

Meet Our Team



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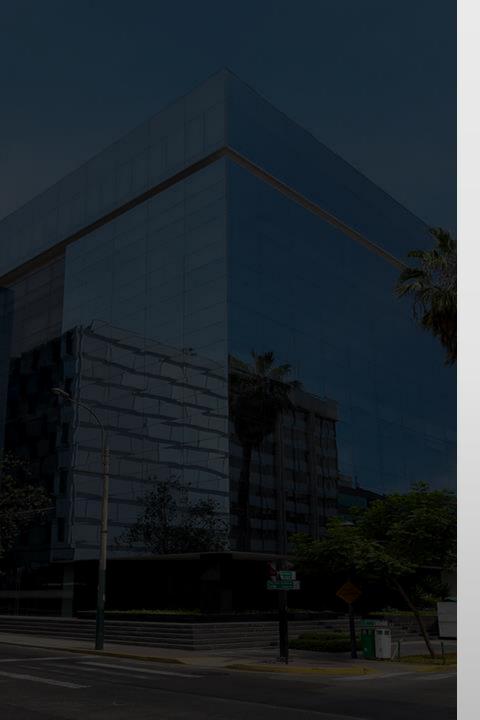




Mishell Condori Diaz

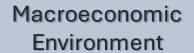
Ingeniería Económica UNAP





Executive Summary

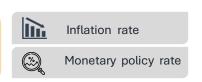
Executive Summary



Slowdown in economic growth

long-term bonds

Preference for



High return for 1y equity

Attractive view for commodities.

