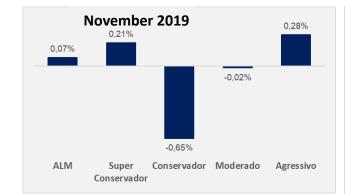




Investments Report December 17, 2019

# INVESTMENT PROFILE PERFORMANCES

	nov/19	Últ. 3m	Últ. 6m	Últ. 12m	Últ. 24m	Últ. 36m
	0,07%	1,98%	4,11%	10,00%	20,15%	32,19%
% CDI	20%	149%	142%	164%	156%	129%
	0,21%	1,18%	2,78%	6,00%	12,61%	24,47%
% CDI	54%	88%	96%	99%	97%	98%
	-0,65%	1,99%	4,36%	9,11%	15,68%	30,07%
% CDI	-170%	150%	151%	150%	121%	121%
	-0,02%	3,41%	8,41%	14,95%	25,46%	41,52%
% CDI	-5%	256%	290%	246%	197%	167%
	0,28%	4,22%	11,01%	18,25%	32,13%	48,25%
% CDI	73%	317%	380%	300%	248%	194%
	% CDI % CDI % CDI	0,07%   % CDI 20%   0,21% 0,21%   % CDI 54%   -0,65% -0,65%   % CDI -170%   -0,02% -0,28%	0,07% 1,98%   % CDI 20% 149%   0,21% 1,18%   % CDI 54% 88%   -0,65% 1,99%   % CDI -170% 150%   -0,02% 3,41%   % CDI -5% 256%   0,28% 4,22%	0,07% 1,98% 4,11%   % CDI 20% 149% 142%   0,21% 1,18% 2,78%   % CDI 54% 88% 96%   -0,65% 1,99% 4,36%   % CDI -170% 150% 151%   -0,02% 3,41% 8,41%   % CDI -5% 256% 290%   0,28% 4,22% 11,01%	0,07% 1,98% 4,11% 10,00%   % CDI 20% 149% 142% 164%   0,21% 1,18% 2,78% 6,00%   % CDI 54% 88% 96% 99%   -0,65% 1,99% 4,36% 9,11%   % CDI -170% 150% 151% 150%   % CDI -5% 256% 290% 246%   0,28% 4,22% 11,01% 18,25%	0,07% 1,98% 4,11% 10,00% 20,15%   % CDI 20% 149% 142% 164% 156%   0,21% 1,18% 2,78% 6,00% 12,61%   % CDI 54% 88% 96% 99% 97%   -0,65% 1,99% 4,36% 9,11% 15,68%   % CDI -170% 150% 151% 150% 121%   -0,02% 3,41% 8,41% 14,95% 25,46%   % CDI -5% 256% 290% 246% 197%   0,28% 4,22% 11,01% 18,25% 32,13%





# MACROECONOMIC OVERVIEW

#### INTERNATIONAL

November brought us little relevant news to the local and global scenario, but some questions deserve special attention and frequent questions.

The trade war between the US and China indicated some signs of truce as an announcement of a preliminary agreement was made, which eventually materialized. We continue to have huge uncertainty about this event.

In China, we saw additional signs of economic slowdown. We've got some concerns about the country and its scenario. For the first time in several years, there's no evidence of a pronounced slowdown or a "hard landing," precisely not at a time when the economy sets in for a downturn. We believe that China can be a great cliff for the global economy and markets in the coming months.

The US economy shows mixed signals. There are some slowing down indicators, but growth still appears to be healthy, at least for now. In Europe, we observed some stabilization in the economic data. However, stabilization is occuring at a very depressed and still unstable level.

#### BRAZIL

The economic growth recovery presents itself more evident every day. Inflation remains low and under control, even if we have to deal with specific problems in the coming months, such as the rise in Food and Energy.

A theme that dominated the headlines of the month was the bullish dollar: the low foreign participation in the Assignment Auction (Cessão Onerosa) frustrated the market (which was technically misplaced), which caused a strong devaluation of the Real. In addition, we see a continued deterioration of our balance of payments and a bad year-end seasonality for the currency.

However, at the end of the month, the Central Bank acted to contain the movement, but it was unable to reverse the uptrend. We believe the base scenario is for the currency to remain in a band slightly above the previous one, which was between 4.0 and 4.20.

With all these vectors on the horizon, it is difficult to imagine a recovery of the Brazilian currency before the beginning of 2020. To do so, a more global weak dollar movement would be necessaruy to happen in the world, which we cannot yet be considered with the current international background.

