



# **ABOUT US**

Intelligent solution provider for financial markets and its regulated participants.

"Managing investment risk is a science, not a guessing game."

## **OUR VISION**

Innovate and improve the science of investment, using knowledge and data to help minimize risk for all types of investors.



# Our Origin

Azzilon was founded in Singapore in 2017 by experts in financial engineering and systematic trading.



## **Our New Location**

In 2021, the company relocated to Montreal, Canada and holds offices in Spain and Singapore.



## **Our Partners**

Azzilon has been financed by the Quebec Government and private investors, while also partnering with world-renowned universities for access to top-of-the-line Artificial Intelligence specialists.

# **OUR APPROACH**

## **Powering Investments**

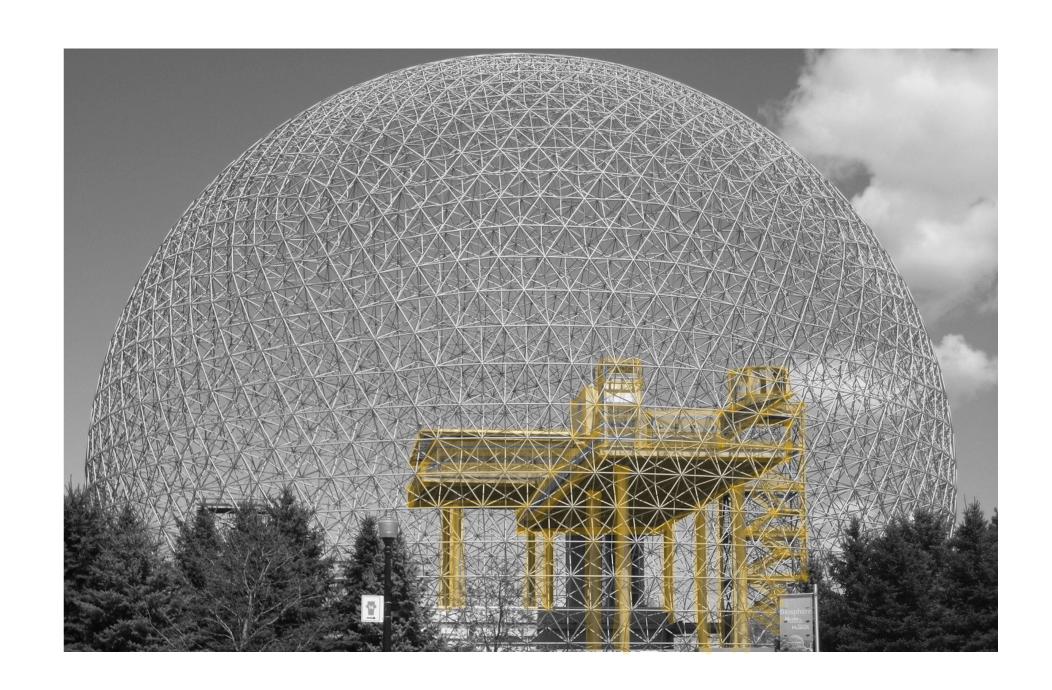
We are a fintech company, looking to support clients with a range of tailor-made solutions, including risk management, with technology at its forefront. Our goal is not to sell products, but to create solutions to existing problems with our clients and partners.



## Flexible, Safe and Effective

Azzilon is proactive and flexible in its approach at tackling modern problems.

Our firm positions itself to provide its clients with the tools they need to navigate the financial markets safely and effectively.



# OUR SMARTB METHODOLOGY

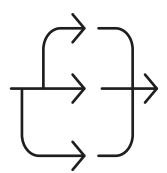
# **Technology Driven**



Azzilon's Al-centric system drives the development of our portfolios. It is asset-class agnostic and manages the investment risk-return relationship, providing more stable returns and reducing portfolio volatility.

