



Ferreycorp

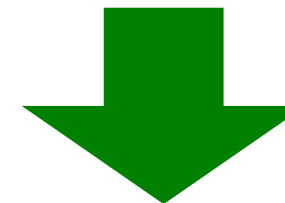
Internal Carbon Pricing



Internal Carbon Pricing in Ferreycorp

Some environmental and climate projects proposed by the environmental corporate team, have included the internal carbon pricing as a shadow price.

The objectives of using an internal carbon pricing are:



**Internal Carbon Pricing
(shadow)
6 USD = 22.2 PEN**

| Objective | Application cases |
|--|--|
| Conduct cost-benefit analysis | <ul style="list-style-type: none">• Electric Forklift Change Project• Photovoltaic solar panels |
| Drive energy efficiency | <ul style="list-style-type: none">• Electric Forklift Change Project |
| Drive low-carbon investments | <ul style="list-style-type: none">• Photovoltaic solar panels |
| Navigate regulations | <ul style="list-style-type: none">• Allocating annual carbon offset costs to subsidiaries (possible carbon taxes) |
| Setting and/or achieving of climate-related policies and targets | <ul style="list-style-type: none">• Electric Forklift Change Project• Photovoltaic solar panels• Allocating annual carbon offset costs to subsidiaries |
| Set a carbon offset budget | <ul style="list-style-type: none">• Allocating annual carbon offset costs to subsidiaries |



Cost-Benefit Evaluation of Eco-Efficiency Projects Using an Internal Carbon Price Based on Carbon Offset Costs.



Electric Forklift Change Project (executed on 2024)

Total conventional forklift changed for electrical forklift = 14 forklifts



| Analysis for one forklift | Conventional GP35NM | Electric EP35AN | Savings |
|---|---------------------|-----------------|---------|
| Leasing cost (USD/month) | 1,178.75 | 1,412.00 | 233.25 |
| Fuel cost (USD/ hour) | 2.20 | 1.34 | 0.86 |
| Annual Carbon Footprint (T CO2e/ forklift) | 58.37 | 13.02 | 45.35 |
| Annual cost from carbon offsetting (USD /forklift-year) | 350.22 | 78.12 | 272.1 |

Electrical forklift environmental advantages

- Lower CO2 emissions
- Noise reduction



Internal Carbon Pricing (shadow) 6 USD



Photovoltaic solar panels in Arequipa branch (executed on 2024)



| Description | Unit | Value |
|--|------------|-----------|
| Subsidiary | - | Ferreyros |
| Branch | - | Arequipa |
| Power | KW | 80 |
| Annual energy generation | MWh | 136 |
| Invest amount | USD | 75,000 |
| Avoided carbon footprint | tCO2e/year | 29.1 |
| Avoided carbon footprint offsets costs | USD/year | 174.4 |
| Service life | year | 20 |
| Total carbon footprint offsets costs avoided | USD | 3,488 |



Internal Carbon
Pricing (shadow)
6 USD



Photovoltaic solar panels in Cajamarca branch (evaluated in 2024 to execute in 2025)

| Description | Unit | Value |
|---|------------|-----------|
| Subsidiary | - | Ferreyros |
| Branch | - | Cajamarca |
| Power | KW | 67 |
| Annual energy generation | MWh | 114,8 |
| Service life | year | 15 |
| Savings by electricity consumption | S/. / year | 34,434 |
| Savings by electricity consumption (total service life) | S/. | 516,360 |
| Invest amount | S/. | 158,906 |
| Renewable energy self-sufficiency percentage at branch | % | 61% |
| Avoided carbon footprint | tCO2e/year | 24.52 |
| Avoided carbon footprint offsets costs | USD/year | 147.1 |
| Total carbon footprint offsets costs avoided | USD | 2,206.5 |



Internal Carbon
Pricing (shadow)
6 USD



Allocating annual carbon offset costs to subsidiaries



2023 carbon footprint offsets (executed in 2024)

Each year, Ferreycorp offsets its carbon footprint, with each subsidiary covering the cost of the offsets based on the carbon footprint it generates.