	Nov-19	3M	6M	12M	24M	36M
Renda Fixa - ALM						
Bradesco ALM	0,07%	1,98%	4,11%	10,00%	20,15%	32,19%
Benchmark: Meta Atuarial	1,18%	2,92%	4,04%	9,58%	23,51%	28,03%
Renda Fixa - IMA-S BNP Paribas FIRF CP						
BINP Paribas FIRF CP Basel	0,15%	1,10%	2,72%	5,95%	12,67%	24,64%
Itaú Amazonita IMA-S RF	0,27%	1,29%	2,93%	6,30%	13,02%	25,07%
FI						
Benchmark: IMA-S	0,38%	1,34%	2,91%	6,11%	12,97%	25,15%
Renda Fixa - IMA- Composite						
Bradesco FIRF Lab	-1,37%	2,94%	6,93%	14,56%	22,17%	37,90%
Itaú Calcedônia RF FI	-1,56%	3,46%	8,18%	15,67%	22,92%	37,90%
Benchmark IMA Composite	-1,04%	2,54%	5,73%	11,69%	19,28%	33,96%
Renda Fixa - Crédito Privado						
Augme Institucional FI RF	0,53%	1,92%	-	-	-	
СР			-	-		-
Benchmark: CDI	0,38%	1,33%	2,90%	6,09%	12,95%	24,88%
Estruturados - Hedge Funds						
Absolute EP Alpha Global	0,51%	1,04%	-	-	-	-
Bahia AM Maraú Estrut	-1,10%	1,09%	3,70%	_	_	_
				0.500/	00.000/	40.040/
Bahia AM Maraú FIC FIM	-1,09%	1,10%	3,71%	9,59%	20,98%	49,94%
Canvas Enduro II FIC FIM	-1,04%	1,33%	4,66%	-	-	-
Canvas Vector FIC FIM	1,65%	-	-	-	-	-
Exploritas Alpha LATAM	-3,96%	3,34%	-10,08%	-	-	-
FIC FIM						
Mauá Macro FIC FIM	-0,54%	4,15%	6,70%	-	-	-
SPX Nimitz Estrut FIC MM	-0,66%	-0,30%	3,27%	3,57%	12,31%	31,62%
Benchmark: CDI	0,38%	1,33%	2,90%	6,09%	12,95%	24,88%
Estruturados - Long &						
Short Apex Equity Hedge FIM	1,61%	3,27%	10,05%	14,59%	33,10%	54,46%
Claritas L&S FIM	1,44%	2,92%	6,17%	-	-	-
Benchmark: CDI	0,38%	1,33%	2,90%	6,09%	12,95%	24,88%
Estruturados - Outros						
Kadima High Vol FIM	-1,36%	-	-	-	-	-
NW3 Event Driven FIC	0,82%	-	-	-	-	-
FIM Benchmark: CDI	0,38%	1,33%	2,90%	6,09%	12,95%	24,88%
Equities - IBrX	2,0070	.,	_,	-,0070	,0070	,0070
Bradesco Instit. IBrX	0,67%	6,21%	13,04%	24,84%	59,43%	85,73%
Alpha		· ·		,		
Oceana Valor FIA	0,31% <mark>0,97%</mark>	6,33% <mark>6,51%</mark>	9,43% 11,98%	23,07% 22,74%	56,57%	95,69% 78,38%
Benchmark: IBrX Equities - Value &	0,91%	0,01%	11,90%	22,14%	52,63%	10,30%
Growth						
Miles Virtus Institucional	1,66%	4,66%	-	-	-	-
			10 500/			
Moat Capital FIA	4,39% -1,16%	7,36% 0,56%	19,50% 15,19%	- 26,25%	-	-
Occam FIC FIA Benchmark: IBrX	0,97%	6,51%	11,98%	20,25% 22,74%	63,71% 52,63%	85,28% 78,38%
Equities - Small Caps	-,0.70	-,0.70	,0070	, ,0	,0070	
Quest Small Caps FIA	4,14%	8,74%	28,02%	-	-	-
Equitas Selection Inst FIC	0,36%	5,51%	27,59%	_	-	-
FIA				22 7 40/	E0 600/	70 200/
Benchmark: IBrX Offshore	0,97%	6,51%	11,98%	22,74%	52,63%	78,38%
Itaú Fof Multi Global EQ	7.070/	7 7704	10 750	05.0004	10.0001	00.570/
MM IE	7,97%	7,77%	18,75%	25,96%	43,03%	63,57%
BlackRock iShare SP500	10,46%	11,25%	24,82%	27,19%	58,67%	85,63%
IE						
Benchmark: MSCI World Pimco Income IE	8,27% 0,52%	9,40% 2,24%	20,08% 3,81%	22,77% 11,19%	42,90% 14,55%	66,50% 34,57%
Benchmark: CDI		2,24% 1,33%	2,90%	6,09%	12,95%	24,88%
Benchmark: CDI	0,0070	1,0070	2,0070	0,0070	12,0070	27,0070

