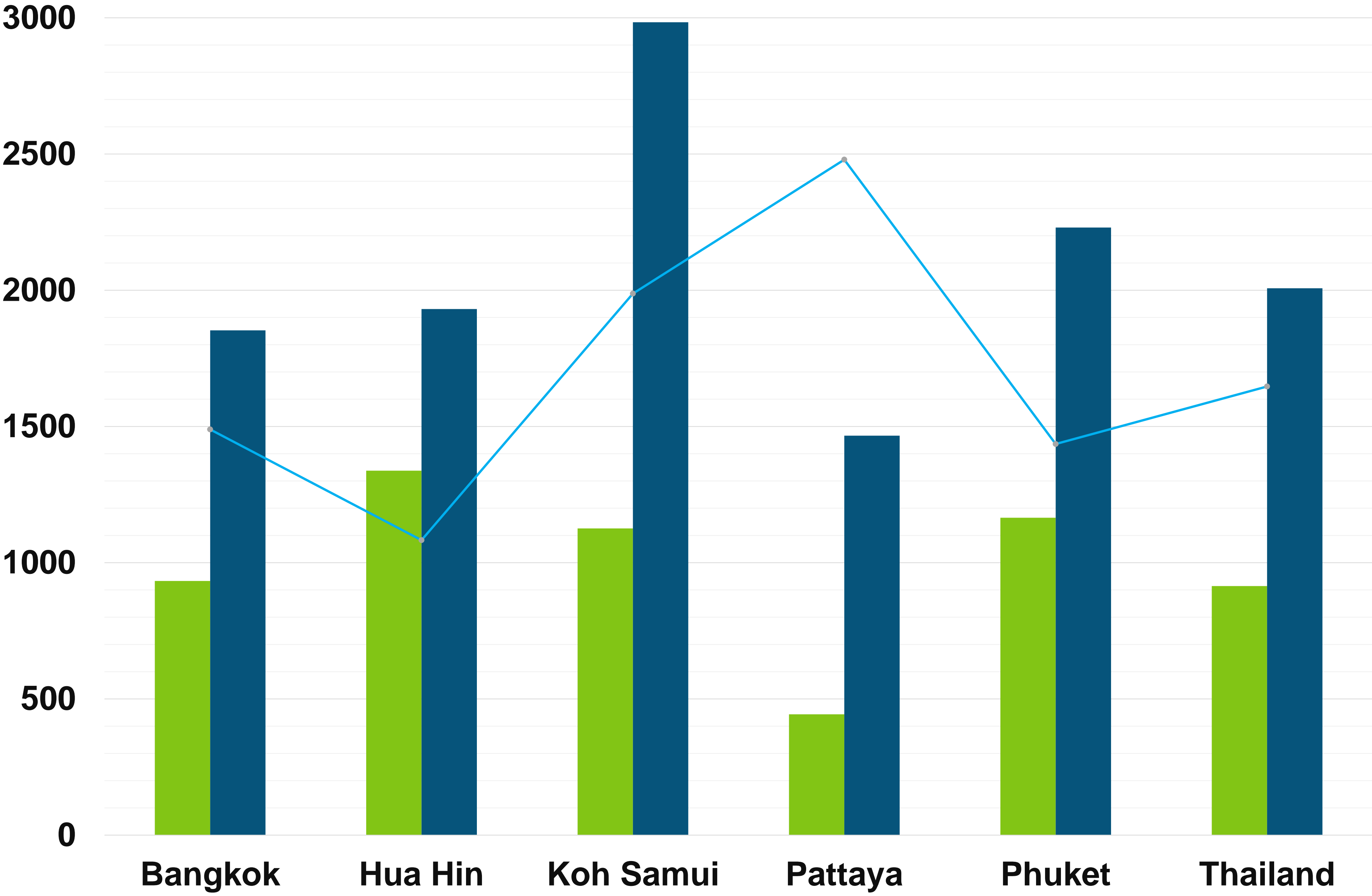




HOTEL WATER USAGE PER OCCUPIED ROOM (L)

