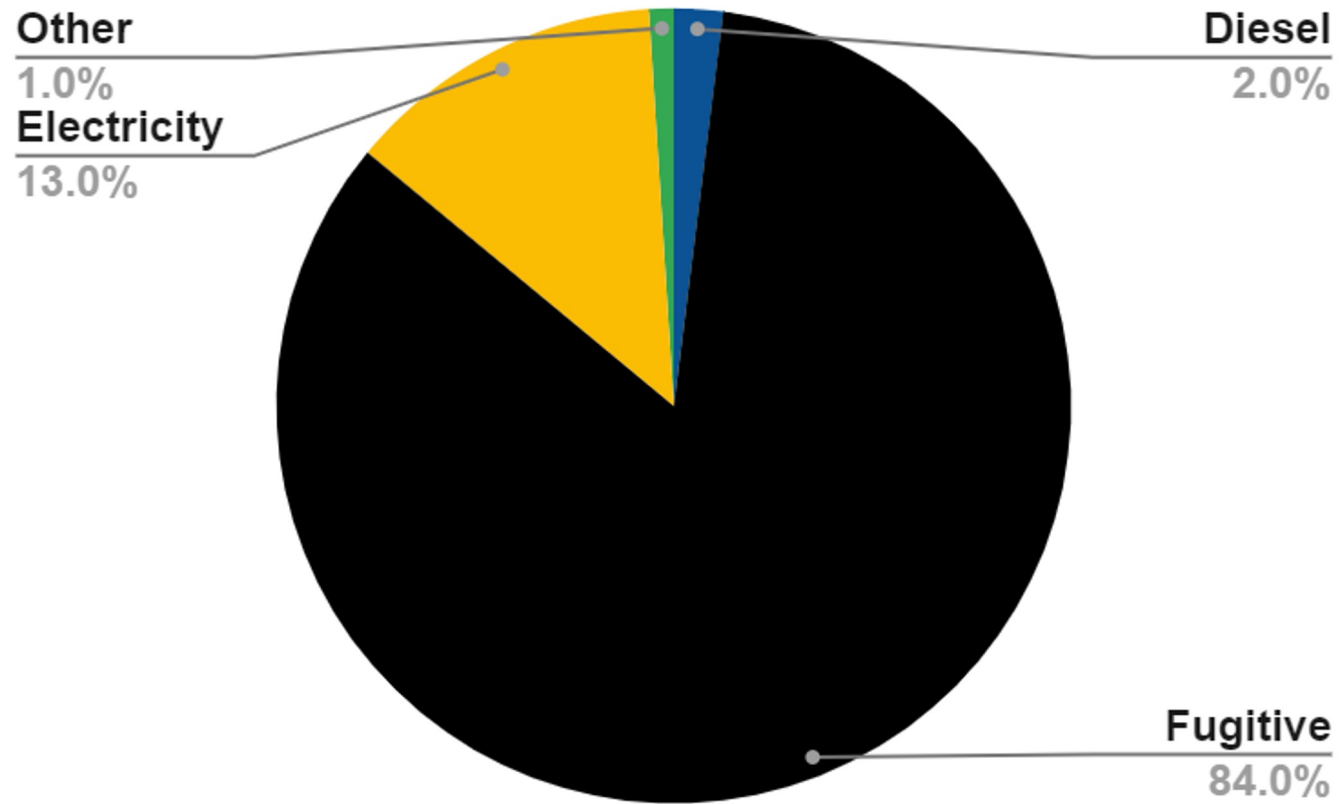


Emissions and the NSW mining sector

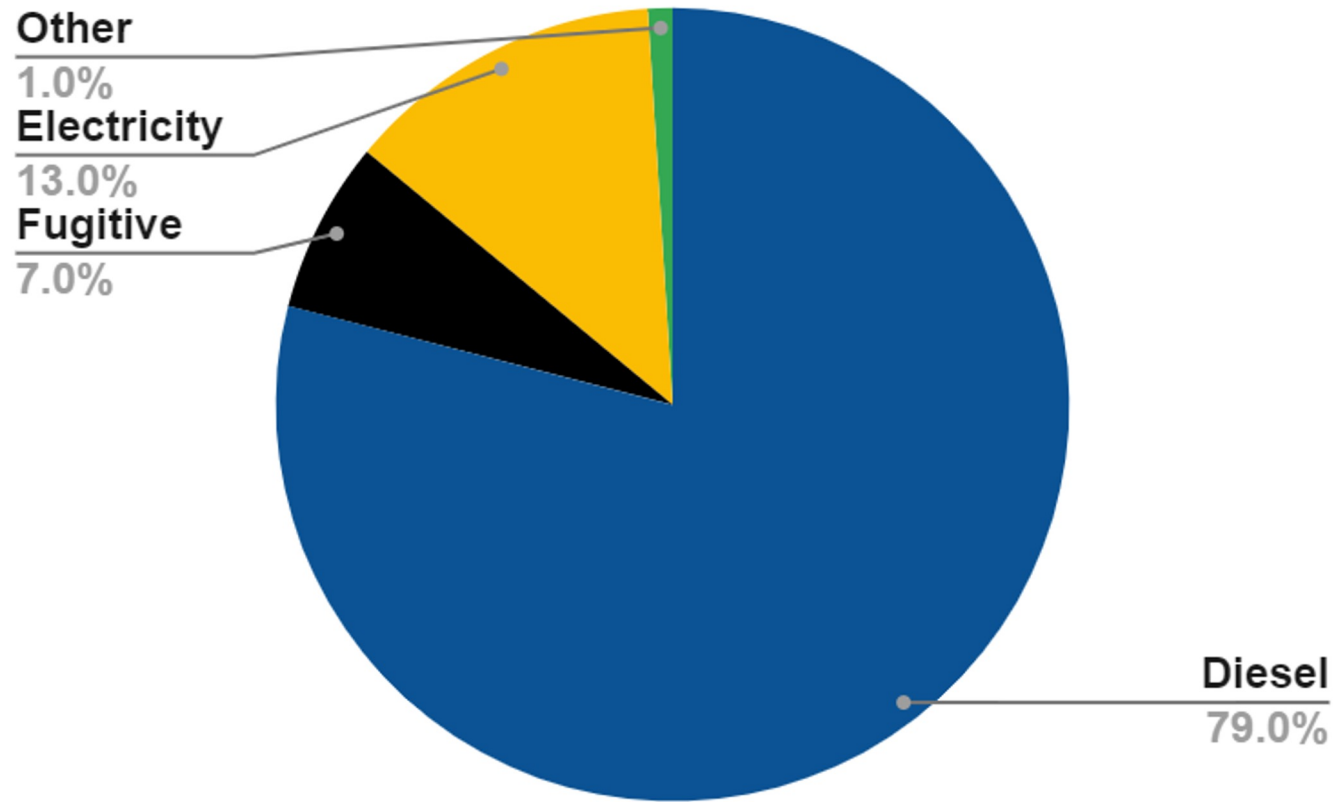