# COMENTS

# **FIXED INCOME**

November presented a relevant opening movement of the interest rate in Brazil. The higher dollar, in addition to the more cautious signaling of the SELIC rate-fall cycle from now on by the Central Bank, and a compromised technical position favored this rate-opening movement. We still don't like the risk / return of the short and intermediate part of the nominal yield curve. We still prefer the long part of real interest as a carry for those with longer investment terms.

# EQUITIES

Despite the recent raise on Ibovespa, which reached its highest nominal level in history, we still see quite a room for the appreciation of the class. In addition to a favorable economic environment, the corporate earnings season showed good performance of the companies, especially those with higher exposure to the domestic economy. We maintain a significant and above-average allocation to equities, focused on "Valor", "Small and Mid Caps" funds, and some more active and liquid funds that can "navigate" a scenario of improvement of local cyclical sectors in favour of global cyclicals.

# **ESTRUTURADOS**

This asset class continues to present a good performance, helped by the closing of interest rates and the rise of the stock market. We maintain an allocation around the average in Macro funds, but we see some performance challenges from now on, after interest rates close. We are rising allocations in "niche" funds, which present lower correlation (no negative correlation) with local assets, lower "beta" to markets and long-term "alpha" generators. In this sense, here comes Long-Short, Quantitative, Event Driven, and so on.

# EXTERIOR

We maintain a defensive position in this asset class, seeking active managers and prioritizing fixed income, especially those of "Absolute Return" over variable income. In equities, we prefer emerging markets. On a smaller scale, Europe and Japan - by valuation - in favor of the USA.

# INVESTMENT PORTFOLIO- BY ASSET MANAGER AND ASSET CLASS

### (BRL mio)

Asset Manager		Fix	ked Inco	me		S	tructured			Equi	ties		Tot	al
	ALM	IMA-S	Crédito	IMA - Composed	Offshore	Hedge Funds	Long & Short	Others	IBrX	Small Caps	Value / Growth	Offshore	\$	%
Absolute	-	-	-	-	-	7,3	-	-	-	-	-	-	7,3	0,62%
Apex	-	-	-	-	-	-	4,3	-	-	-	-	-	4,3	0,36%
Augme	-	-	18,8	-	-	-	-	-	-	-	-	-	18,8	1,60%
AZ QUEST	-	-	-	-	-	-	-	-	-	14,6	-	-	14,6	1,24%
Bahia	-	-	-	-	-	7,6	-	-	-	-	-	-	7,6	0,65%
BlackRock	-	-	-	-	-	-	-	-	17,2	13,1	-	5,9	36,2	3,07%
BNP Paribas	-	165,5	-	-	-	-	-	-	-	-	-	-	165,5	14,05%
BR Plural	-	-	-	-	-	-	-	-	-	-	17,6	-	17,6	1,49%
Bradesco	312,4	-	-	131,6	-	-	-	-	28,7	-	-	-	472,7	40,12%
Canvas	-	-	-	-	-	11,0	-	-	-	-	-	-	11,0	0,93%
Claritas	-	-	-	-	-	-	3,0	-	-	-	-	-	3,0	0,25%
Equitas	-	-	-	-	-	-	-	-	-	21,4	-	-	21,4	1,82%
Exploritas	-	-	-	-	-	7,1	-	-	-	-	-	-	7,1	0,60%
Itaú	-	171,2	-	135,9	-	-	-	-	-	-	-	5,4	312,5	26,52%
Kadima	-	-	-	-	-	-	-	2,1	-	-	-	-	2,1	0,18%
Mauá	-	-	-	-	-	6,6	-	-	-	-	-	-	6,6	0,56%
Miles Capital	-	-	-	-	-	-	-	-	-	-	18,2	-	18,2	1,54%
Moat Capital	-	-	-	-	-	-	-	-	-	-	23,4	-	23,4	1,99%
NW3	-	-	-	-	-	-	-	2,1	-	-	-	-	2,1	0,18%
Oceana	-	-	-	-	-	-	-	-	10,3	-	-	-	10,3	0,87%
Pimco	-	-	-	-	5,5	-	-	-	-	-	-	-	5,5	0,46%
SPX	-	-	-	-	-	10,4	-	-	-	-	-	-	10,4	0,88%
Total	312,4	336,7	18,8	267,5	5,5	50,0	7,3	4,2	56,2	49,1	59,2	11,3	1.178	100%

