



# Energy and Water Performance of DUBAI SCHOOLS

المجلس الأعلى للطاقة  
Supreme Council of Energy

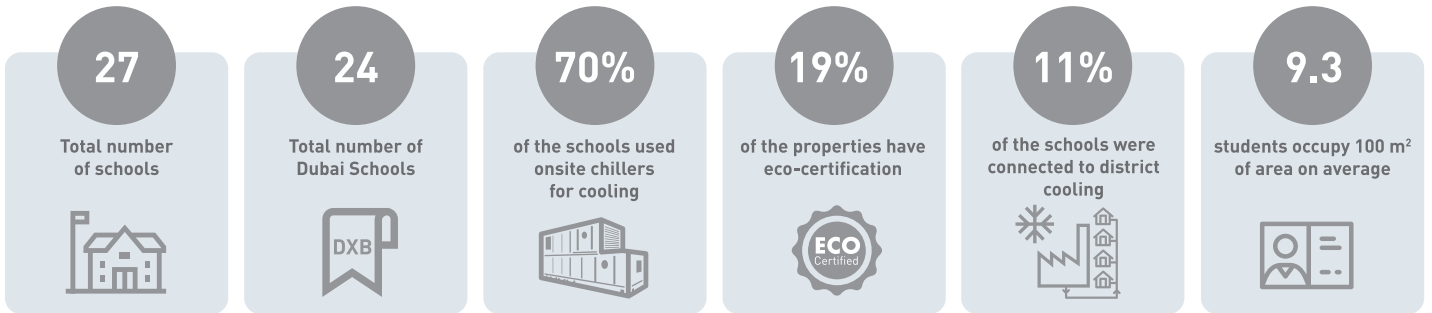


In partnership with

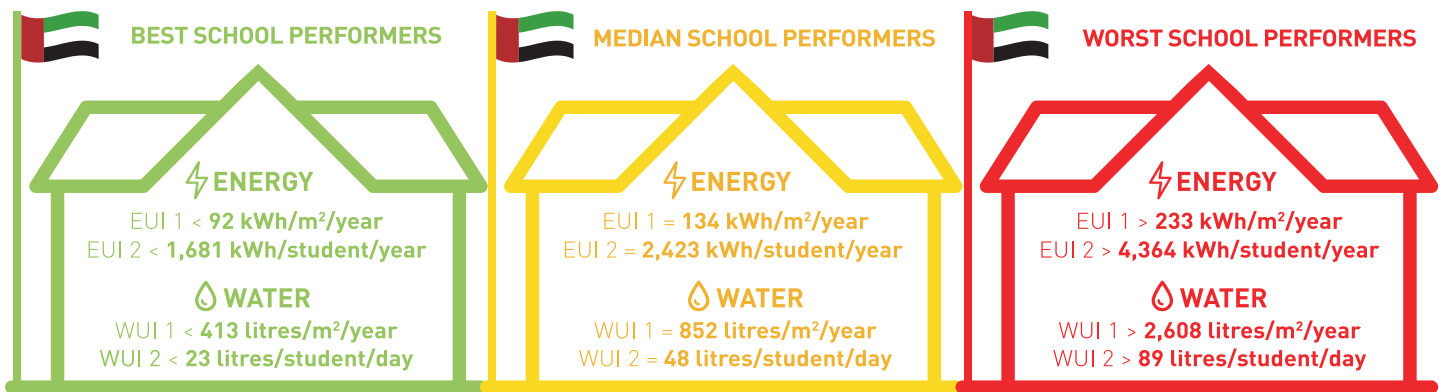


## Overview

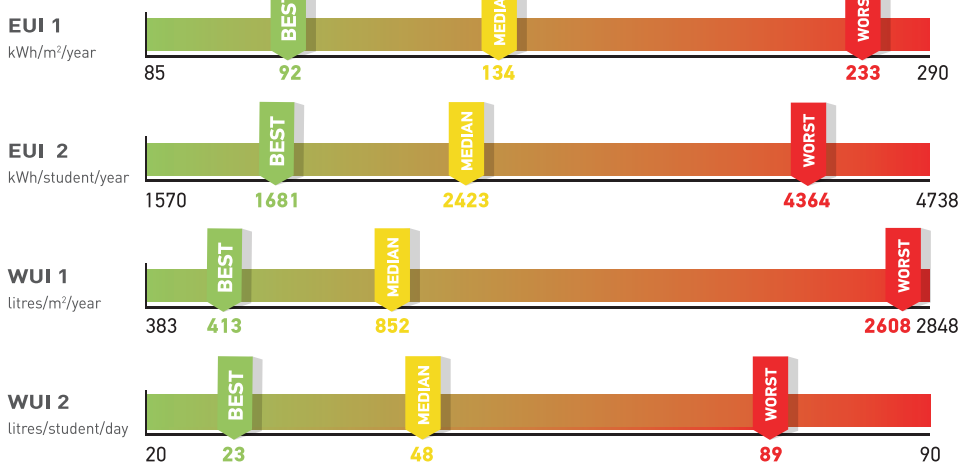
EmiratesGBC conducted the Schools Benchmarking Project as part of Dubai's commitment to the Building Efficiency Accelerator (BEA) Initiative to establish energy and water benchmarks to support the retrofit market and drive policy makers in developing strategies. Read the full Report on the EmiratesGBC's benchmarking web page.



## Key Findings



## Key Results



## Best vs Worst Performers

The best performers consume **61% less energy** per area than worst performers

The best performers consume **84% less water** per area than worst performers

EUI 1: The Energy Use Intensity 1 is the total energy used by the property (i.e. the onsite electricity and district cooling) divided by the gross conditioned floor area.  
 EUI 2: The Energy Use Intensity 2 is the total energy used by the property divided by the total number of students.  
 WUI 1: The Water Use Intensity 1 is the total water used by the property divided by the gross conditioned floor area.  
 WUI 2: The Water Use Intensity 2 is the total water used by the property per day divided by total number of students.  
 The 5<sup>th</sup> percentile and the 95<sup>th</sup> percentile values were used as a scale to define the best performers and worst performers, respectively.