8 June 2023



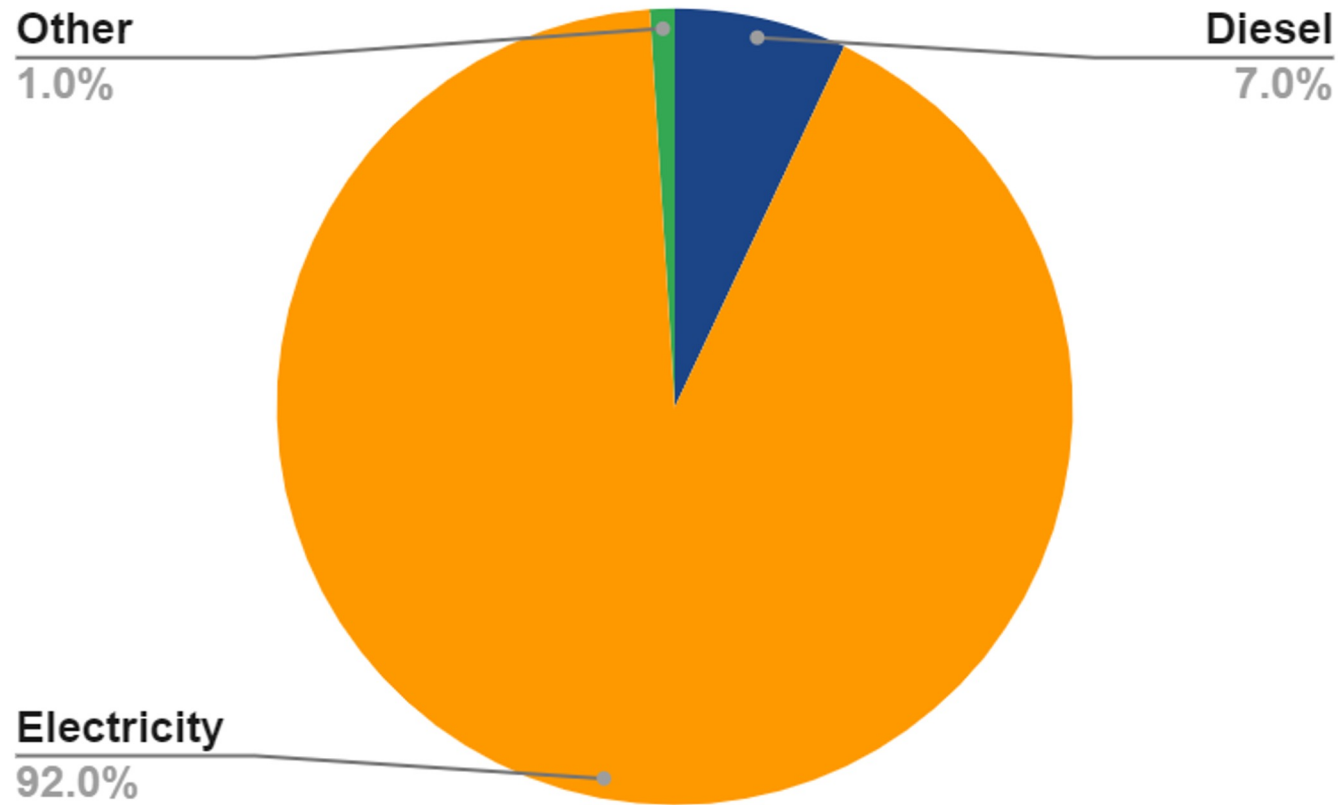
Emissions profile - underground coal mine