# MAIN INDICATORS

		Last	Last	Last	Last	Last
	nov-19	3М	6M	12M	24M	36M
CDI	0,38%	1,33%	2,90%	6,09%	12,95%	24,88%
lbovespa	0,95%	7,02%	11,55%	20,93%	50,38%	74,83%
lBrX	0,97%	6,51%	11,98%	22,74%	52,63%	78,38%
USD	5,49%	2,07%	7,19%	9,34%	29,51%	24,36%
IPCA	0,51%	0,57%	0,88%	3,27%	7,45%	10,47%
IGP-DI	0,85%	1,91%	2,02%	5,36%	14,19%	13,82%
Meta Atuarial	1,18%	2,92%	4,04%	9,58%	23,51%	28,03%
IMA-Composto	-1,04%	2,54%	5,73%	11,71%	19,28%	33,96%
IRF-M	-0,46%	2,69%	6,32%	13,05%	24,82%	44,64%
IRF-M1	0,33%	1,61%	3,49%	6,91%	14,37%	27,89%
IRF-M1+	-0,83%	3,27%	7,53%	15,61%	29,19%	51,70%
IMA-B5	-0,28%	3,13%	5,97%	13,30%	23,89%	40,17%
IMA-B5+	-4,07%	4,15%	10,21%	29,45%	47,79%	71,47%
IMA-B	-2,45%	3,71%	8,53%	22,52%	37,40%	58,18%
IMA-S	0,38%	1,34%	2,91%	6,11%	12,97%	25,15%
IMA-G ex-C	-0,70%	2,45%	5,61%	12,93%	23,64%	41,02%
MSCI World Index (USD)	2,63%	7,19%	12,02%	12,29%	10,34%	33,89%
MSCI World Index (BRL)	8,27%	9,40%	20,08%	22,77%	42,90%	66,50%
Saving Accounts	0,27%	0,94%	2,32%	5,37%	11,82%	19,61%



# **Profile SUPER CONSERVATIVE**

# November 2019

CNPJ 02.498.096/0001-95

#### **PERFORMANCE (%)**

		Jan	Fev	Mar	Abr	Mai	Jun	Jul	Ago	Set	Out	Nov	Dez	Ano	Acum. *
119	SuperConserv.	0,55%	0,47%	0,46%	0,54%	0,57%	0,52%	0,58%	0,47%	0,50%	0,47%	0,21%		5,47%	40,38%
201	% CDI	102%	96%	98%	104%	105%	112%	102%	93%	108%	97%	54%		98%	99%
118	SuperConserv.	0,57%	0,44%	0,52%	0,49%	0,50%	0,51%	0,52%	0,54%	0,45%	0,52%	0,46%	0,50%	6,20%	33,10%
201	% CDI	98%	94%	98%	95%	96%	98%	96%	96%	97%	96%	92%	101%	96%	99%
17	SuperConserv.	1,06%	0,91%	0,99%	0,80%	0,90%	0,83%	0,83%	0,82%	0,66%	0,63%	0,55%	0,53%	9,91%	25,33%
50	% CDI	98%	105%	94%	101%	97%	102%	104%	102%	103%	98%	98%	99%	100%	100%
16	SuperConserv.	1,07%	0,93%	1,12%	1,11%	1,09%	1,16%	1,12%	1,23%	1,14%	1,07%	1,05%	1,10%	14,03%	14,03%
20	% CDI	102%	93%	96%	105%	99%	100%	101%	101%	103%	102%	102%	98%	100%	100%

#### **INVESTIMENT POLICY**

#### Macro Objective:

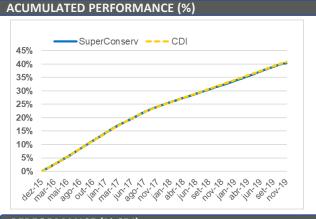
Obtain yields above the established benchmarks, so as to meet the benefit plan's objectives in the long term to provide satisfactory supplementary income to plan retirees, while respecting the allocation and risk limits set forth in the policy and the actuarial-financial balance of the benefit plan.