Portfolio Risk Factors Equity

<u>(8)</u> F

Price



FX

Fixed Income



Rate

Investment Strategy



(Issuers: Latin American

Strategy: Mixed

Risk Quantification VaR

-2.776%

CVaR

-3.735%

Stress VaR

-26.7114%

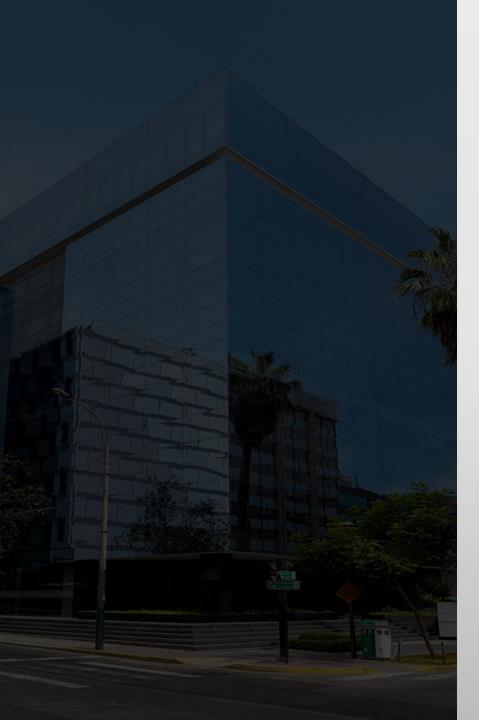
Portfolio



Risk Mitigation Strategy Stop - Loss

Designation of appetite, tolerance and total return

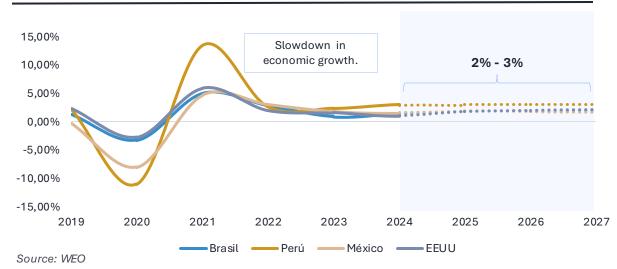
Average risk appetite threshold



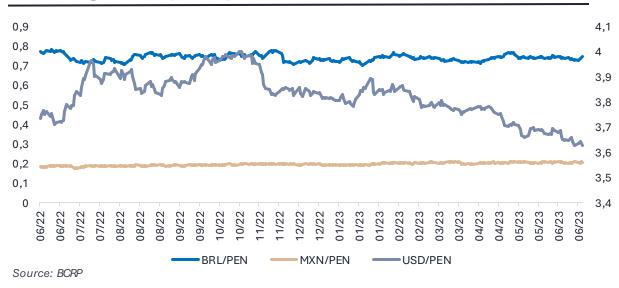
Macroeconomic Environment

LatAm: Optimistic outlook for key macroeconomic indicators

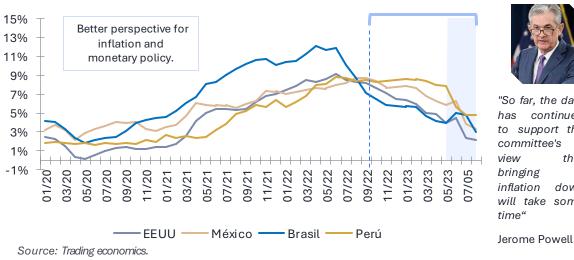
Economic growth (annual % change)



Exchange Rate (soles)

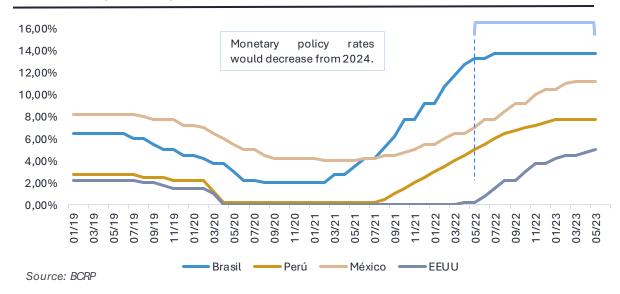


Inflation



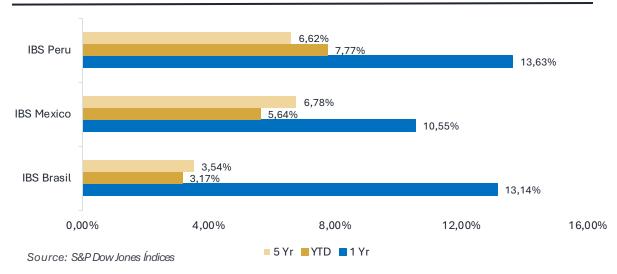
"So far, the data continued to support the that down will take some

Monetary Policy Rate

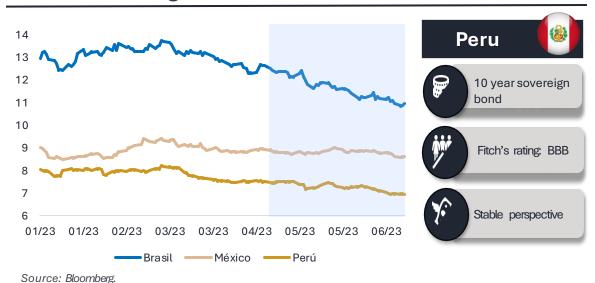


Financial Market Behaviour

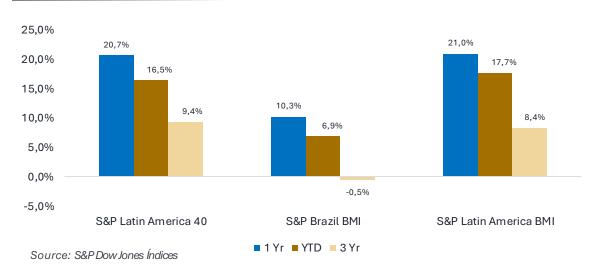
Sovereign Bond Indexes (Rate of Return)