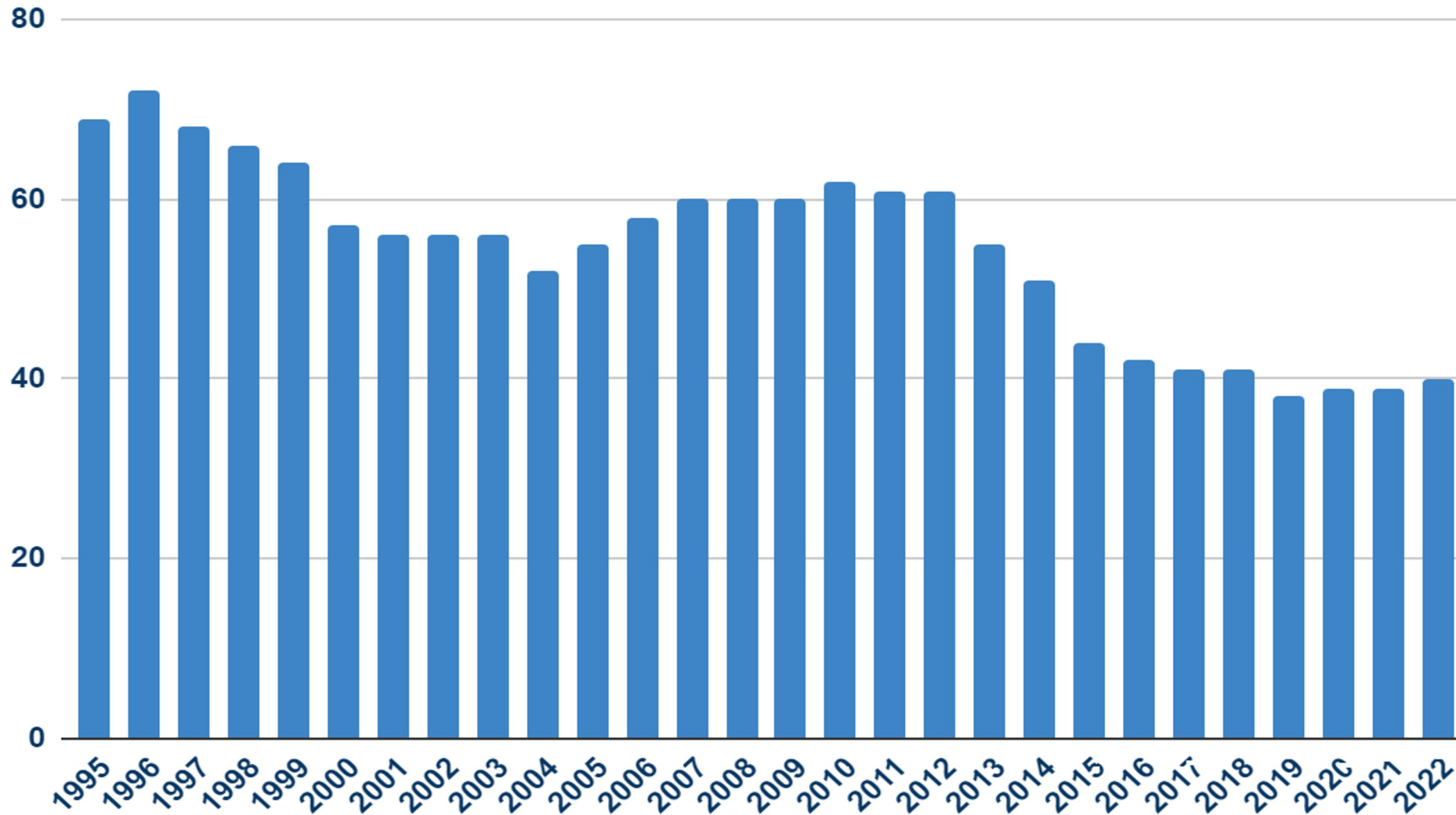
Emissions profile - open cut coal mine



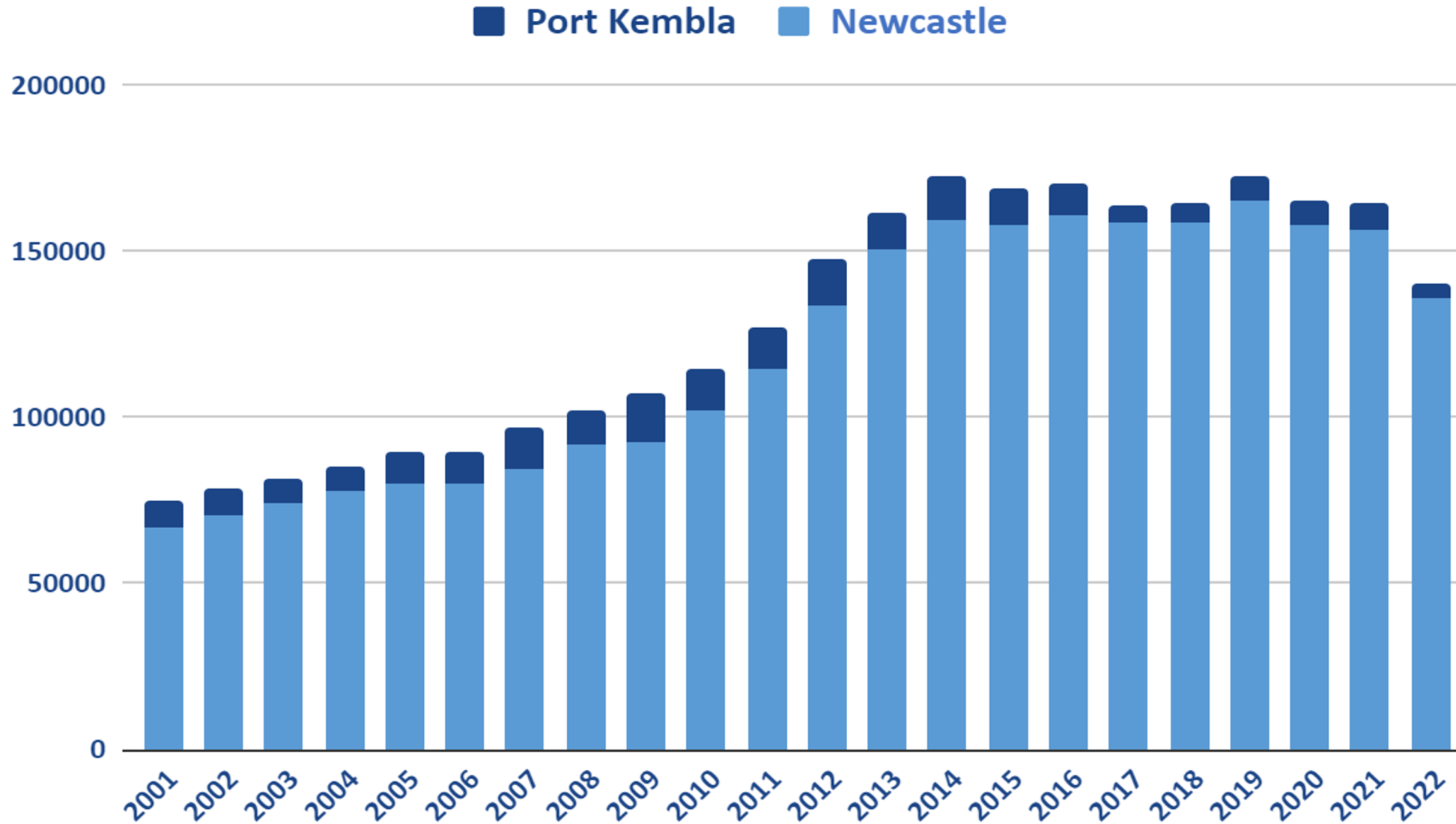
Emissions profile - metals mine