#### Targeted Groups:

Due to its composition, it has a minimum probability of negative returns, so it is recommended for those who are very aversive to financial risks. In longer periods, the profitability of this profile tends to be lower than the others, as it is proportional to the assumed risk, which is also low.



Segmento	Mínimo	Máximo	Alvo	Benchmark
Renda Fixa	80%	100%	100%	IMA-S
Crédito			50%	
CDI			50%	
Mandato Composto			0%	
Renda Variável	0%	0%	0%	IbrX
Multimercados	0%	10%	0%	CDI
Invest. Exterior	0%	5%	0%	RF: CDI / RV: MSCI World Index em BRL

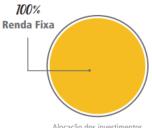


#### **PERFORMANCE (% CDI)**

Período	SuperCons.	CDI	% CDI
3m	1,18%	1,33%	88%
6m	2,78%	2,90%	96%
12m	6,00%	6,09%	99%
24m	12,61%	12,95%	97%
36m	24,47%	24,88%	98%

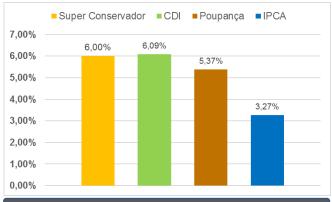
#### ADITIONAL INFORMATION

Meses Positivos Últ. 36 meses	
Meses Negativos Últ. 36 meses	
Meses acima do CDI Últ. 36 meses	
Meses abaixo do CDI Últ. 36 meses	



#### Alocação dos investimentos

#### LAST 12 MONTHS PERFORMANCE

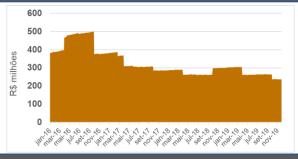




36

23

0 13



Retorno Mensal Máximo Últ. 36 meses	1,10%
Retorno Mensal Médio Últ. 36 meses	0,61%
Retorno Mensal Mínimo Últ. 36 meses	0,21%
Taxa Administração Anual (%)	0,13%



# **Profile CONSERVATIVE**

CNPJ 01.631.246/0001-24

# November 2019

### **PERFORMANCE (%)**

		Jan	Fev	Mar	Abr	Mai	Jun	Jul	Ago	Set	Out	Nov	Dez	Ano	Acum. *
19	Conservador	1,01%	0,45%	0,47%	0,69%	1,15%	1,28%	0,84%	0,19%	1,06%	1,58%	-0,65%		8,36%	53,93%
20	% CDI	186%	90%	101%	133%	212%	273%	147%	38%	230%	328%	-170%		150%	132%
18	Conservador	1,37%	0,60%	0,87%	0,37%	-1,03%	-0,09%	0,76%	0,31%	0,55%	0,98%	0,36%	0,70%	5,90%	42,06%
20	% CDI	235%	130%	164%	72%	-199%	-17%	140%	55%	118%	180%	74%	141%	92%	126%
17	Conservador	1,51%	2,42%	1,10%	0,21%	-0,24%	0,54%	1,87%	1,00%	1,08%	0,28%	0,17%	0,81%	11,26%	34,14%
20	% CDI	139%	280%	105%	27%	-26%	67%	235%	124%	170%	44%	31%	150%	113%	135%
16	Conservador	2,32%	1,60%	2,77%	2,71%	0,48%	1,62%	1,49%	1,11%	1,68%	1,01%	0,21%	1,87%	20,57%	20,57%
20	% CDI	220%	160%	239%	257%	44%	139%	134%	91%	152%	97%	20%	167%	147%	147%

### **INVESTMENT POLICY**

#### Macro Objective:

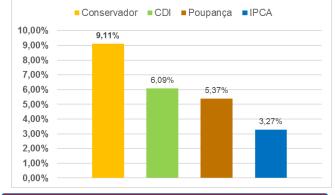
Obtain yields above the established benchmarks, so as to meet the benefit plan's objectives in the long term to provide satisfactory supplementary income to plan retirees, while respecting the allocation and risk limits set forth in this policy and the actuarial-financial balance of the benefit plan.

#### **Targeted Groups:**

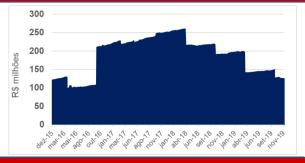
The purpose of the Conservative profile is to balance security with a little more profitability and is suitable for those who can tolerate a little volatility in their equity in the short term.