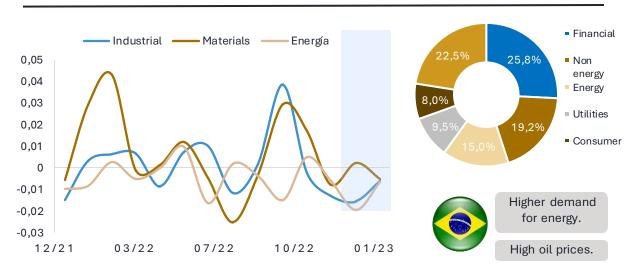
10-Year Sovereign Bond Yield - Peru

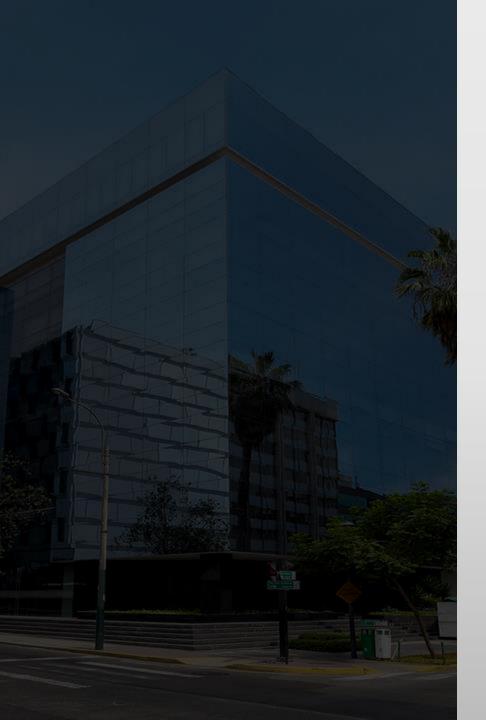


Equity Benchmark Indexes (Rate of Return)



Equity Sectorial Index Brazil (Rate of Return)





Portfolio Overview and Risk Factors

Portfolio Overview

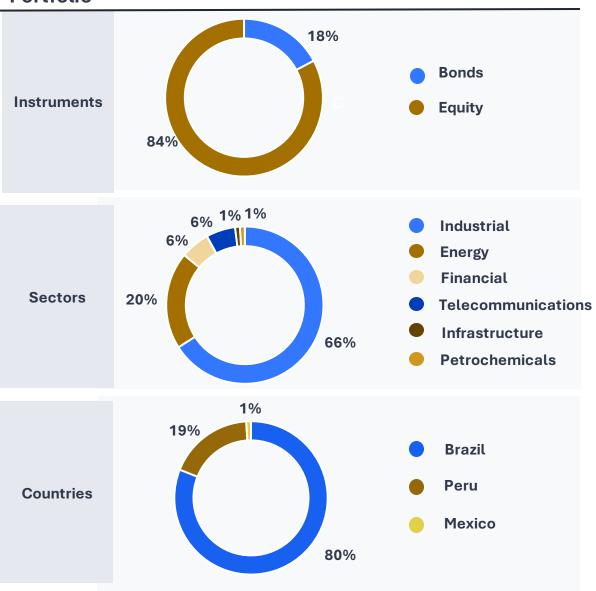
Equity Strategy (84%)

\bigcirc C				Defensive		
li	Industrial		Energy	Infraestructure	Petrochemicals	
Embraer	WEG	Petrobas	Engie	UNACEM	Alpek	
42%	14%	4%	20%	1%	1%	
AAA (bra)	-	AAA (bra)	AAA (bra)	AA+ (pe)	-	
Bb+	-	Bb-	Bb	-	Bb-	
Stable		Stable	Stable	Stable	Stable	

Fixed Income Strategy (18%)

Telecommunications	🧔 Industrial	
Telefónica	Gloria	MiBanco
6%	6%	6%
AA (pe)	AA (pe)	AAA (pe)
MY: 1,6	MY: 11,9	MY: 8,8
Cupón: 8.5	Cupón: 3.5	Cupón: 4.5

Portfolio



Risk Factors

Highlights



Uncertainty in the outlook and tax reform.



Social and political risks have intensified.



risk factors

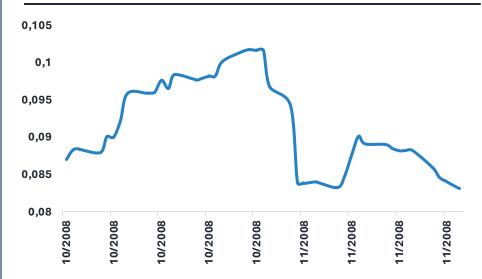
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Fixed

Unexpected setbacks in macroeconomic management.