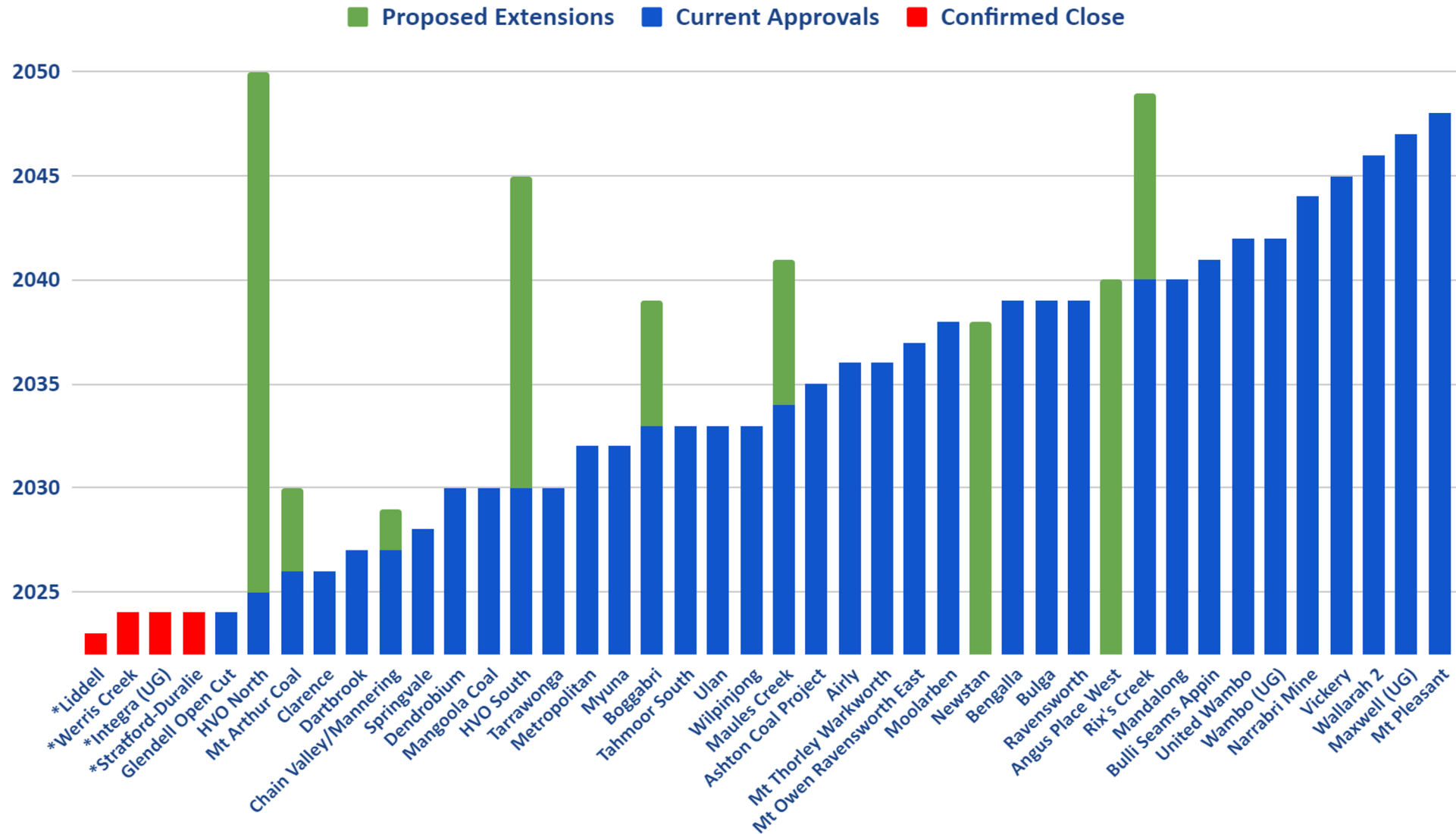
Fewer operating coal mines in NSW



Coal export volumes have increased

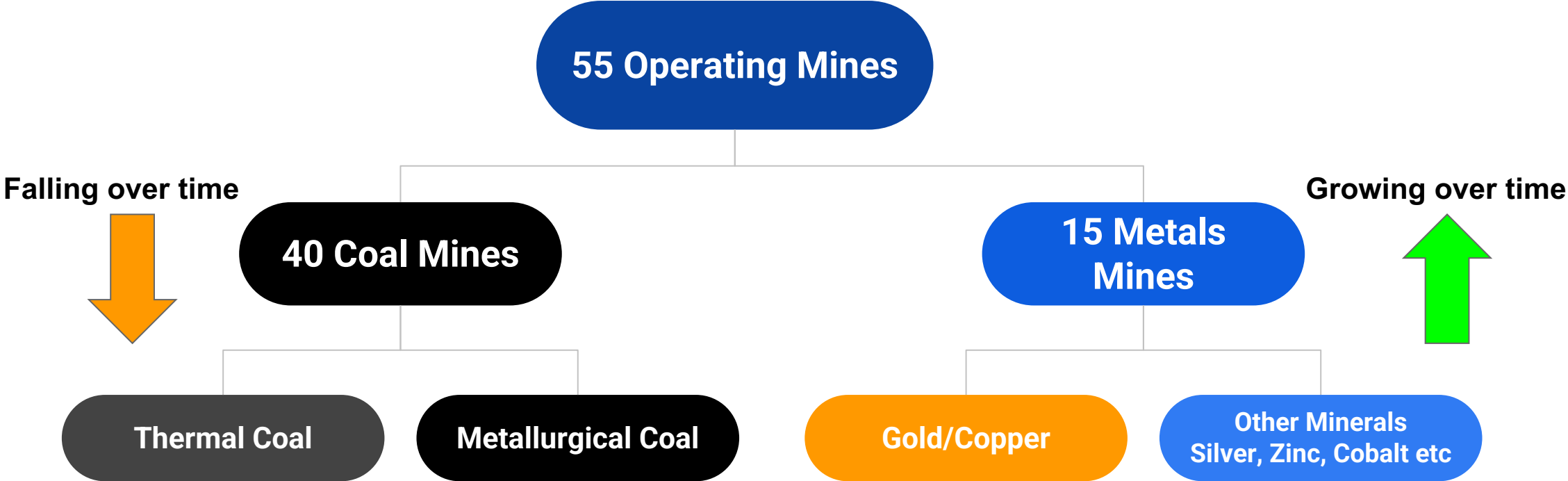


Timeline of current coal mine approvals and proposed extensions



