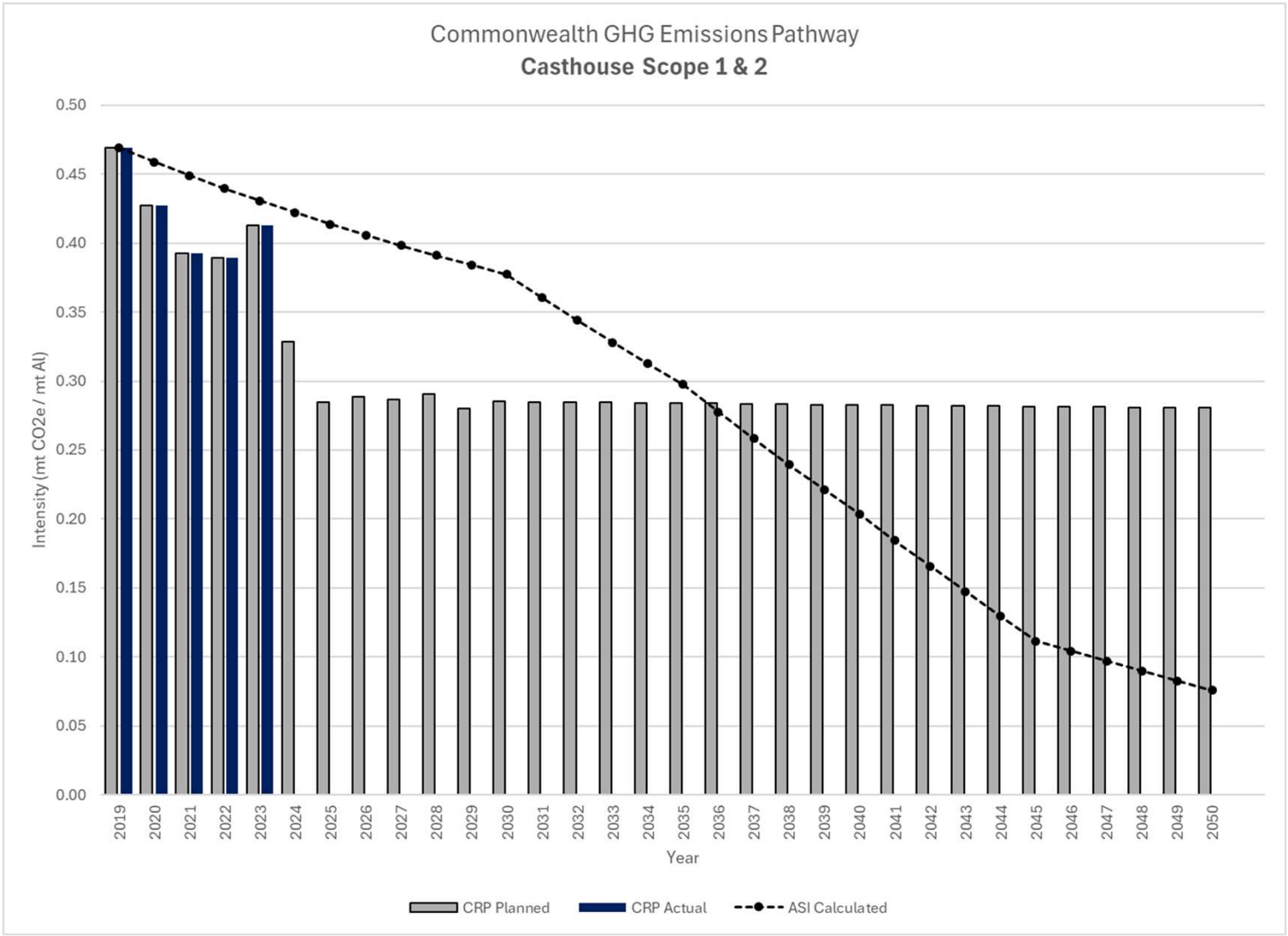
COMMONWEALTH™

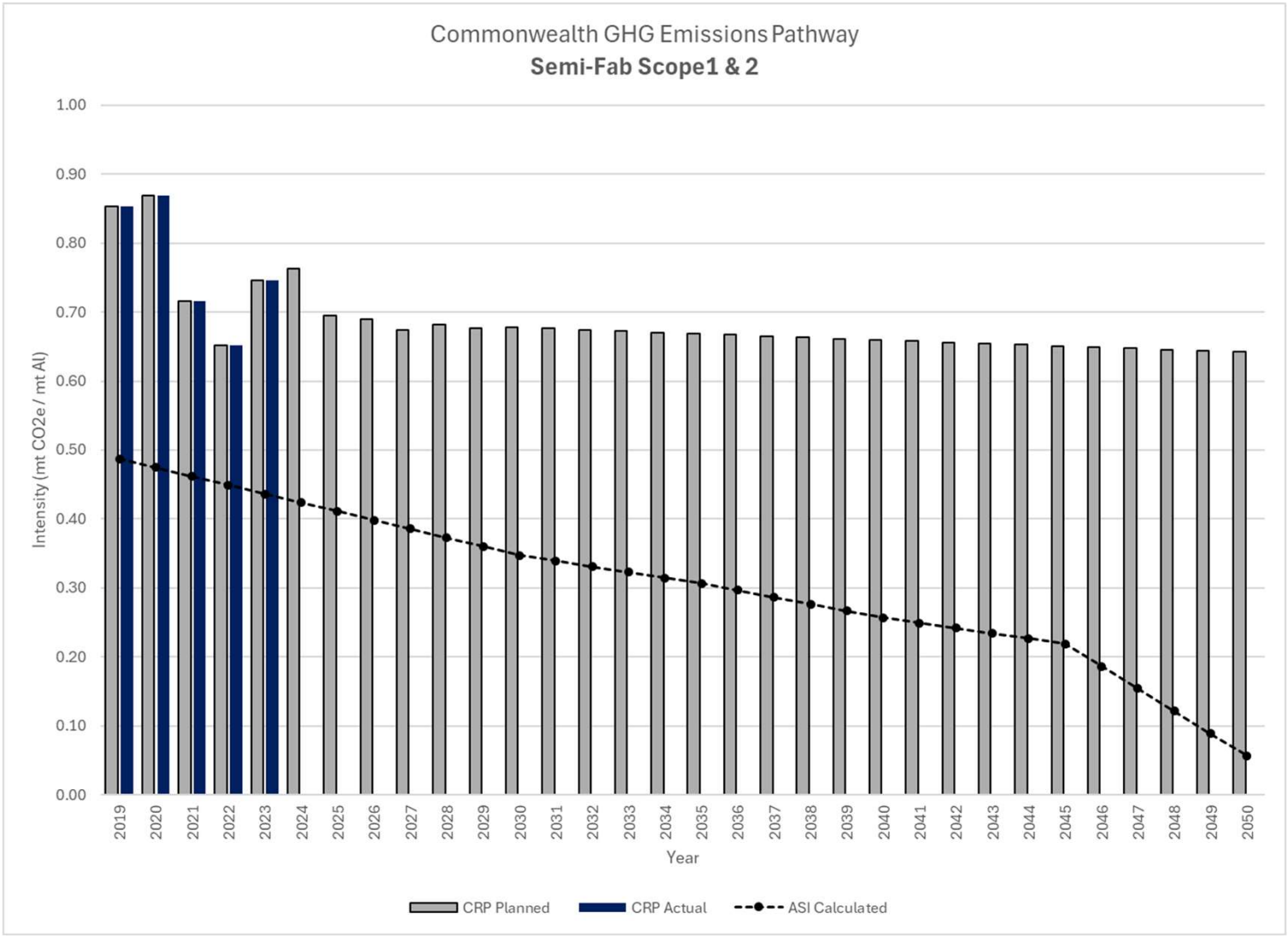
Rolled Products

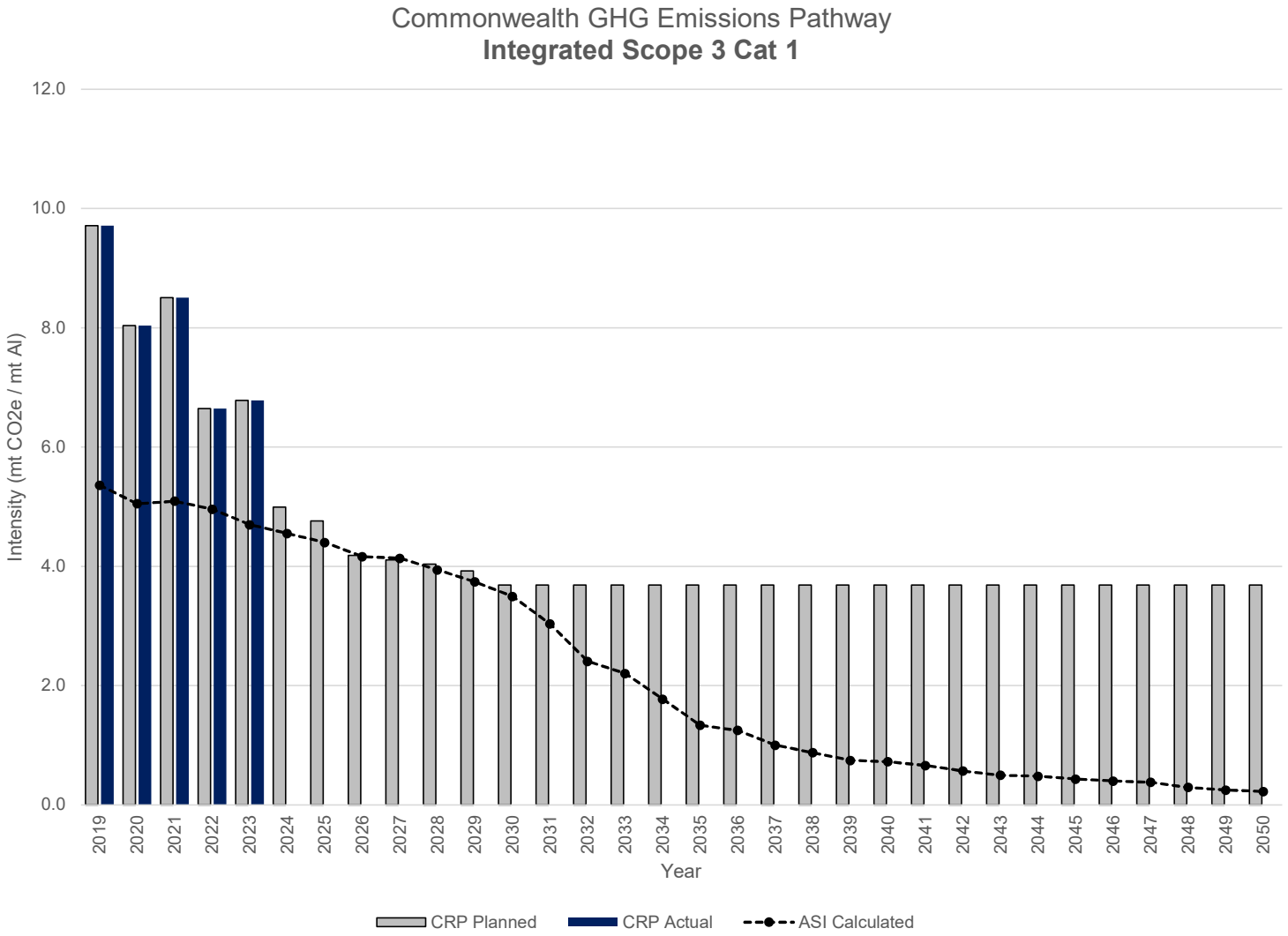
GHG Emissions Pathway

Notes:
(1) 2019 is the baseline year
(2) 2019-2023 show the actual CRP intensities
(3) 2024-2050 represent the current forecasted pathway

Commonwealth Restricted & Confidential


Commonwealth GHG Emissions Pathway
Casthouse Scope 1 & 2
Intensity (mt CO2e / mt Al)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
2037
2038
2039
2040
2041
2042
2043
2044
2045
2046
2047
2048
2049
2050
Year
CRP Planned
CRP Actual
ASI Calculated


Commonwealth GHG Emissions Pathway
Semi-Fab Scope1 & 2
Intensity (mt CO2e / mt AI)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
2037
2038
2039
2040
2041
2042
2043
2044
2045
2046
2047
2048
2049
2050
Year
CRP Planned
CRP Actual
ASI Calculated


Commonwealth GHG Emissions Pathway
Integrated Scope 3 Cat 1
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Intensity (mt CO2e / mt AI)
2019
2020
2021
2022
2023
2024
2025
2026
2027
2028
2029
2030
2031
2032
2033
2034
2035
2036
2037
2038
2039
2040
2041
2042
2043
2044
2045
2046
2047
2048
2049
2050
Year
CRP Planned
CRP Actual
ASI Calculated