

# MARKAS PANGKALAN LUMUT (LCC-Z-A080-02-0001)

Element	Total Carbon Emissions		Reduction Achieved		Diamond Level
	2017 (B) tCO <sub>2</sub> /yr	2018 (A) tCO <sub>2</sub> /yr	(B-A) tCO <sub>2</sub> /yr	%	
Energy	47,929.89	46,699.88	1,230.01	2.57	1 D
Water	2,073.63	2,064.35	9.28	0.45	0 D
Waste	5,072.18	5,072.18	0	0	0 D
Mobility	1,833.25	1,677.24	156.01	8.51	2 D
<b>Total Emissions</b>	<b>56,908.95</b>	<b>55,513.65</b>	<b>1,395.30</b>	<b>2.45</b>	
Element	Total Carbon Sequestrations		Sequestration Increased		Diamond Level
	2017 (B) tCO <sub>2</sub> /yr	2018 (A) tCO <sub>2</sub> /yr	(A-B) tCO <sub>2</sub> /yr	%	
Greenery & Water Bodies	6,159.00	6,159.00	0	0	0 D
<b>Total Sequestrations</b>		<b>6,159.00</b>			

This is to verify that  
*TENTERA LAUT DIRAJA MALAYSIA*







for the

*MARKAS PANGKALAN LUMUT*

Low Carbon Zone under Majlis Perbandaran Manjung has successfully reduced its GHG emissions by **2.45%**

since 2017 across 4 elements which is equivalent to  
**1,395.30 tCO<sub>2</sub>e**

and has maintained its carbon sequestration potential  
of **6,159.00 tCO<sub>2</sub>/year**

ELEMENT	REDUCTION ACHIEVED	DIAMOND LEVEL
ENERGY	2.57%	 
WATER	0.45%	
WASTE	0%	
MOBILITY	8.51%	 
ELEMENT	SEQUESTRATION	DIAMOND LEVEL
GREENERY	Maintained	