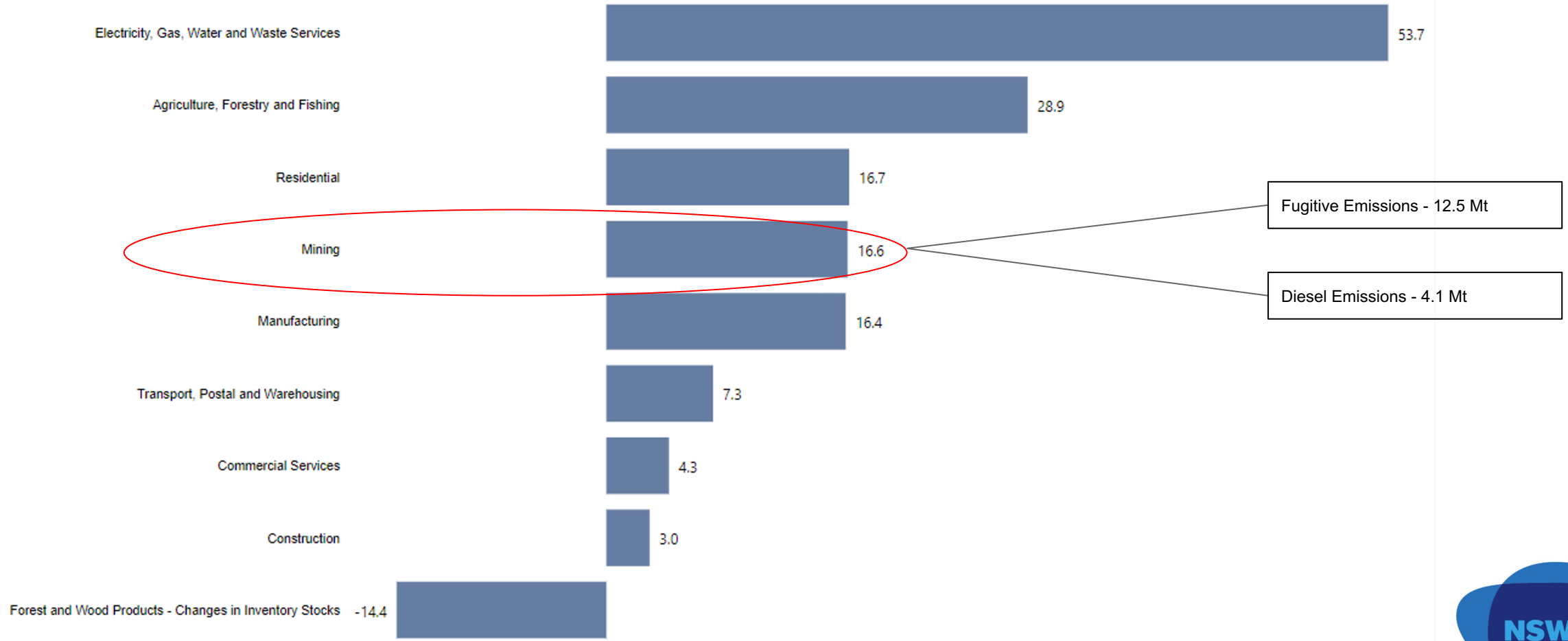
NSW mining sector profile

Coal mine operations will slowly decrease over time, metals projects will increase



NSW mining - Scope 1 emissions in context

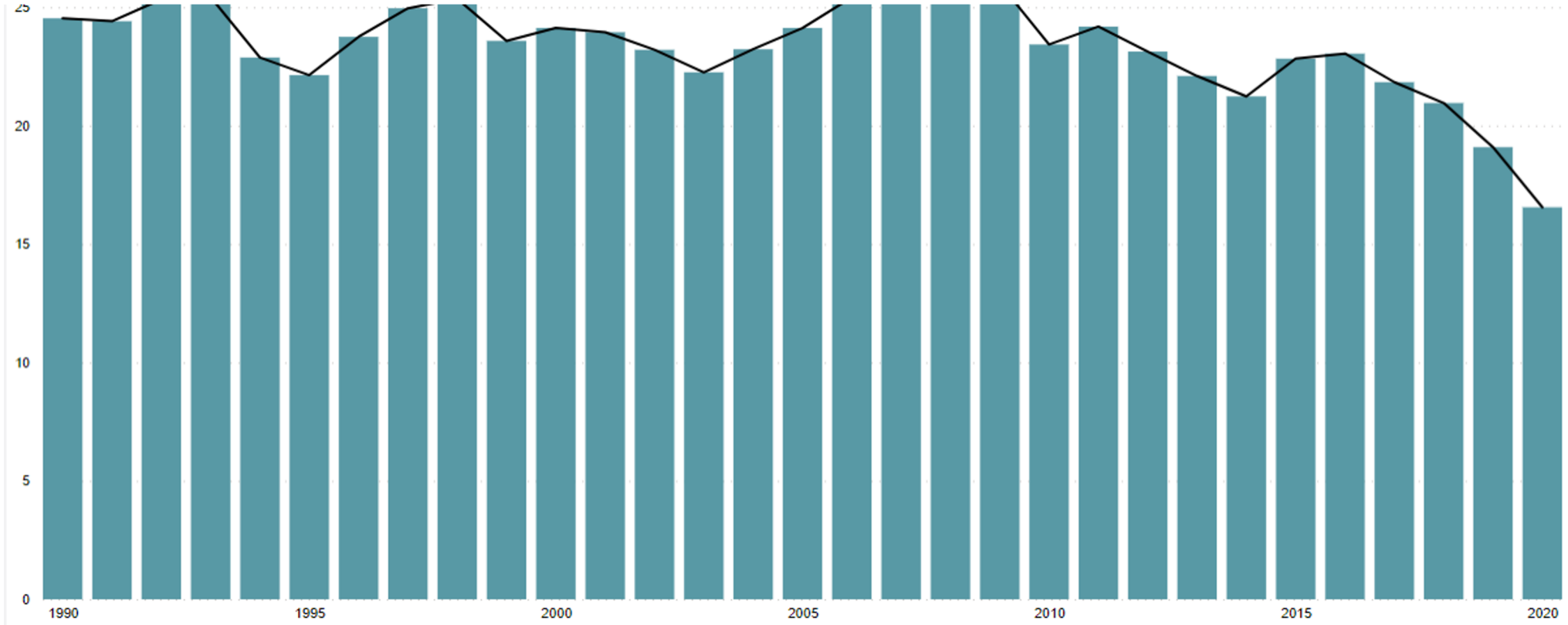
Approximately 12.5% of NSW's total Scope 1 emissions



