



**CONTINEWM® Nets**  
**FRANCE EMBASSY in THAILAND**  
**Real Life Conditions**  
**Performance Monitoring Report**



Liberté • Égalité • Fraternité  
RÉPUBLIQUE FRANÇAISE

AMBASSADE DE FRANCE  
EN THAÏLANDE

**Update :**

05<sup>th</sup> July 2018

**Object :**


Endorsement of energy saving results on chiller system  
measured at the Embassy of France in Bangkok

Client	Embassy of France - Bangkok	Type	Complete Administrative building - Highly Energy Efficient building
Conditions	Real Life occupation & utilisation of the building (3 Months)	A/C technology	<b>Central Chiller system</b>
Yearly CO2 reduction	<b>80.15 tons</b>	<b>Energy Saving On chiller consumption</b>	<b>Average = 26.5%</b> <b>Daily Peak = 40.7%</b>

• Test result:

- Measurement of the performance by comparison of the electricity consumptions measured by electrical meters specifically installed on the complete building's air conditioning chiller system of the French Embassy administrative building WITHOUT and WITH CONTINEWM® Net (Total 6 AHU + 152 FCU).
- Period: March to June 2018 - Hottest season in Thailand
- Comparison done under strictly same conditions of occupancy and same meteorological conditions.
- Performance measured on average during the 3 months period of performance monitoring.
- Electrical consumption data measured by French Embassy Technicians
- Meteorological data certified by the Thai Meteorological Department
- Performance: **26.5% electricity consumption saving on average** with CONTINEWM® Net. Saving performance measured on the total air conditioning chiller system electricity consumption.
- 441.75 kWh saving per calendar day, equivalent to **a reduction of CO<sub>2</sub> emission of 80.15 tons per year.** (On average in Thailand 1kWh produced emits 0.497 kg of CO<sub>2</sub> - 2016 Update from Energy Policy and Planning Office (EPPO))

Read and approved by:



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