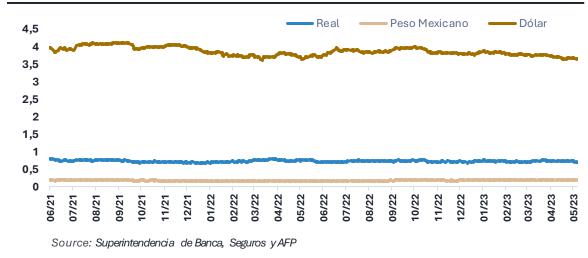
Source: S&P country risk rating

Sovereign Curve

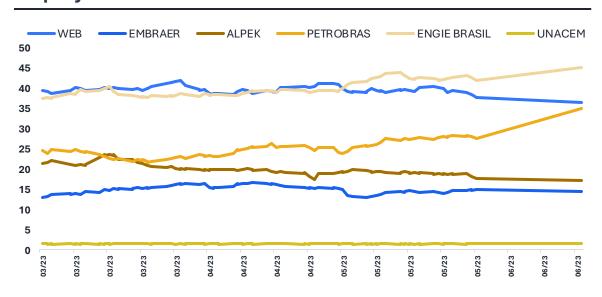


Source: Superintendencia de Banca, Seguros y AFP

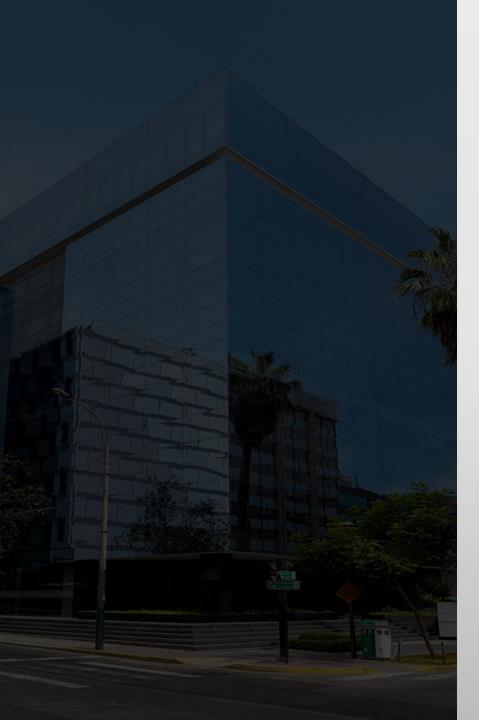
Exchange Rate Risk



Equity Price Risk



Equity risk factors



Risk Quantification

Portfolio's historic VaR



Enfoque:	VaR Histórico
N° de observaciones:	522
Nivel de Confianza:	99%
Equity:	Riesgo de tipo de cambio y Riesgo de volatilidad de precio
Fixed Income:	Riesgo de tasa
Analysis time:	Análisis desde 31/05/2021 al 31/05/23

Equity	Moneda	Cantidad	l Costo	Valor de Mercado	Utilidad %
WEGE3	BRLpen	788	S/23.972,54	S/22.034,87	-8,083%
ERJ	USDpen	-1206	- S/61.099,29	-S/65.862,77	7,796%
ALPEKA	MXNpen	382	S/1.506,80	S/1.407,96	-6,559%
PETR3	BRLpen	-284	-\$/5.538,66	-S/5.831,86	5,294%
ENGIE3	BRLpen	1012	S/31.625,53	S/31.624,30	-0,004%
UNACEMC1	PENpen	1223	S/1.966,97	S/1.932,34	-1,761%

Equity

	VaR Precio	VaR TC	VaR Precio	VaR	CVaR %	CVaR
Total	-4,65%	-0,93%	-5,57%	-S/7.172,98	-6,45%	-S/8.295,23
WEGE3 BZ	-4,64%	-1,20%	-5,85%	-S/1.288,77	-6,45%	-S/1.422,03
ERJUS	-8,17%	0,16%	-8,01%	-S/5.275,20	-10,30%	\$/6.785,40
ALPEKA MF	-4.59%	-0,17%	-4,76%	-S/67,01	-7,27%	-S/102,32
PETR3 BZ	-7,03%	-0,86%	-7,90%	S/460,51	-9,76%	S/569,46
EGIE3 BZ	-2,75%	-1,94%	-4,69%	-S/1.484,30	-5,56%	-S/1.759,47
UNACEMC1 PE	-6,90%	-0,00%	-6,90%	-S/133,34	-9,38%	-S/181,28

