

## Emission Estimation Results

### Excavation

Total Emissions:  
**22041.80 kg CO2**  
Per Capita Emissions:  
**51.02 kg CO2 per worker**  
Per Output Emissions:  
**0.91 kg CO2 per ton**

### Transportation

Total Emissions:  
**12782.25 kg CO2**  
Per Capita Emissions:  
**29.59 kg CO2 per worker**  
Per Output Emissions:  
**0.52 kg CO2 per ton**

### Equipment

Total Emissions:  
**2492.20 kg CO2**  
Per Capita Emissions:  
**5.77 kg CO2 per worker**  
Per Output Emissions:  
**0.10 kg CO2 per ton**

### Total

Total Emissions:  
**37316.25 kg CO2**  
Total Per Capita Emissions:  
**86.38 kg CO2 per worker**  
Total Per Output Emissions:  
**1.53 kg CO2 per ton**

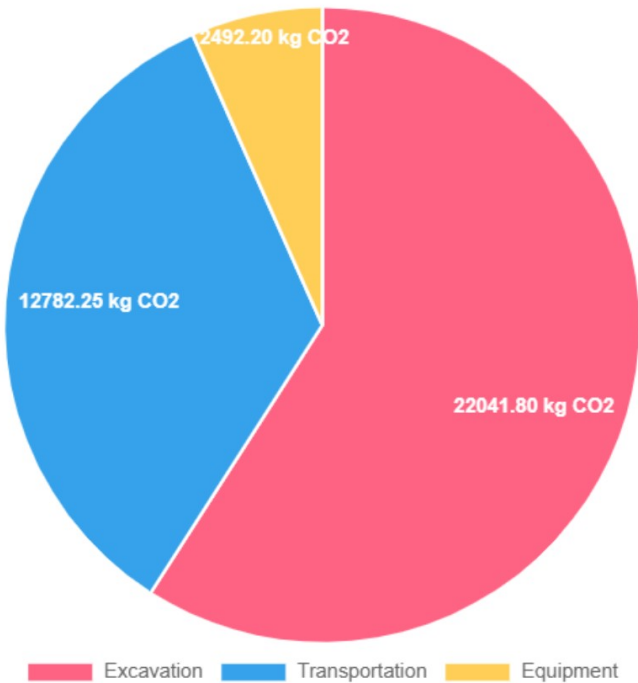
### Collected Info

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 CO2**  
Total Emissions: **37316.25 kg CO2 equivalents**  
Emissions after taking mitigation policies:  
**4324.00 kg CO2 per ton**  
Total carbon credits: **49838.46 per ton**  
The net worth of the carbon credits are:  
**2093215.32\$ per ton**

### Total Emissions Breakdown



## Explore Neutralisation Pathways

Electric Vehicle Conversion:

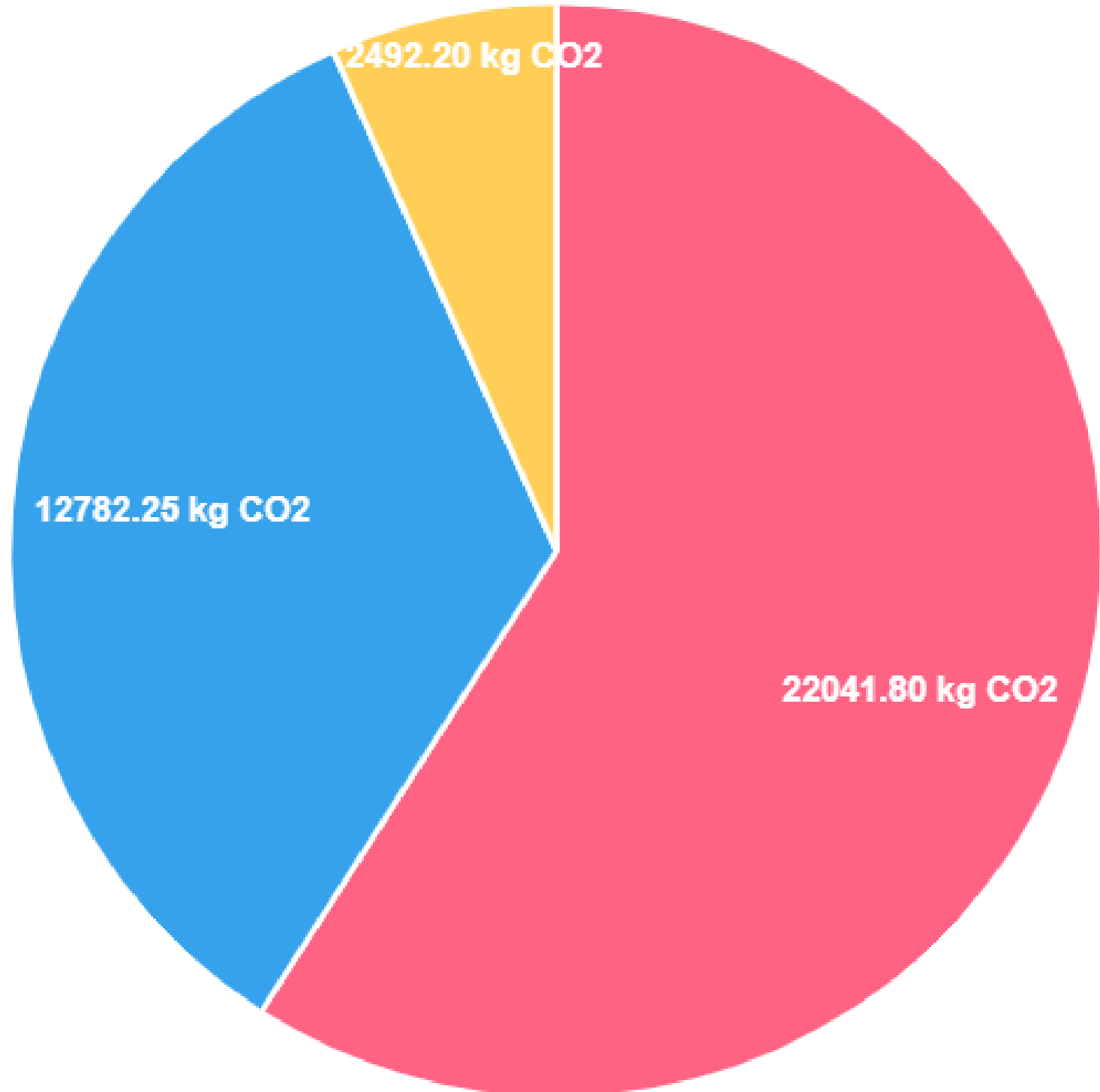
100%

Neutralize Footprint:

100%

Shift to Green Fuel:

100%



Excavation Transportation Equipment