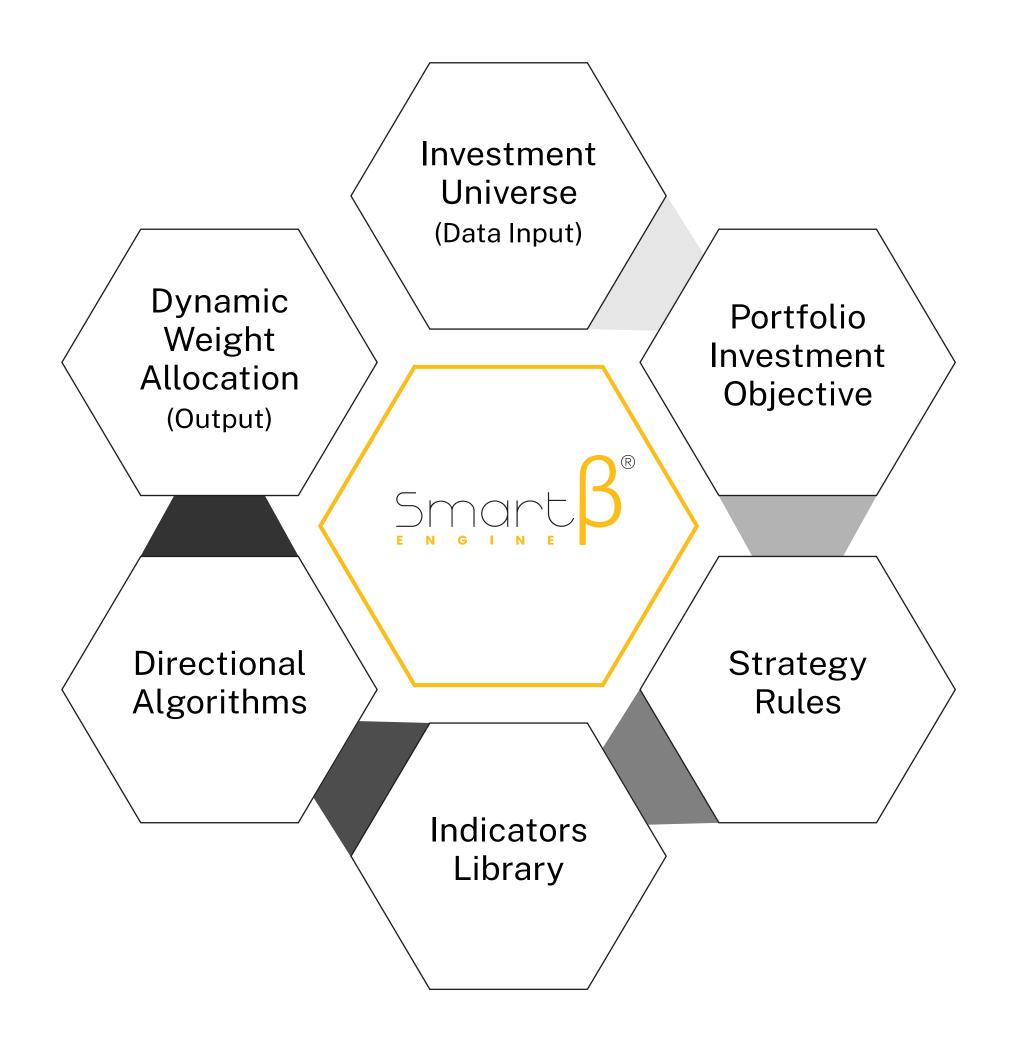
These systems are operated by independent index providers who publish historical and live performance data on channels such as Bloomberg.

## **Our Expertise**



Azzilon is able to apply its technologies to all asset classes, whether it be for overlay management, combatting inflation, or capitalizing on equity market performance.

Thanks to our in-depth know how, we collaborate with our clients in arranging custom wrappers that track our tradeable indices.



# OUR SMARTS INDICES

# In the last year, Smartß100 LIVE has outperformed Nasdaq by over 30%.

Our Smartß strategy has outperformed passive indices and most other actively managed portfolios, delivering superior returns for our clients.

### FACTSHEET - AS OF SEPTEMBER 02, 2022 Solactive SmartB 100 Index



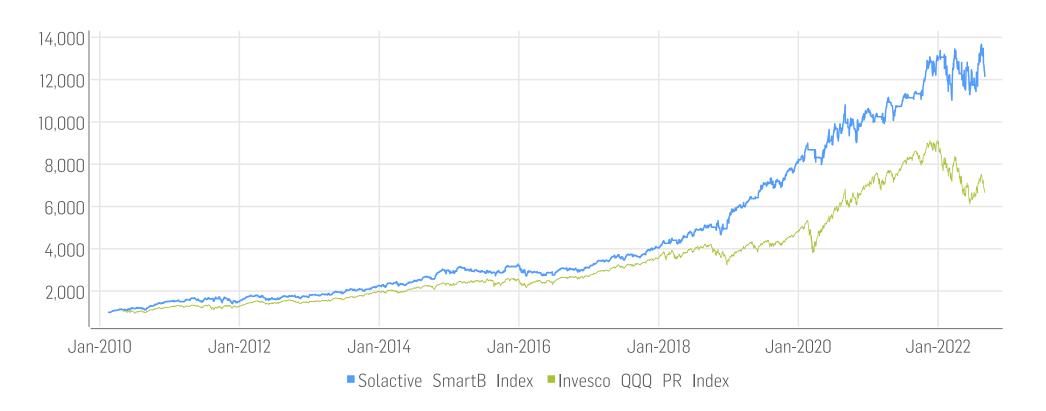
The Index strategy is based on a Smart B Algorithm provided by Azzilon Systems Pte Ltd. It is set to liquidate long positions of the underlying instrument when the price movement reaches a certain degree of negative changes. It will stay cash until price movement is back to positive at which point it reenters a long position.