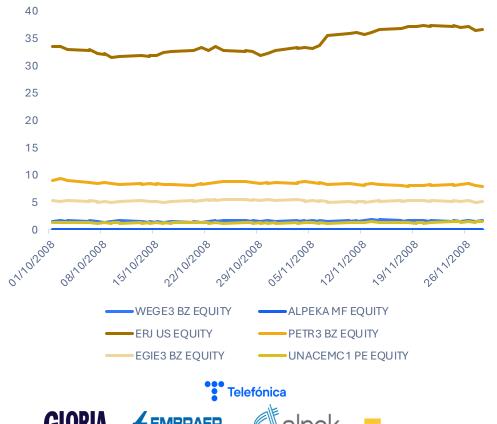
Fixed Income

	VaR-1D	CVaD-1D	VaR-10D	CVaD-10D	CV1
Total	-2.776%	-3.735%	-8.778%	-11.812%	-0.14
PEP36100M147	-1.461%	-1.965%	-4.6192%	-6.2131%	-0.07
PEP13300D081	-1.193%	-1.610%	-1.816%	-5.0910%	-0.05
PEP70500M764	-0.439%	-0.512%	-1.3881%	-1.6206%	-0.02

Portfolio's stressed VaR

Stress scenario

Risk-free rate of sovereign bonds for Oct 2008 and Nov 2008 as stress period.

















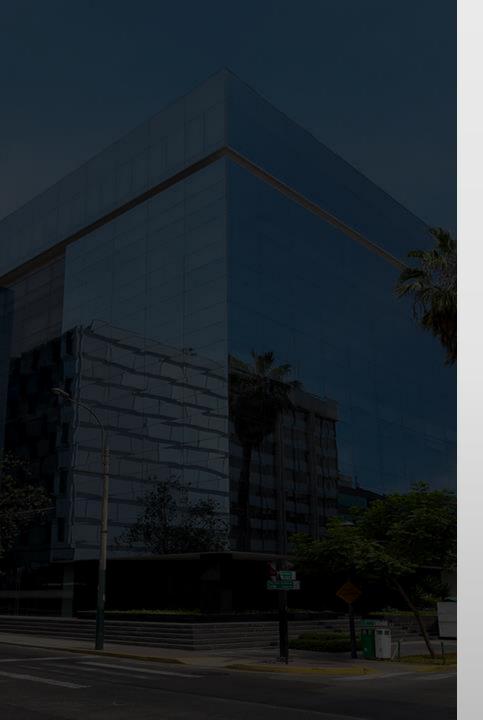


Equity

	VaR %	VaR	CVaR %	CVaR
Total	-6,66%	-S/8.566,15	-7,72%	-\$/9.933,87
WEGE3 BZ	-6,00%	-S/1.321,63	-8,72%	-S/1.920,78
ERJUS	-11,87%	S/7.818,63	-12,16%	S/8.007,71
ALPEKA MF	-5,24%	-S/73,75	-6,25%	-S/87,94
PETR3 BZ	-10,54%	S/614,72	-13,33%	S/777,24
EGIE3 BZ	-5,28%	-S/1.670,48	-8,48%	-S/2.682,78
UNACEMC1 PE	-4,26%	-S/82,22	-5,91%	-S/114,16

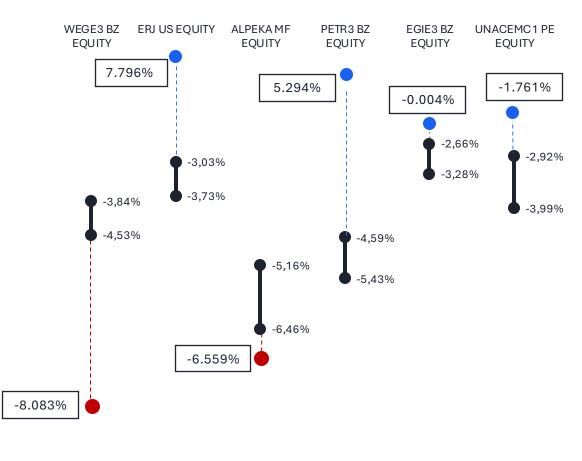
Fixed Income

	VaR-1D	CVaR-1D	VaR-10D	CVaR-10D
Total	-26.71%	-30.87%	-84.469%	-97.611%
PEP36100M147	-12.5641%	-14.378%	-39.7313%	-45.4678%
PEP13300D081	-11.1217%	-12.857%	-35.1698%	-40.6567%
PEP70500M764	-3.3454%	-3.632%	-10.5792%	-11.4869%