#### LAST 12 MONTHS PERFORMANCE

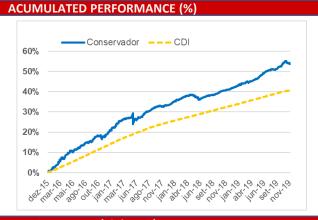






# Funds Allocation:

Segmento	Mínimo	Máximo	Alvo	Benchmark
Renda Fixa	80%	100%	85%	70% IMA-S + 30% IMA-B
Crédito			25%	
CDI			15%	
Mandato Composto			60%	
Renda Variável	0%	5%	5%	IbrX
Multimercados	0%	10%	10%	CDI
Invest. Exterior	0%	5%	0%	RF: CDI / RV: MSCI World Index em BRL



### PERFORMANCE (% do CDI)

Período	Conservador	CDI	% CDI
3m	1,99%	1,33%	150%
6m	4,36%	2,90%	151%
12m	9,11%	6,09%	150%
24m	15,68%	12,95%	121%
36m	30,07%	24,88%	121%

### **ADITIONAL INFORMATION**

Meses Positivos Últ. 36 meses	
Meses Negativos Últ. 36 meses	
Meses acima do CDI Últ. 36 meses	
Meses abaixo do CDI Últ. 36 meses	

32
4
23
13

Retorno Mensal Máximo Últ. 36 meses	2,42%
Retorno Mensal Médio Últ. 36 meses	0,74%
Retorno Mensal Mínimo Últ. 36 meses	-1,03%
Taxa Administração Anual (%)	0,15%



# November 2019

# **Profile MODERATE**

CNPJ 19.941.813/0001-04

### PERFORMANCE (%)

															_
		Jan	Fev	Mar	Abr	Mai	Jun	Jul	Ago	Set	Out	Nov	Dez	Ano	Acum.*
119	Moderado	2,38%	0,34%	0,68%	0,88%	1,40%	2,41%	1,72%	0,63%	1,56%	1,84%	-0,02%		14,69%	69,10%
20	% CDI	438%	69%	145%	170%	258%	515%	303%	125%	337%	382%	-5%		264%	169%
18	Moderado	2,43%	0,53%	0,73%	0,78%	-1,77%	-0,40%	1,54%	0,45%	0,81%	1,40%	0,86%	0,22%	7,79%	47,44%
20	% CDI	417%	113%	138%	151%	-342%	-77%	284%	79%	173%	259%	174%	46%	121%	142%
17	Moderado	2,09%	2,57%	0,60%	0,39%	-0,53%	0,61%	1,94%	1,61%	1,65%	0,37%	-0,38%	1,48%	13,07%	36,78%
20	% CDI	192%	298%	57%	50%	-57%	75%	243%	201%	259%	57%	-67%	275%	132%	145%
16	Moderado	1,03%	1,95%	3,97%	3,04%	-0,24%	1,46%	2,78%	1,04%	1,37%	1,84%	-0,21%	1,24%	20,97%	20,97%
20	% CDI	98%	195%	342%	288%	-22%	126%	251%	85%	124%	176%	-20%	110%	150%	150%

### **INVESTIMENT POLICY**

#### Macro Objective:

**Funds Allocation:** 

Mandato Composto

Renda Fixa

CDI

Crédito

Renda Variável

Multimercados

Invest. Exterior

Obtain yields above the established benchmarks, so as to meet the benefit plan's objectives in the long term to provide satisfactory supplementary income to plan retirees, while respecting the allocation and risk limits set forth in this policy and the actuarial-financial balance of the benefit plan.

63%

30%

0%

70%

20%

12%

5%

65% IMA-S + 35% IMA-B

IbrX

CDI

RF: CDI / RV: MSCI World Index em BRL

31

5 24

12

#### Targeted Groups:

The Moderate Profile is indicated for those who are more tolerant to financial market fluctuations and can deal with greater risk exposure in order to achieve better returns over longer terms.