This type of management prepares each subsidiary to include these costs in their budgets and to be better prepared for potential regulatory changes

| | |
|---------|--|
| Company | |
| Project | Cordillera Azul National Park REDD Project |
| vintage | 2016 |

2023 CARBON FOOTPRINT OFFSETS PURCHASED

| SUBSIDIARY | CARBON FOOTPRINT 2023 | | | | | TOTAL OFFSET | |
|------------------|-----------------------|------------------|------------------|------------------|------------------|--------------|-----|
| | CAT 1 t CO2 e | CAT 2 t CO2 e | CAT 3 t CO2 e | CAT 4 t CO2 e | TOTAL t CO2 e | t CO2 e | USD |
| Fargoline | 1.469,92 | 184,86 | 405,72 | 24,26 | 2.084,77 | 2.085,50 | |
| Ferreycorp | 55,27 | 63,93 | 181,73 | 1,93 | 302,85 | 303,00 | |
| Ferreyros | 3.451,13 | 2.294,01 | 25.191,09 | 248,06 | 31.184,27 | 11.196,40 | |
| Forbis Logistics | 1,92 | 6,63 | 6.196,05 | 0,54 | 6.205,14 | 2.302,00 | |
| Motomaq | 65,81 | 0,00 | 0,60 | 0,09 | 66,50 | 67,00 | |
| Orvisa | 188,50 | 200,67 | 582,30 | 1,56 | 973,03 | 973,70 | |
| Servitec | 0,00 | 0,00 | 0,04 | 0,00 | 0,04 | 1,00 | |
| Soltrak | 51,61 | 126,21 | 2.471,93 | 1,57 | 2.651,32 | 2.652,10 | |
| Trex Chile | 289,79 | 37,87 | 293,44 | 0,72 | 621,83 | 622,00 | |
| Unimaq | 746,37 | 182,99 | 2.399,50 | 12,85 | 3.341,70 | 3.342,40 | |
| TOTAL | 6.320,31 | 3.097,17 | 37.722,39 | 291,58 | 47.431,45 | 23.545,10 | |



2024 carbon footprint offsets (executed in 2025)

Each year, Ferreycorp offsets its carbon footprint, with each subsidiary covering the cost of the offsets based on the carbon footprint it generates.

This type of management prepares each subsidiary to include these costs in their budgets and to be better prepared for potential regulatory changes

| | |
|---------|---------------------------------------|
| Company | |
| Project | Proyecto REDD+ Madre de Dios Amazonia |
| vintage | 2020 |

2023 CARBON FOOTPRINT OFFSETS PURCHASED

| SUBSIDIARY | 2024 CARBON FOOTPRINT | | | | | | TOTAL OFFSETS | |
|-------------------------|-----------------------|------------------|------------------|------------------|------------------|------------------|---------------|-----|
| | CAT 1 t CO2 e | CAT 2 t CO2 e | CAT 3 t CO2 e | CAT 4 t CO2 e | CAT 5 t CO2 e | TOTAL t CO2 e | t CO2 e | USD |
| Fargoline | 1.642,06 | 165,50 | 806,26 | 10,85 | 0,00 | 2.624,67 | 2.625,00 | |
| Ferreycorp | 20,79 | 48,40 | 138,76 | 3,48 | 0,00 | 211,43 | 212,01 | |
| Ferreyros | 3.446,40 | 1.932,10 | 27.586,94 | 102,92 | 17.888,34 | 50.956,70 | 13.249,85 | |
| Forbis Logistics | 5,78 | 6,87 | 5.715,31 | 1,25 | 0,00 | 5.729,21 | 2.613,00 | |
| Orvisa | 194,12 | 190,50 | 846,73 | 1,70 | 0,00 | 1.233,05 | 1.233,68 | |
| Unimaq | 810,85 | 142,91 | 2.182,86 | 3,78 | 0,00 | 3.140,40 | 3.141,24 | |
| Soltrak | 41,90 | 99,37 | 2.989,58 | 1,59 | 0,00 | 3.132,44 | 1.318,23 | |
| Motomaq | 72,71 | 0,00 | 0,00 | 0,11 | 0,00 | 72,82 | 73,00 | |
| Cogesa (El Salvador) | 477,63 | 37,74 | 0,00 | 0,00 | 0,00 | 515,37 | 516,00 | |
| Gentrac (Guatemala) | 906,71 | 221,97 | 0,00 | 0,00 | 0,00 | 1.128,68 | 1.129,00 | |
| Transpesa (El Salvador) | 139,90 | 20,24 | 0,00 | 0,00 | 0,00 | 160,14 | 161,00 | |
| Trex Chile | 283,84 | 27,89 | 381,79 | 0,48 | 0,00 | 694,00 | 694,00 | |
| TOTAL | 8.042,69 | 2.893,49 | 40.648,23 | 126,16 | 17.888,34 | 69.598,91 | 26.966,01 | |