Risk Mitigation Strategy

Equity		t of etite	Tolerand	е Арре	tite	Total return	Result
WEGE3 BZ	<-∞	-4,53%	-4,53% -3,8	34% -3,84%	+∞>	-8,083%	Fuera de apetito
ERJUS	<-∞	-3,73%	-3,73% -3,0	03% -3,03%	+∞>	7,796%	En apetito
ALPEKA MF	<-∞	-6,46%	-6,46% -5,7	16% -5,16%	+∞>	-6,559%	Fuera de apetito
PETR3 BZ	<-∞	-5,43%	-5,43% -4,5	59% -4,59%	+∞>	5,294%	En apetito
EGIE3 BZ	<-∞	-3,28%	-3,28% -2,6	66% -2,66%	+∞>	-0,004%	En apetito
UNACEM	<-∞	-3,99%	-3,99% -2,9	92% -2,92%	+∞>	-1,761%	En apetito

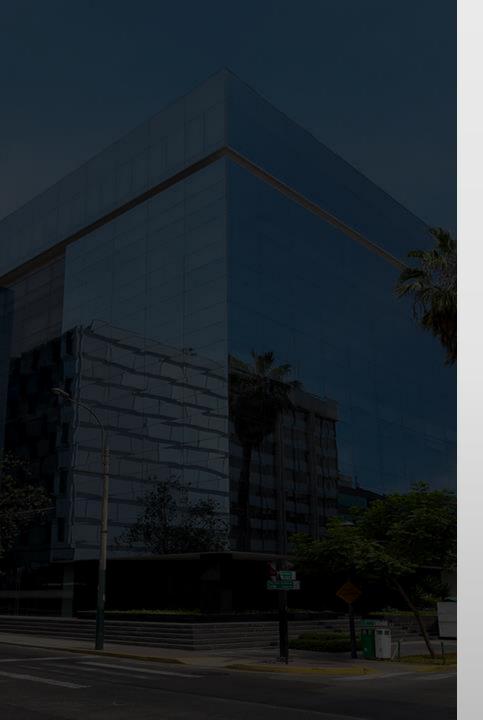


Reweighting

PESOS	17,12%	51,18%	1,09%	4,53%	24,57%	1,50%
MEDIA	0,03%	0,01%	0,03%	0,16%	0,02%	0,11%
Varianza	0,07%	0,04%	0,11%	0,08%	0,03%	0,05%

84%	WEGE3 BZ EQUITY	ALPEKA MF EQUITY	ERJ US EQUITY	PETR3 BZ EQUITY	EGIE3 BZ EQUITY	UNACEMC1 PE EQUITY
WEGE3 BZ EQUITY	0,0005784	-0,0000069	-0,0000173	0,0001906	0,0002313	0,0000215
ALPEKA MF EQUITY	-0,0000069	0,0004142	0,0000231	0,0000073	0,0000344	0,0000066
ERJ US EQUITY	-0,0000173	0,0000231	0,0014479	0,0007038	0,0000211	-0,0000150
PETR3 BZ EQUITY	0,0001906	0,0000073	0,0007038	0,0013102	0,0002047	0,0000088
EGIE3 BZ EQUITY	0,0002313	0,0000344	0,0000211	0,0002047	0,0005271	0,0000120
UNACEMC1 PE EQUITY	0,0000215	0,0000066	-0,0000150	0,0000088	0,0000120	0,0001891
NUEVOS PESOS	11%	22%	7%	0%	11%	49%