#### **ACUMULATED PERFORMANCE (%)**

50%

0%

0%

0%

100%

20%

15%

10%



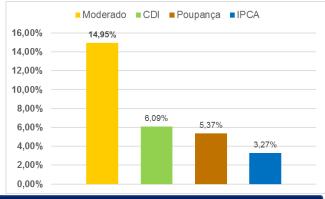
### PERFORMANCE (% do CDI)

Período	Moderado	CDI	% CDI
3m	3,41%	1,33%	256%
6m	8,41%	2,90%	290%
12m	14,95%	6,09%	246%
24m	25,46%	12,95%	197%
36m	41,52%	24,88%	167%

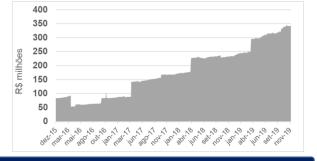
# ADITIONAL INFORMATION

Meses Positivos Últ. 36 meses	
Meses Negativos Últ. 36 meses	
Meses acima do CDI Últ. 36 meses	
Meses abaixo do CDI Últ. 36 meses	

#### LAST 12 MONTHS PERFORMANCE







Retorno Mensal Máximo Últ. 36 meses	2,57%
Retorno Mensal Médio Últ. 36 meses	0,97%
Retorno Mensal Mínimo Últ. 36 meses	-1,77%
Taxa Administração Anual (%)	0,13%
Retorno Mensal Mínimo Últ. 36 meses	1,77%



# November 2019

CNPJ 19.941.829/0001-17

#### **PERFORMANCE (%)**

		Jan	Fev	Mar	Abr	Mai	Jun	Jul	Ago	Set	Out	Nov	Dez	Ano	Acum. *
19	Agressivo	3,39%	-0,05%	0,66%	0,78%	1,56%	3,10%	2,49%	0,79%	1,83%	2,07%	0,28%		18,18%	78,43%
20	% CDI	624%	-10%	140%	150%	288%	662%	439%	158%	394%	430%	73%		327%	192%
38	Agressivo	3,67%	0,52%	0,61%	0,90%	-2,57%	-0,75%	2,30%	0,16%	1,08%	2,20%	1,08%	0,06%	9,51%	50,97%
20	% CDI	629%	111%	114%	173%	-496%	-144%	424%	29%	230%	405%	219%	12%	148%	153%
17	Agressivo	2,60%	2,70%	0,13%	0,48%	-0,92%	0,47%	2,10%	2,45%	2,07%	0,26%	-1,06%	2,09%	14,11%	37,86%
20	% CDI	240%	313%	13%	61%	-99%	58%	264%	306%	324%	40%	-186%	388%	142%	150%
16	Agressivo	0,50%	2,18%	4,92%	3,33%	-1,30%	2,10%	3,59%	0,85%	1,03%	2,70%	-1,04%	0,39%	20,82%	20,82%
20	% CDI	48%	218%	424%	315%	-118%	181%	324%	70%	93%	258%	-100%	34%	149%	149%

#### **INVESTIMENT POLICY**

#### Macro Objective:

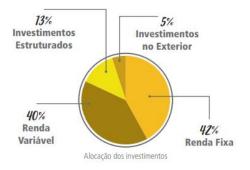
Obtain yields above the established benchmarks, so as to meet the benefit plan's objectives in the long term to provide satisfactory supplementary income to plan retirees, while respecting the allocation and risk limits set forth in this policy and the actuarial-financial balance of the benefit plan.

#### **Funds Allocation:**

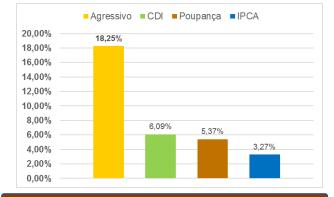
Segmento	Mínimo	Máximo	Alvo	Benchmark
Renda Fixa	30%	100%	42%	60% IMA-S + 40% IMA-B
Crédito			20%	
CDI			0%	
Mandato Composto			80%	
Renda Variável	0%	40%	40%	IbrX
Multimercados	0%	15%	13%	CDI
Invest. Exterior	0%	10%	5%	RF: CDI / RV: MSCI World Index em BRL



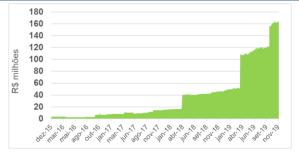
The Aggressive profile is indicated for those who are tolerant of financial market fluctuations and can deal with high risk exposure in order to obtain the best returns over longer terms.



