



# LCC 2030 CHALLENGE DATA FILE (LCC ZONE)

REG. NO.	MGTC/DC/REC/LCC-011
REVISION	1
DATE	09/06/2022

### USER GUIDE:

This data file will be used to support Local Authorities, Universities and Other Users in calculating the greenhouse gas emissions according to the requirements of the Low Carbon Cities 2030 Challenge (LCC2030C).  
The output from this file will be used in the Provisional and Diamond Report. This data file will also be used as the main reference document during the Provisional & Diamond Audit.

<b>LCC REGISTRATION NO:</b>	LCC-Z-M040-04-0002
<b>LCC ZONE / PBT:</b>	UNIVERSITI TEKNIKAL MALAYSIA MELAKA/ MAJLIS PERBANDARAN HANG T
<b>ORGANISATION NAME:</b>	UNIVERSITI TEKNIKAL MALAYSIA MELAKA
<b>TOTAL AREA (HA):</b>	14460.67
<b>LCC ZONE AREA (HA):</b>	310

Baseline Year	2015	Population Base Year	6500
Project Year	2021	Population Final Year	5327

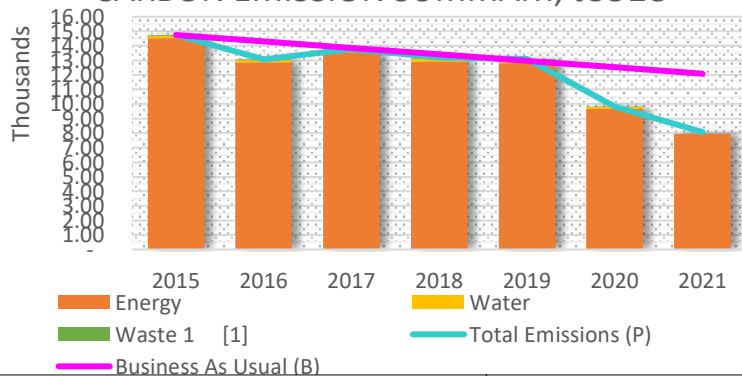
### CARBON EMISSION SUMMARY, tCO<sub>2</sub>e

Element	Method	Base year	2015	2016	2017	2018	2019	2020	2021
<b>Energy</b>	Actual	2015	14,532.33	12,869.90	13,546.66	12,898.29	12,791.60	9,669.46	7,943.26
<b>Water</b>	Actual	2015	142.48	137.02	160.08	236.14	223.37	126.42	92.78
Type 1 or 2	Waste Option	<u>1</u>							
<b>Waste 1 [1]</b>	Actual	2015	69.93	66.16	73.66	83.09	79.67	18.45	39.39
<b>Waste 2 [2]</b>	Estimate	2015	-	-	-	-	-	-	-
Type 3 or 4	Mobility Option	<u>3</u>							
<b>Mobility 1 [3]</b>	Actual	2015	-	-	-	-	-	-	-
<b>Mobility 2 [4]</b>	Estimate	2015	-	-	-	-	-	-	-
<b>Total Emissions (P)</b>			14,744.74	13,073.08	13,780.40	13,217.52	13,094.64	9,814.33	8,075.43
(Adjusted Baseline)	<b>Business As Usual (B)</b>		14,744.74	14,301.19	13,857.64	13,414.09	12,970.53	12,526.98	12,083.43
<b>Reduction Achieved (B-P)</b>				1,228.11	77.24	196.57	124.10	2,712.65	4,008.00
<b>Percentage, % Reduction (B-P)/B</b>				8.59%	0.56%	1.47%	-0.96%	21.65%	33.17%
<b>Diamond Recognition</b>			Baseline Only	2 Diamond	In Going Effort	1 Diamond	Carbon Increase!	3 Diamond	4 Diamond

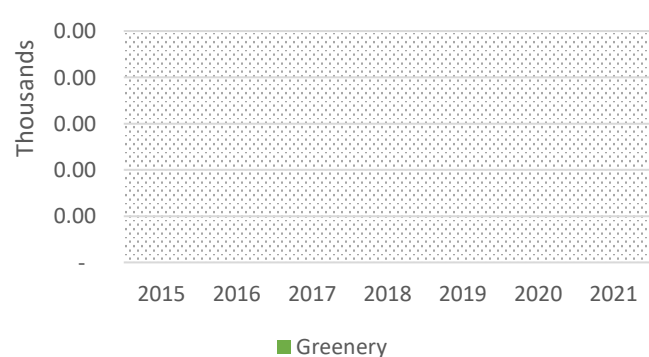
### CARBON SEQUESTRATION SUMMARY, tCO<sub>2</sub>e

Element	Method	Base year	2015	2016	2017	2018	2019	2020	2021
<b>Greenery</b>	Actual	2015	-	-	-	-	-	-	-
<b>Sequestration Increase</b>				-	-	-	-	-	-
<b>Percentage, % Increase</b>				-	-	-	-	-	-
<b>Diamond Recognition</b>			Baseline Only	N/A	N/A	N/A	N/A	N/A	N/A

CARBON EMISSION SUMMARY, tCO<sub>2</sub>e



CARBON SEQUESTRATION SUMMARY, tCO<sub>2</sub>e



**Remark:**  
1. Mobility d  
2. Population

FACILITATOR	PROJECT OWNER	AUDITOR
<b>Name:</b>	Name: Ts. Dr. Mohamad Fani bin Sulaima	Name:
<b>Date:</b>	Date:	Date: