

# Emission Estimation Results

## Excavation

Total Emissions: **22041.80 kg CO<sub>2</sub>**  
Per Capita Emissions: **51.02 kg CO<sub>2</sub> per worker**  
Per Output Emissions: **0.91 kg CO<sub>2</sub> per ton**

## Transportation

Total Emissions: **12782.25 kg CO<sub>2</sub>**  
Per Capita Emissions: **29.59 kg CO<sub>2</sub> per worker**  
Per Output Emissions: **0.52 kg CO<sub>2</sub> per ton**

## Equipment

Total Emissions: **2492.20 kg CO<sub>2</sub>**  
Per Capita Emissions: **5.77 kg CO<sub>2</sub> per worker**  
Per Output Emissions: **0.10 kg CO<sub>2</sub> per ton**

## Total

Total Emissions: **37316.25 kg CO<sub>2</sub>**  
Total Per Capita Emissions: **86.38 kg CO<sub>2</sub> per worker**  
Total Per Output Emissions: **1.53 kg CO<sub>2</sub> per ton**

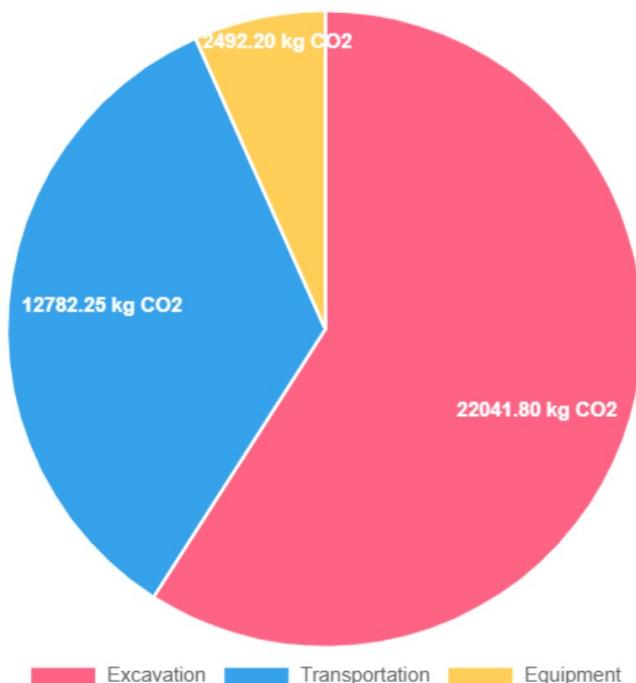
## Collected Info

Excavation (tons): **233**  
Transportation (km): **345**  
Fuel Consumption (liters): **243**  
Equipment Usage (hours): **34**  
Number of Workers: **432**  
Fuel Type: **coal**  
Emissions After Mitigation Policy: **4324**  
Annual Coal Production: **24352**

## Carbon credits

Baseline Emissions: **54162.46 kg CO<sub>2</sub>**  
Total Emissions: **37316.25 kg CO<sub>2</sub> equivalents**  
Emissions after taking mitigation policies:  
**4324.00 kg CO<sub>2</sub> per ton**  
Total carbon credits: **49838.46 per ton**  
The net worth of the carbon credits are:  
**2093215.32\$ per ton**

## Total Emissions Breakdown



Electric Vehicle Conversion:

100

100%

Neutralize Footprint:

100

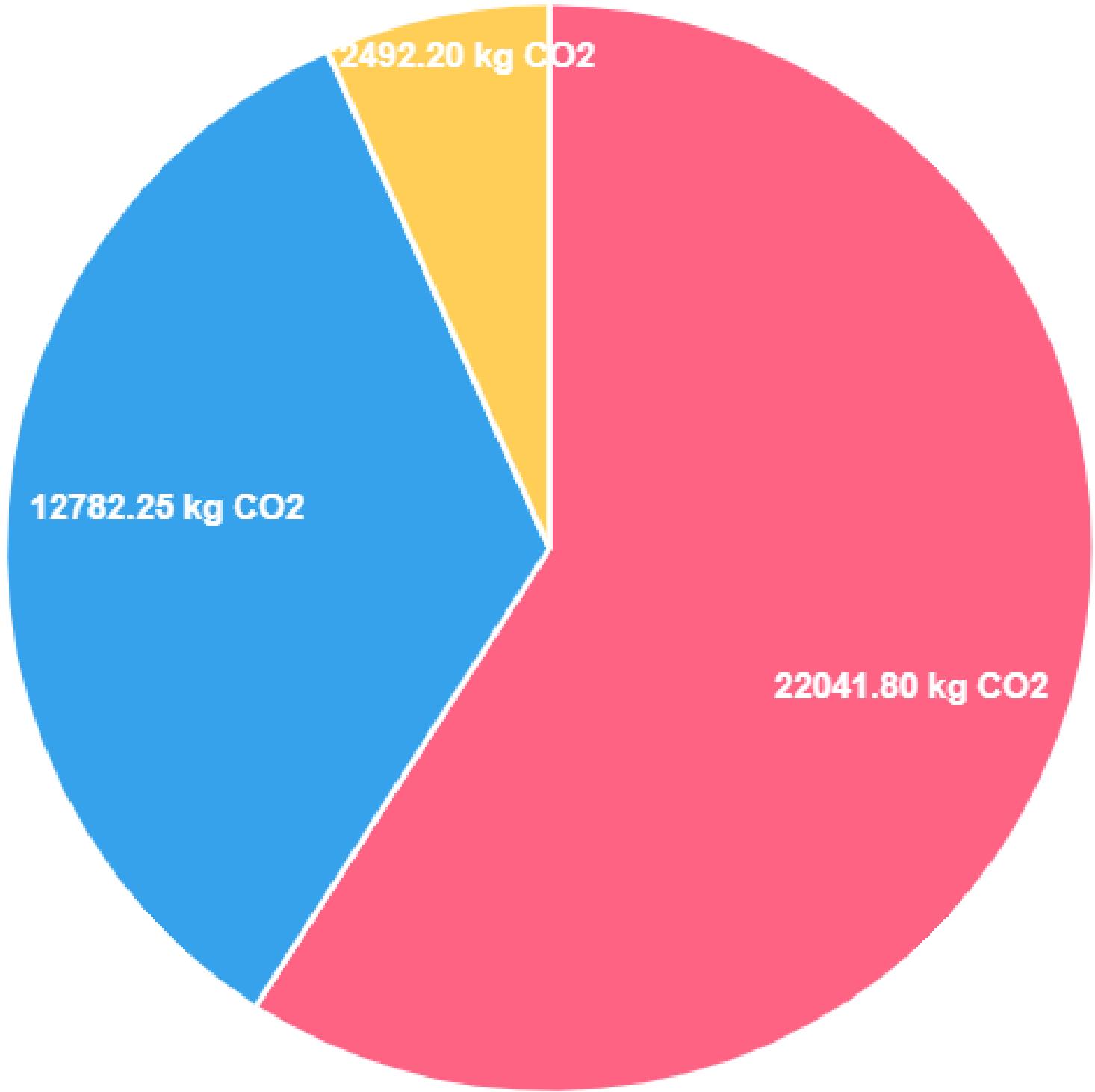
100%

Shift to Green Fuel:

100

100%

## Explore Neutralisation Pathways



Excavation      Transportation      Equipment