Source: NSW Government Net Zero Dashboard, 2020 data



NSW mining scope 1 emissions are falling



Source: NSW Government Net Zero Dashboard



South32 - Appin Power Tower Project - Illawarra Region



Glencore - Glennies Creek Power Station, Hunter Region



Vehicle Electrification Safety Considerations

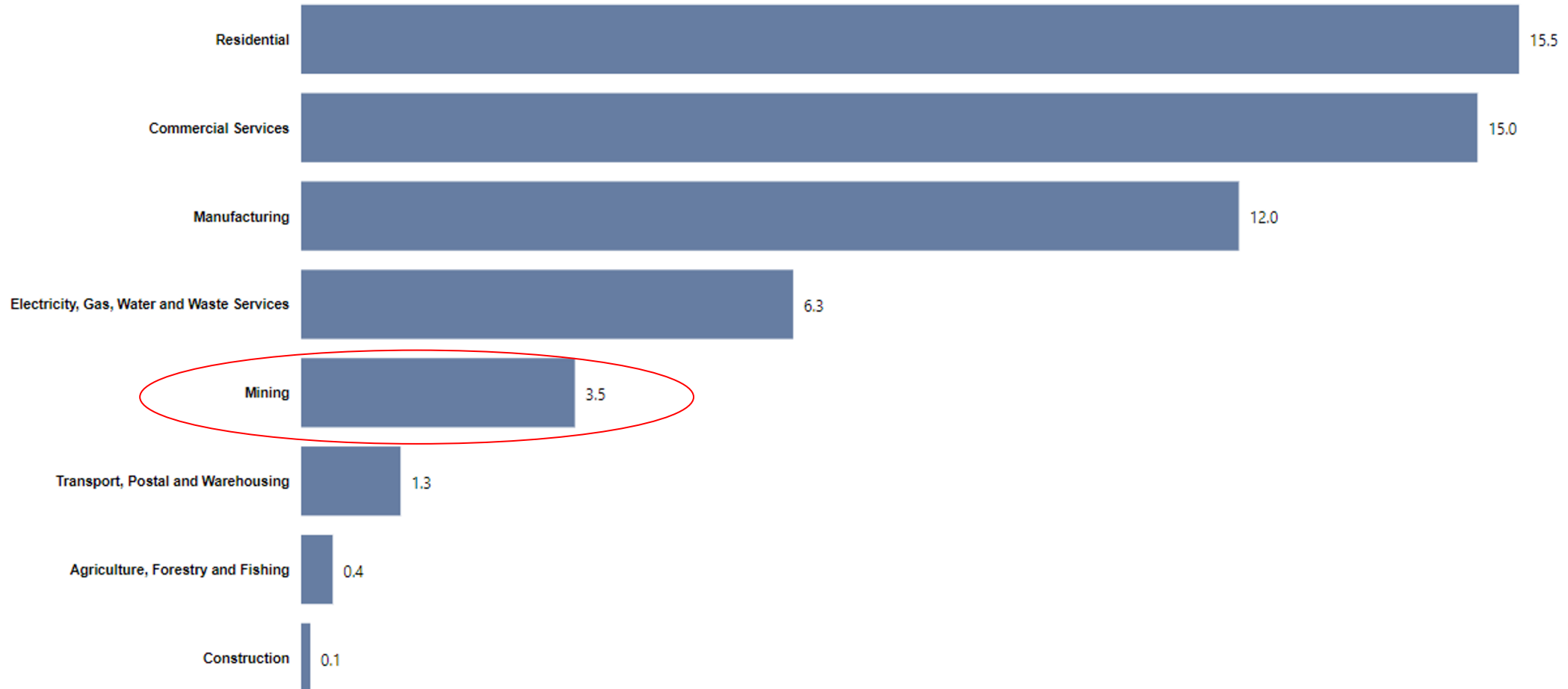


Glencore - 14T Battery Electric Loader - CSA Cobar



NSW mining - Scope 2 emissions in context

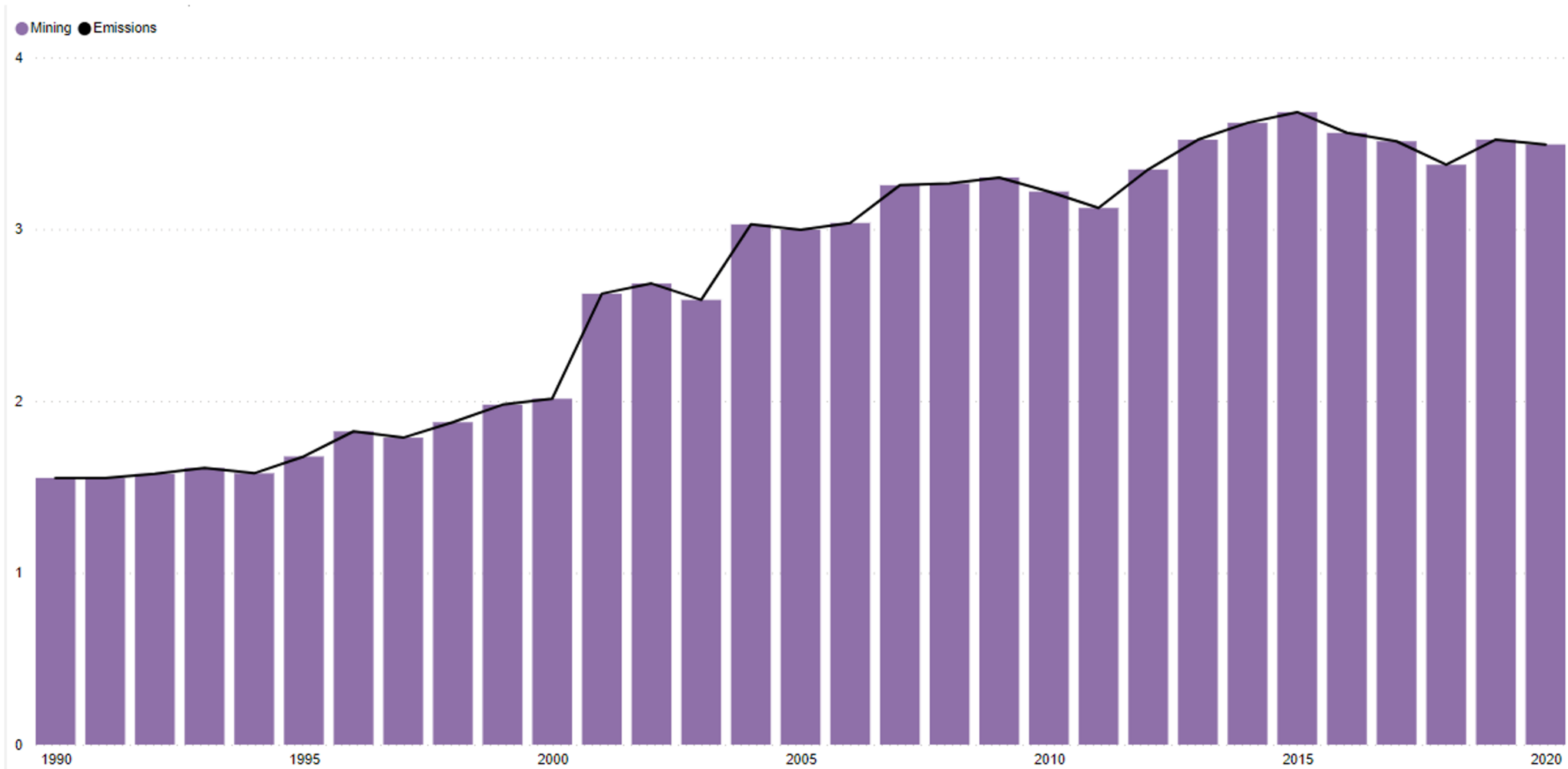
Approximately 6.5% of NSW's total Scope 2 emissions