FULL-SERVICE HOTELS

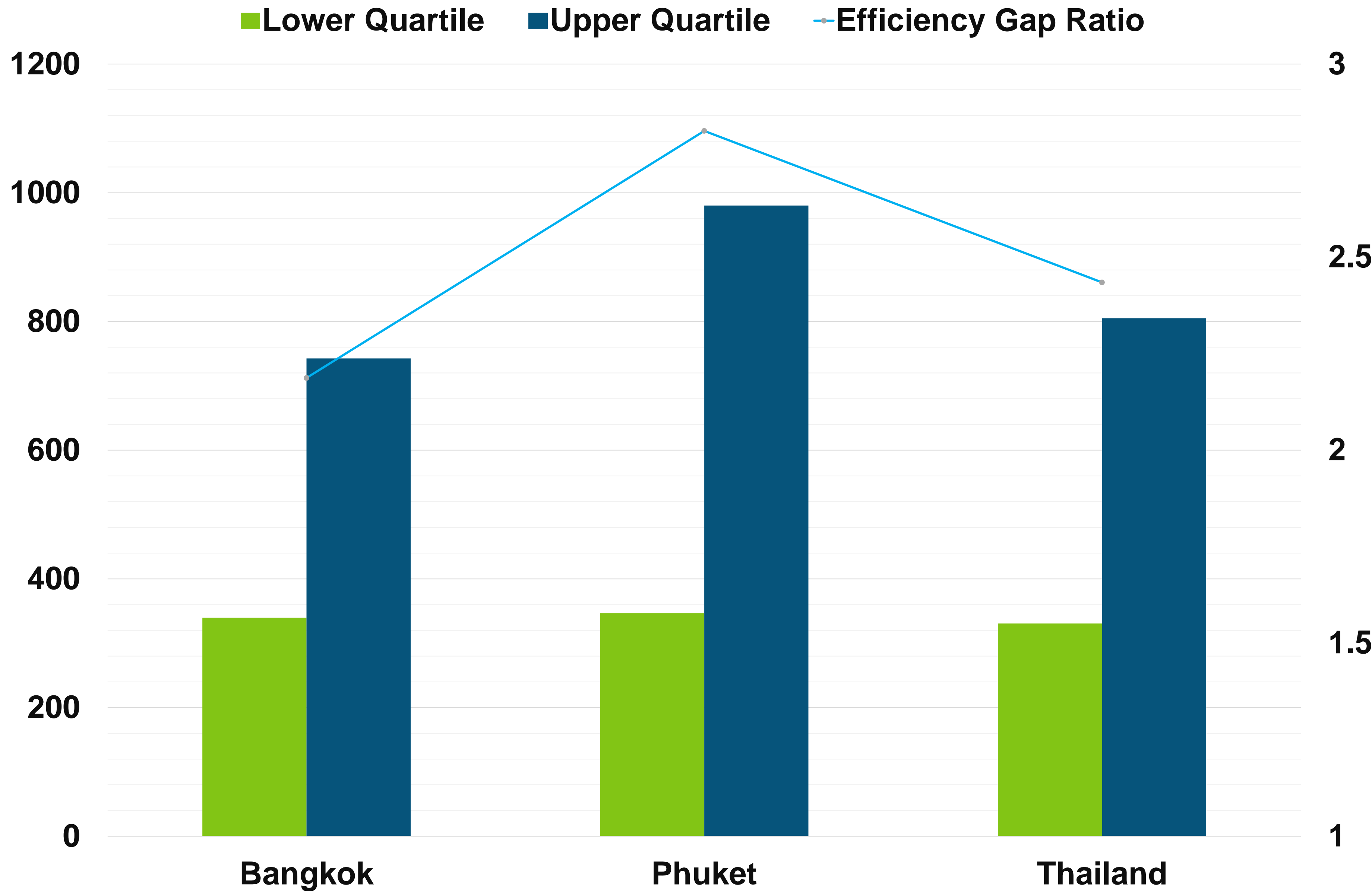
■ Lower Quartile ■ Upper Quartile — Efficiency Gap Ratio



HOTEL WATER USAGE PER OCCUPIED ROOM (L)