### LAST 12 MONTHS PERFORMANCE



#### ASSET EVOLUTION



#### **ADDITIONAL INFORMATION**

Meses Positivos Últ. 36 meses	
Meses Negativos Últ. 36 meses	
Meses acima do CDI Últ. 36 meses	
Meses abaixo do CDI Últ. 36 meses	

31
5
23
13

Retorno Mensal Máximo Últ. 36 meses	3,67%
Retorno Mensal Médio Últ. 36 meses	1,11%
Retorno Mensal Mínimo Últ. 36 meses	-2,57%
Taxa Administração Anual (%)	0,15%

# **ACUMULATED PERFORMANCE (%)**



#### **RENTABILIDADE (% do CDI)**

Período	Agressivo	CDI	% CDI
3m	4,22%	1,33%	317%
6m	11,01%	2,90%	380%
12m	18,25%	6,09%	300%
24m	32,13%	12,95%	248%
36m	48,25%	24,88%	194%

<u>CDI</u>: stands for the Portuguese equivalent to "Interbank Deposit Certificates". These are securities issued by financial institutions for the purpose of transferring funds from one institution to another for a short period of time. It works as a loan between financial institutions, and also serves as a benchmark for income from Fixed Income investments, such as the CDB, LCI and LCA.

Over time, the CDI rates (DI rates) became a reference for the credit market and, consequently, for the financial market itself. Because banks can lend virtually risk-free money in the interbank market, the CDI has become a standard for analyzing any investment transaction. The logic of this comparison is simple: if it is possible to make money safely and safely at a risk-free rate, why venture into other investments with the same profitability but with greater risk? With this, the DI rate began to be considered as the "minimum" return expected from any investment. In other words, the DI rate, just like Selic, has become a benchmark in the market, serving mainly as a parameter for fixed income and investment funds.

**Fixed Income:** this is type of investment which has became more popular between the investors seeking more stable income and security. It is called Fixed Income just because it presents a predictable profitability. It can be either set as a monthly percentage or follow some index like Selic rate, CDI, inflation, etc. The investment conditions of the securities (such as maturity, interest rate, interest payment method, and others) are established at the moment of the transaction. As observed with investments in general, this category also offers assets with various risk profiles and objectives, and there are basically 3 types of remuneration:

- Fixed Rate: The issuer of the bond sets a fixed rate and, if the investor holds the bond to maturity, will receive the agreed fee.
- Post-fixed: Profitability is based on a reference rate. The main one is the CDI (Interbank Deposit Certificate). The percentage to be paid from the CDI is not fixed and may vary from institution to institution, depending on the amount invested, the negotiation made and the issuer's financial health. For example, 90% of CDI yield or 115% of CDI yield.
- Interest + inflation index: The remuneration varies according to an inflation index (mainly the IPCA) and a fixed interest rate. The remuneration can be, for example, IPCA + 7% per year to buy and hold the paper to maturity.

**Equities:** These are the investments whose yields are not known or cannot be previously determined, as they depend on future events. They enable greater gains, but the risk of eventual losses is greater too. The most common example is shares, which are securities issued by companies, offered to investors and traded on the stock exchange. The main market indexes are the Ibovespa, composed of the most liquid stocks on the stock exchange, and the IBrX, composed of the 100 companies with the largest number of trades and trading volume in the last 12 months. The benchmark for the Equities portion of Previ Novartis profiles is the IBrX.

<u>Structured Investments</u>: It is one of the types of investments provided by the regulation and can be classified in several ways. Check below the types of structured investments that Previ Novartis Investment Policy allows for applications:

- Hedge Funds: Invest in various asset classes, fixed income, equities, foreign exchange, prices indexes and derivatives. They may be leveraged or not (if using derivatives they may generate a possibility of loss higher than the fund's equity).
- Real Estate Investment Funds (FIIs): Funds that are intended for the development of real estate projects, such as real estate construction, purchase of ready-made properties, or investments in projects that enable access to housing for later sale, lease or lease.
- Equity Investment Funds (FIPs): Focuses its investments on the acquisition of securities of publicly or privately held companies. These investments aim to achieve participation in defining the strategy and management of the investee company, by appointing members to the Board of Directors. FIPs have low liquidity and long term return horizon.

**Benchmark:** It is an index used by the market to evaluate the performance of an investment (it is an index for comparison). The benchmark chosen for an investment profile must relate to the investment segments where it allocates.

**IMA (the Portuguese abbreviation for ANBIMA Market Index):** is a family of fixed income indexes that represent public debt through the market prices of a portfolio of federal government securities. IMA sub-indices are determined by the indexers to which the securities are linked:

- IRF-M (prefixed)
- IMA-B (indexed by IPCA)
- IMA-C (indexed by IGP-M)
- IMA-S (floating rate Selic rate)