Source: NSW Government Net Zero Dashboard, 2020 data



NSW mining scope 2 emissions have risen



Source: NSW Government Net Zero Dashboard

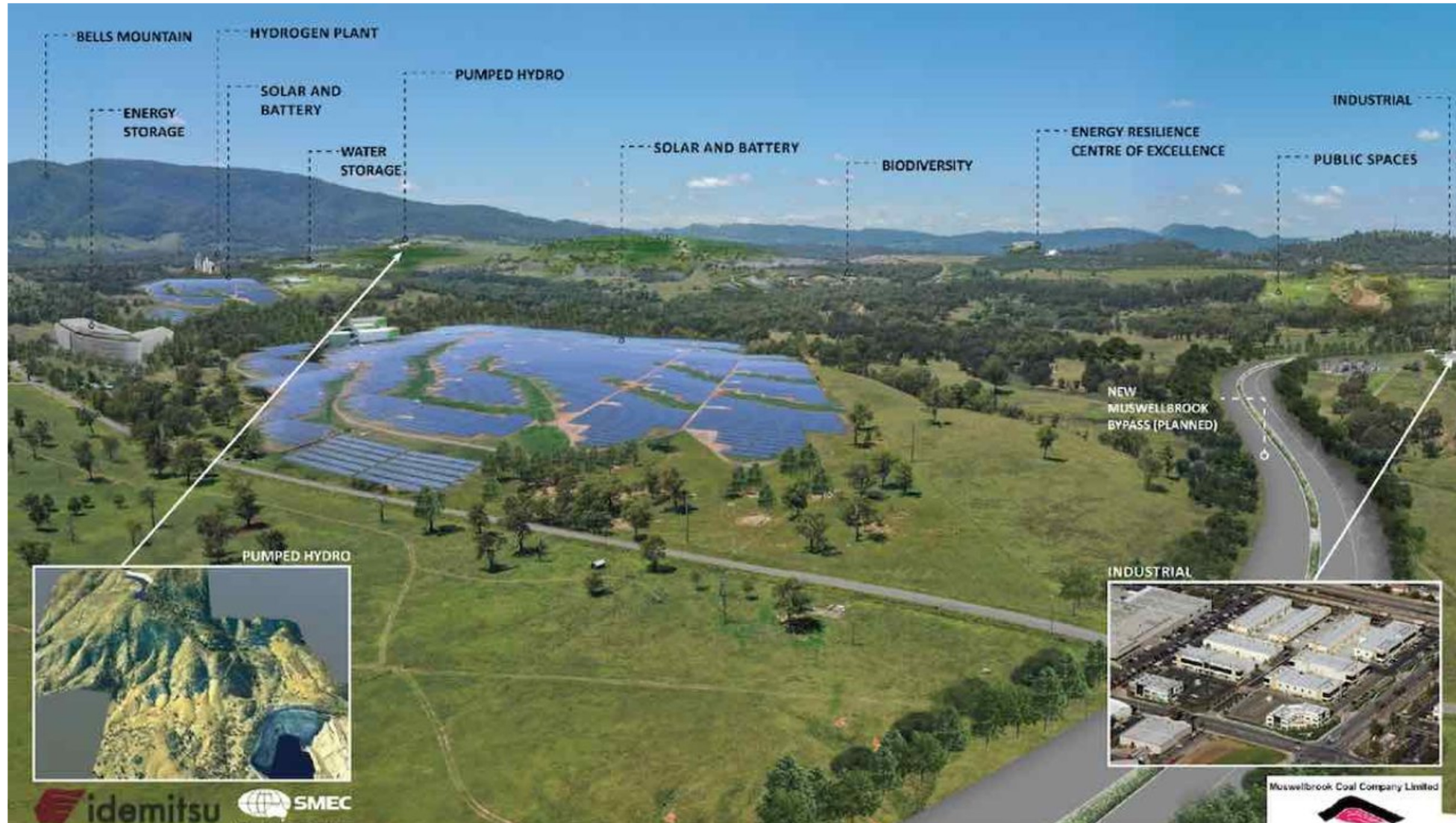


Centennial - 2MW Solar Farm - Airly Mine near Lithgow



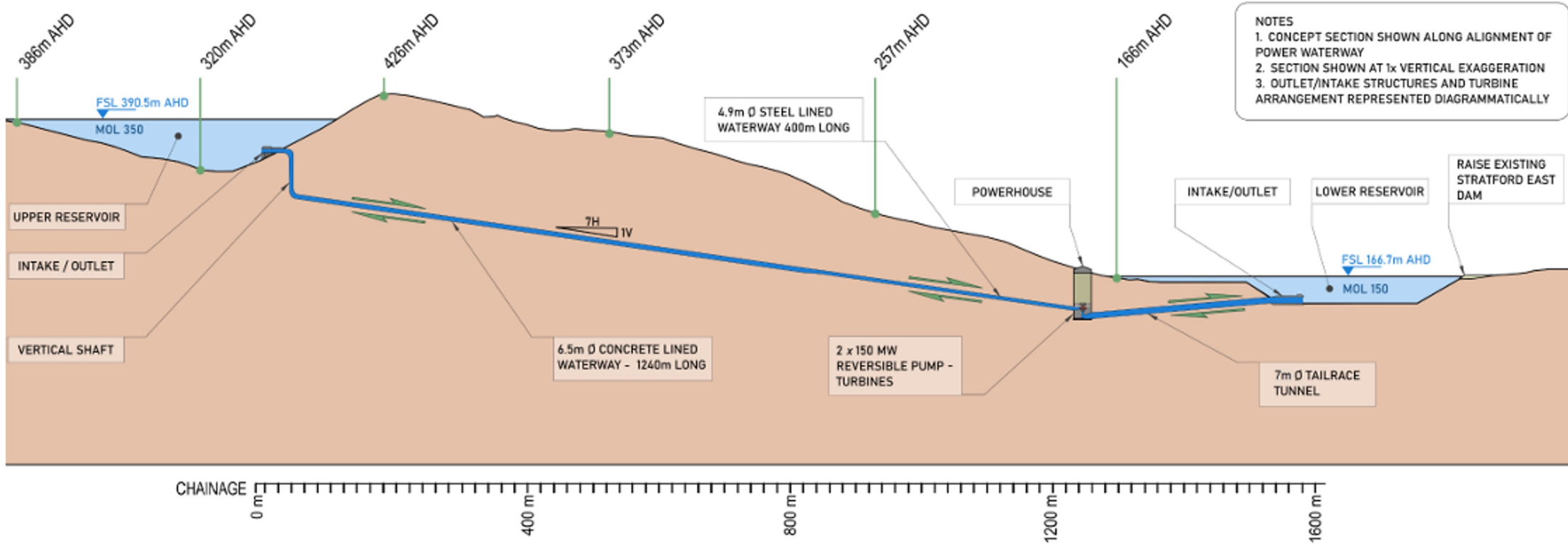
Airly Mine (Source: Centennial)

Idemitsu - Renewables Hub on former Muswellbrook Coal mine site



Yancoal - Stratford Renewable Energy Hub

PUMPED HYDRO ENERGY STORAGE CONCEPT



Emissions and the NSW mining sector

8 June 2023