FULL-SERVICE HOTELS



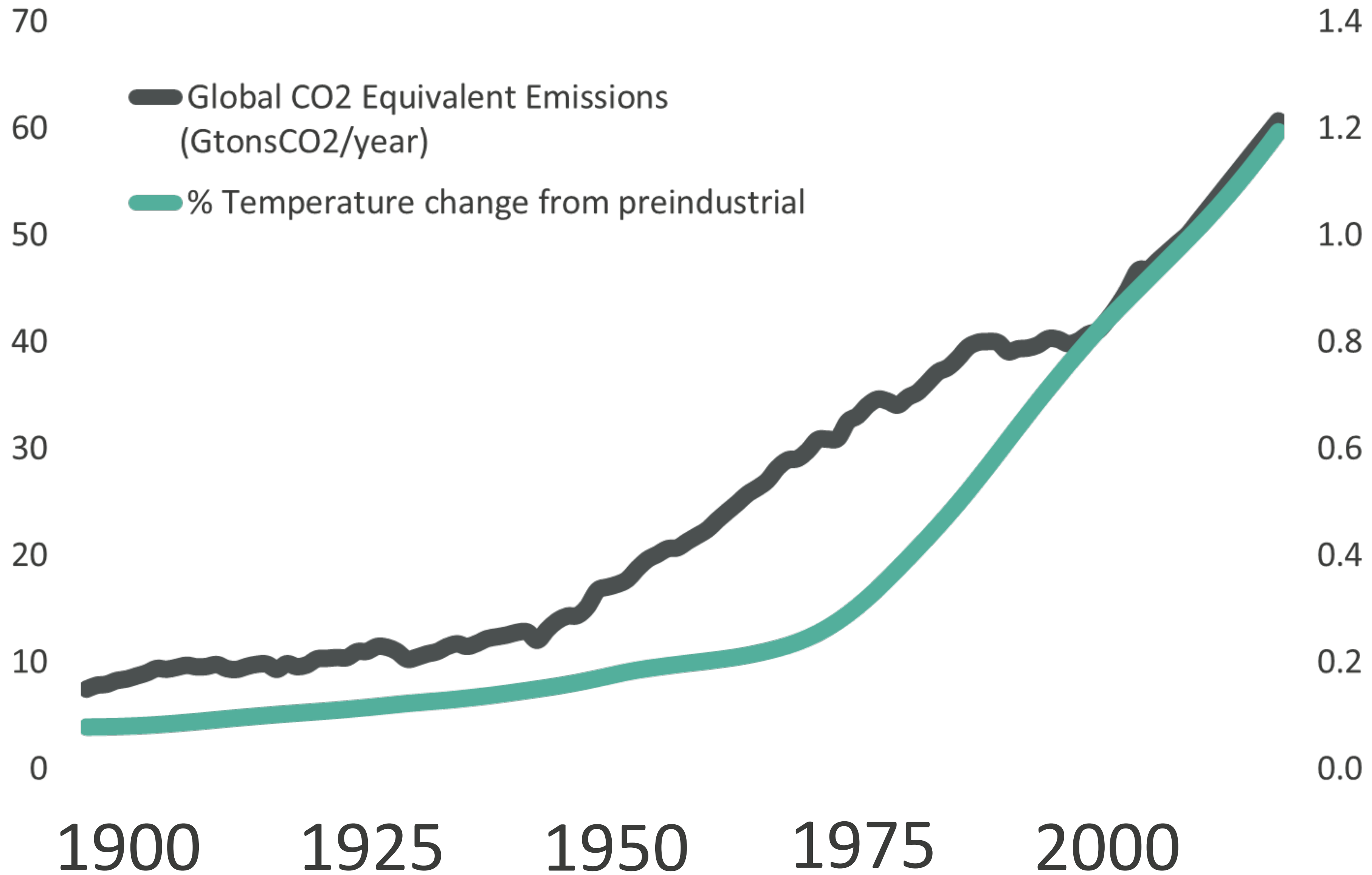


HOTEL WATER USAGE PER OCCUPIED ROOM (L)

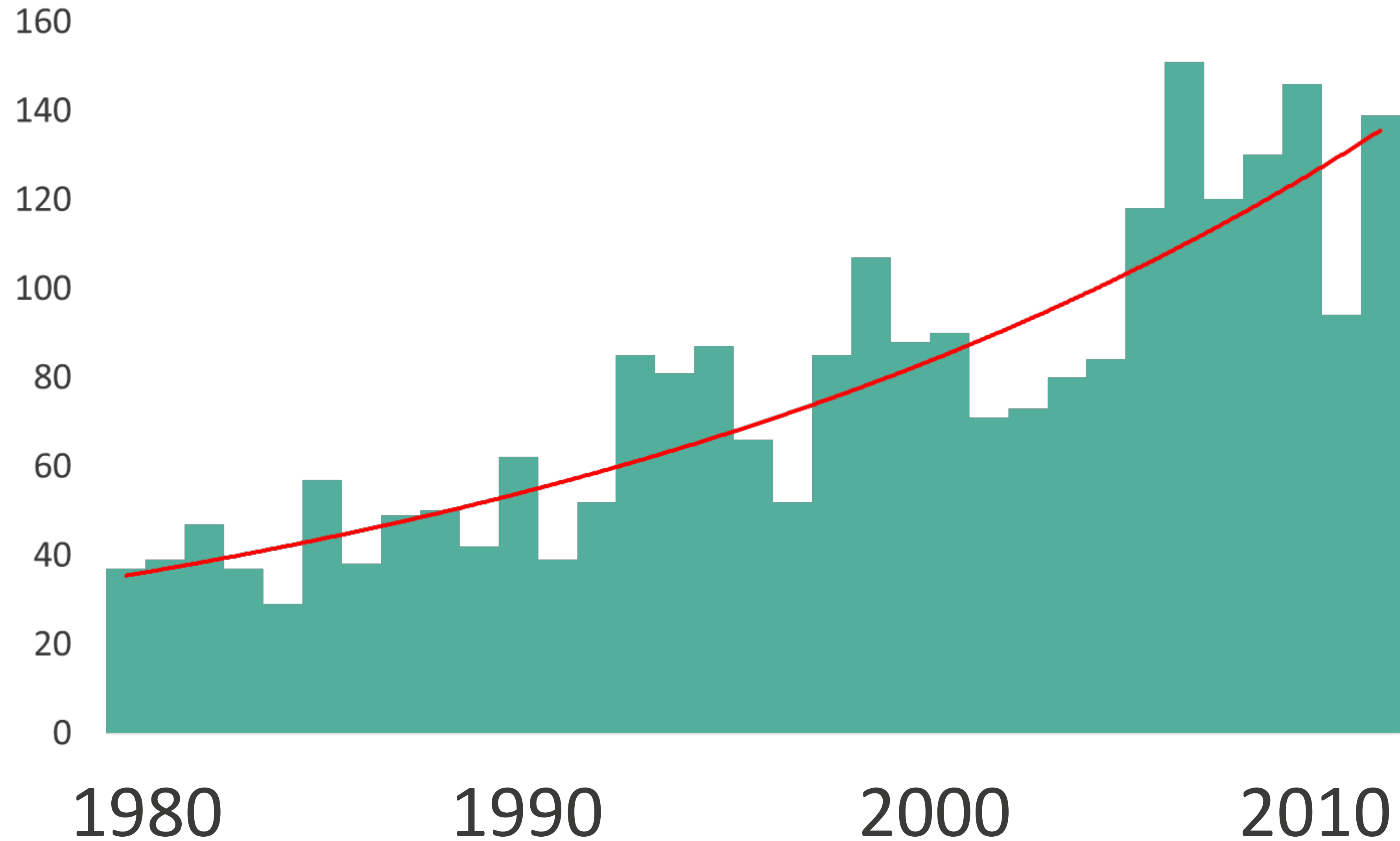
LIMITED-SERVICE HOTELS



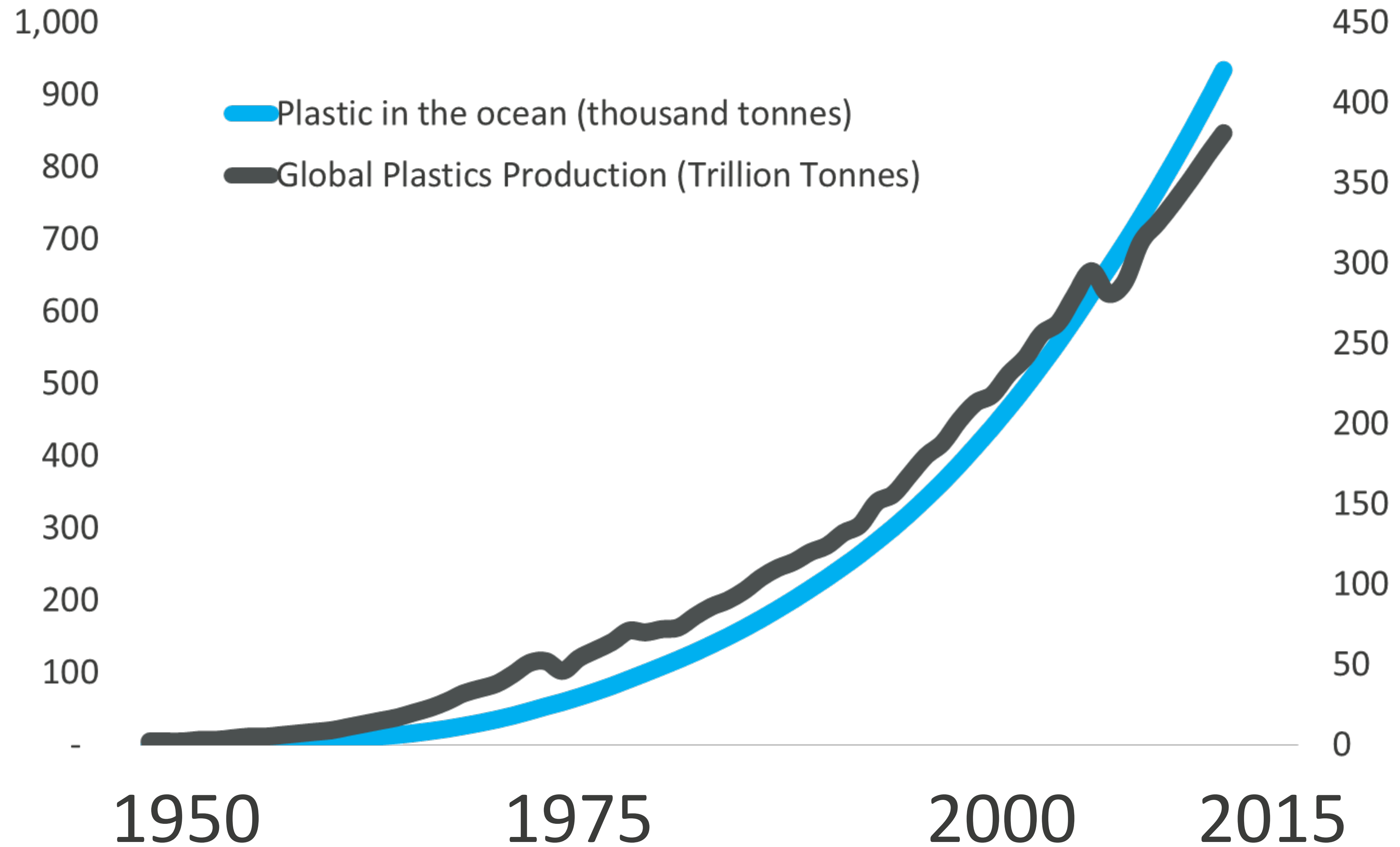
CO2 and Temperature growth since 1900



No of extreme weather-related events in Asia



Plastic - Not Fantastic



WATER AND CLIMATE RISKS ARE REAL

Location	Precipitation Change	Temperature Change	Sea-level Rise	Baseline Water Stress	Projected 2030 Water Demand Increase	Drought Severity	Flood Occurrence	Water Cost Risk Premium	5 Year Cost Increase Outlook
Bangkok	High Reduction	Minimal Impact	Highly Vulnerable	Extremely High	1.2x	Medium - High	Low	0.1x	Low
Chiang Mai	Very High Reduction	Minimal Impact	No Vulnerability	Extremely High	1.2x	Medium	High	6.0x	High
Hua Hin	Extreme Reduction	Moderate Impact	No Vulnerability	Low	1.7x	Medium	High	5.6x	High
Koh Samui	High Reduction	Minimal Impact	Highly Vulnerable	Low - Medium	1.2x	Medium	High	5.6x	High
Krabi	High Reduction	Moderate Impact	No Vulnerability	Low	1.2x	Medium	High	5.5x	High
Phuket	Minimal Change	Minimal Impact	No Vulnerability	Low	1.2x	Medium	High	5.5x	High
Rayong	Very High Reduction	Moderate Impact	No Vulnerability	Medium - High	1.4x	Medium - High	Low - Medium	5.8x	High

