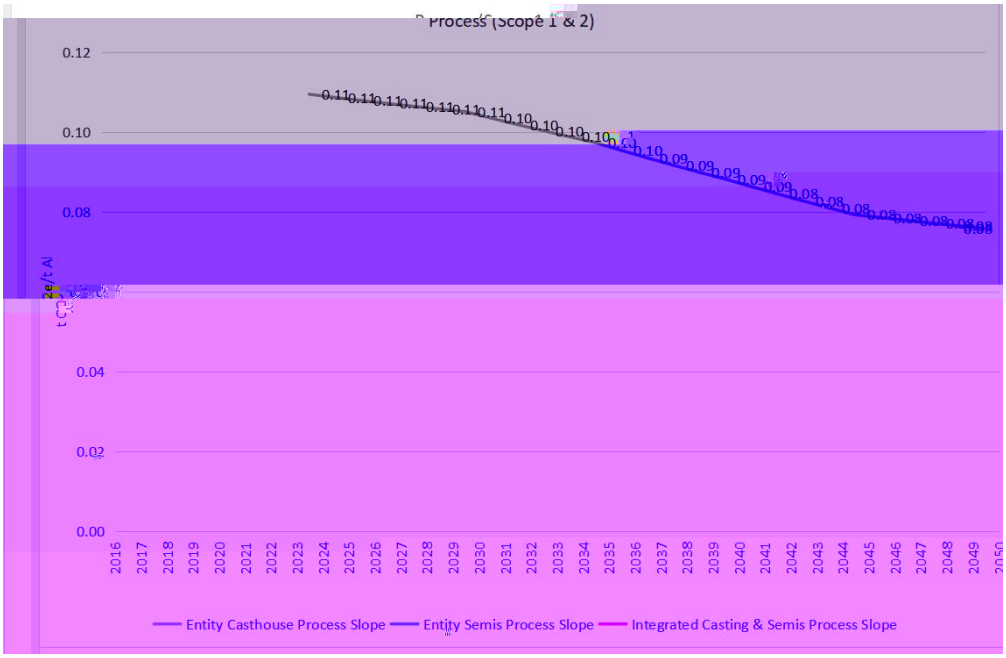
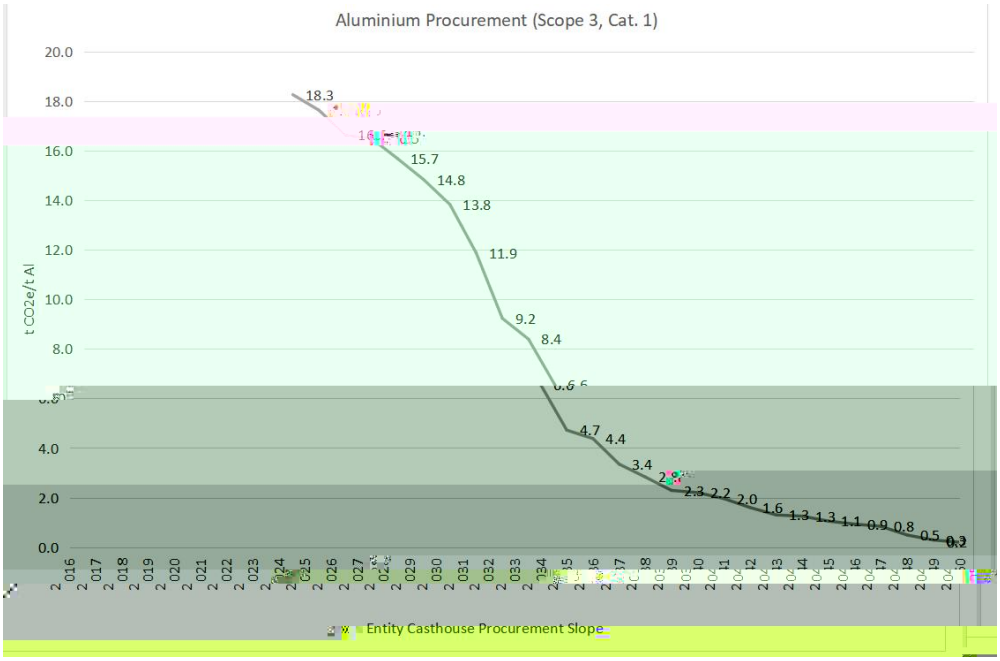
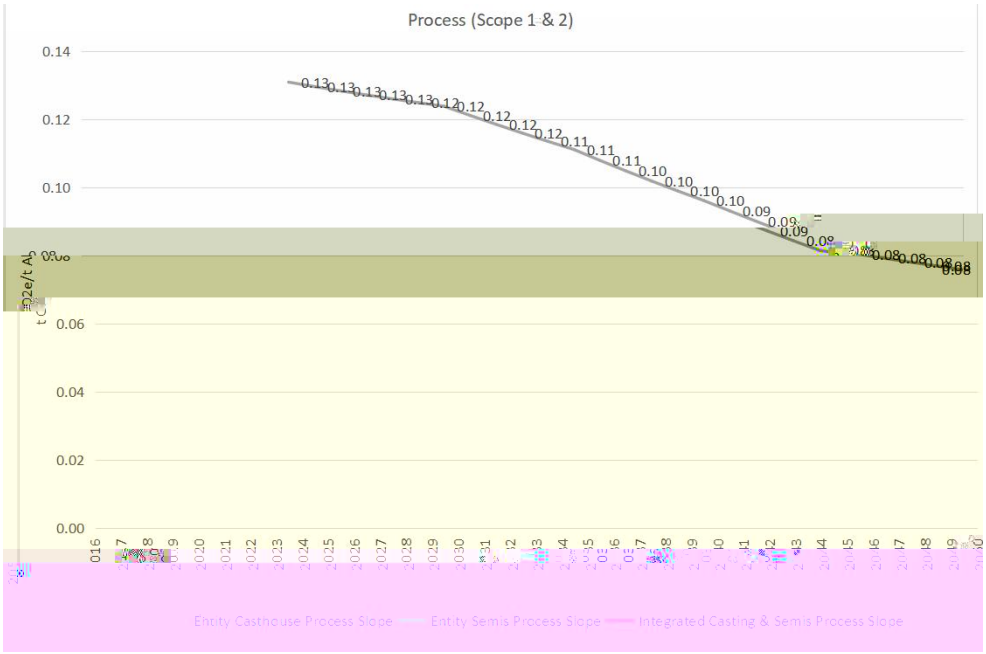
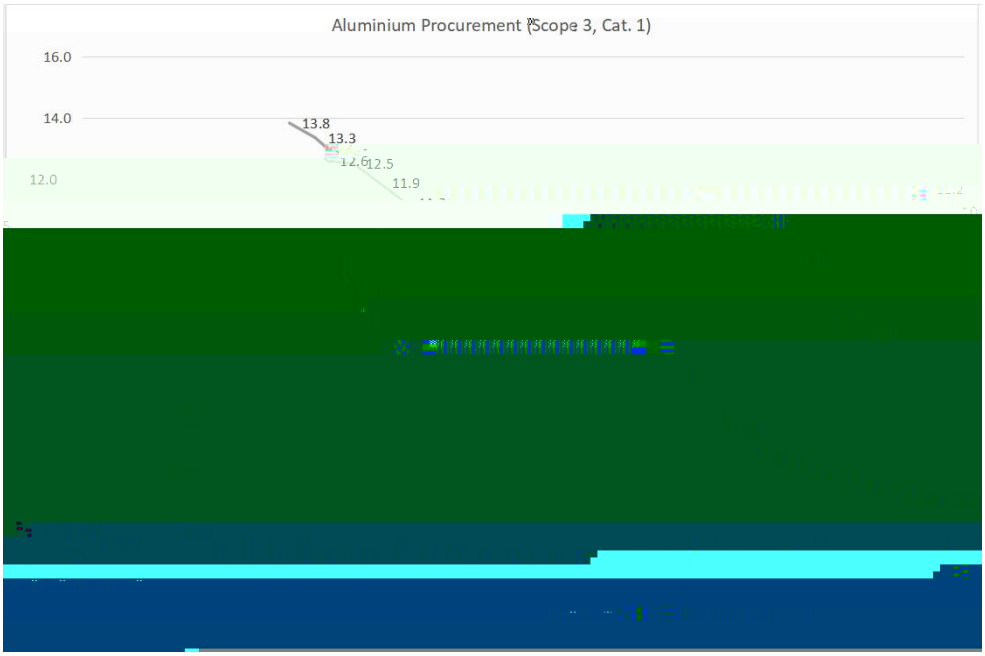


Process (Scope 1 & 2)
0.12
0.10
0.08
0.04
0.02
0.00
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
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2046
2047
2048
2049
2050
Entity Casthouse Process Slope
Entity Semis Process Slope
Integrated Casting & Semis Process Slope


Aluminium Procurement (Scope 3, Cat. 1)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
4.0
2.0
0.0
t CO2e/t Al
18.3
15.7
14.8
13.8
11.9
9.2
8.4
4.7
4.4
3.4
2.3
2.2
2.0
1.6
1.3
1.3
1.1
0.9
0.8
0.5
Entity Casthouse Procurement Slope


Process (Scope 1 & 2)
0.14
0.12
0.10
0.06
0.04
0.02
0.00
0.13 0.13 0.13 0.13 0.13 0.12 0.12 0.12 0.12 0.11 0.11 0.11 0.10 0.10 0.10 0.10 0.09 0.09 0.09 0.09
0.08 0.08 0.08 0.08
Entity Casthouse Process Slope
Entity Semis Process Slope
Integrated Casting & Semis Process Slope


Aluminium Procurement (Scope 3, Cat. 1)
16.0
14.0
12.0
13.8
13.3
12.6
12.5
11.9