E(Rp)	0,064%
V(Rp)	0,010%
Desv	0,988%
rf	0,000%
SHARPE	0,06506



Conclusions and Recommendations

Conclusions and Recommendations



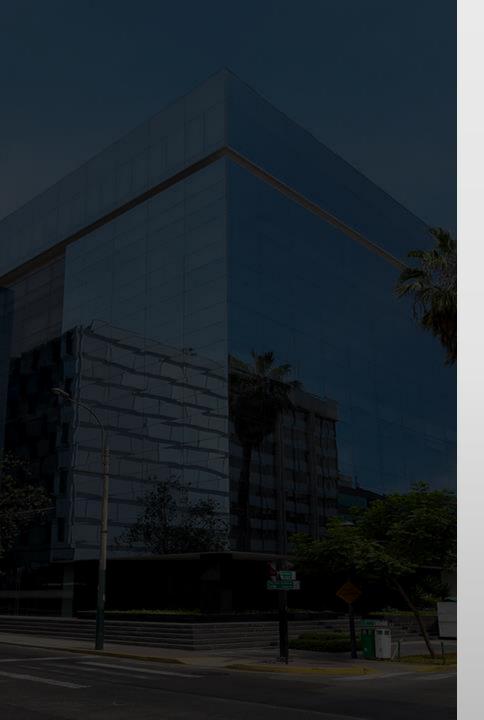
Conclusions

- In our portfolio, we have included assets with high volatility, but also high returns. However, given the moderate profile of the portfolio, it has been decided to keep positions minimal to control risk.
- The equity portfolio was rebalanced to adjust positions and take advantage of market opportunities.
- A long duration position was taken in the Peruvian corporate bond portfolio in order to avoid reinvestment risk in a looser monetary policy environment.



Recommendations

- Given that assets that generate high volatility have been included, it is important to monitor the levels of risk assumed in accordance with the moderate profile of the portfolio. It is therefore recommended to establish stop loss limits and identify risk mitigation strategies such as rebalancing.
- Although diversified in countries and sectors, it is recommended to diversify in other asset classes such as government bonds, commodities or ETFs in order to mitigate risks due to the diversification effect and increase the potential return.
- On the other hand, it is also recommended to invest in assets of other currencies in order to reduce exposure to Latin American specific volatility.



Appendixes

Fixed Income Credit Anlysis





The company's strong market position



Improved cash generation capacity



Sustained demand for services





Dairy market leadership at the national level



Stability in cash flow generation





Leadership in the MSE segment



Expansion of funding sources



Extensive network of agencies nationwide

	Debt/EBITDA	Margin EBITDA	EBITDA/financial expense	ROE	ROA
Telefonica	2,9x	19,4%	2,4%	-83.8%	-
Gloria	2,3x	8,7%	4,7%	11,0%	-
MiBanco	-	-	-	18.1%	2.7%

COMPANY	ACTIVITY	STRATEGY	
EMBRAER	Embraer is one of the world's leading manufacturers of commercial and executive aircraft, with a significant and growing volume of defense and security operations.	Is strategy is based on intellectual property. Embraer currently holds some 800 patents in various countries, many of them obtained through WIPO's Patent Cooperation Treaty (PCT).	
WEG	Company specialized in the manufacture and sale of electric motors, transformers, generators and automation.	WEG has sought to customize and optimize solutions, seeking flexibility, agility and supporting the requirements and applications of each mining operation.	
PETROBRAS	It is a company that is dedicated to the exploration of oil and gas; production, refining, and supply of crude oil and petroleum products; and generation, transportation, and distribution of electrical energy.	Connect with your key contacts, projects, shareholders, related news and more. This company has operations in Brazil. Some topics related to its developments are: Upstream Company (Exploration and Production).	

COMPANY	ACTIVITY	STRATEGY	
ENGIE	Engie is a group of French capital that carries out activities in the fields of generation and distribution of electricity, natural gas, oil and renewable energy.	The renewal of our generation assets. Advance in the conversion of our long-term supply contracts (PPA) still indexed to coal. Develop a new business portfolio.	
UNACEM	UNACEM is dedicated to the production and sale of cement, serving the center of Peru, being distributed by independent hardware stores and also through a network of proprietary hardware stores.	In addition to having installed a production plant in Ecuador and having purchased another in Chile.	
ALPEK	It is a Mexican multinational company that manufactures chemicals and is headquartered in San Pedro Garza García, Nuevo León, Mexico. It is the largest producer of PET and PTA in the Americas and the only producer of polypropylene and caprolactam in Mexico.	Its strategic potential is seen in the acquisition of synergies and geographical diversification.	

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