The underlying instrument is the Invesco QQQ Trust, one of the best established and typically one of the most actively traded ETFs in the world with an AUM of USD 124 billion. QQQ tracks a modified-market-cap-weighted index of 100 NASDAQ-listed stocks.

The Solactive SmartB 100 is an actively and systematically managed exposure to a passive investment; the QQQ. It varies from 125% exposure, when its SmartB algorithm indicates a positive trend, to 0% when it indicates a riskier period.

The methodology is accessible under: Guideline\_\_SOLSB100-V1.pdf

#### HISTORICAL PERFORMANCE





#### **CHARACTERISTICS**

ISIN / WKN	DE000SL0A3F6 / SL0A3F	Base Value / Base Date	1000 Points / 16.02.2010
Ticker / RIC	SOLSB100 Index / .SOLSB100	Last Price	12151.10
Calculation Agent	Solactive AG	52W High	13669.21
Index Type	Total Return	52W Low	11025.41
Index Currency	USD	Calculation	08:00 - 22:52 (CET), every 15 seconds
Index Members	2		

#### **PERFORMANCE**

As of September 02, 2022	Solactive SmartB 100 Index	QQQ
Effective Performance (1M)	-4.36%	-6.10%
Effective Performance (6M)	-0.63%	-14.99%
Effective Performance (1Y)	6.85%	-22.41%
Effective Performance (3Y)	73.39%	57.45%
Effective Performance (5Y)	228.84%	102.17%
Annualized Performance (since Feb, 16 2010)	22.03%	16.32%
Annualized Volatility (since Feb, 16 2010)	18.98%	20.47%
Return over Risk (since Feb, 16 2010)	1.16	0.80
Maximum Drawdown (since Feb, 16 2010)	-18.44%	-32.82%





# OUR FINANCIAL ENGINEERING

Azzilon assists in the creation of index linked financial instruments.



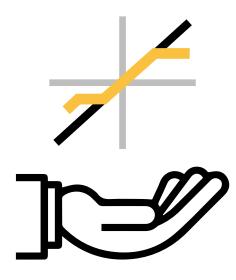
### **PARTICIPATION**

Participation products allow investors to participate in the upside performance of the underlying with the possibility of embeded protection within certain instruments and coditions (participation ratio, capital guaranteed level, fees, and etc.)



### **YIELD ENHANCEMENT**

Yield enhancement products offer a coupon payable during a fixed periodicity. These products provide fixed returns on specified dates and allow the autocall feature, granting investors the option to reinvest the notional.



### **DEFINED OUTCOME**

Defined outcome products add a layer of predictability to an investor's returns. They offer the investor the option of upside enhancement or downside protection over preferred maturity dates.

# **OUR CASE STUDY**

## Client challenge

Standard investment grade products generate insufficient returns. In order to achieve a better yield on their portfolios, they want to be exposed to the US equity market but are concerned about the possible risks of recession, adverse volatility, global uncertainty and inflation which may lead to severe capital losses.

### **SOLUTION: SMARTS VT18**

Azzilon together with the client selected QQQ as the investment universe to be exposed to - QQQ is one of the world's largest ETFs, linked to the Nasdaq 100.

PRODUCT NAME	SMART® VT18	NASDAQ 100	5-YEAR T NOTE
AVERAGE YEARLY RETURN	17%	17%	3%
CAPITAL PROTECTION	85%	0%	100%
CREDIT RATING	BNP A+ (S&P)	None	USD Gov AA+ (S&P)
PARTICIPATION RATIO	90%	100%	100%



#### **Term Sheet**

This product qualifies as a structured product in Switzerland. It does not represent a share in a collective investment scheme and thus is not subject to the approval and supervision of the Swiss Financial Market Supervision Authority FINMA. Therefore, investors in this product are not eligible for the specific investor protection under the Swiss Federal Act on Collective Investment Schemes

The offer of this structured product is strictly limited to Qualified Investors as defined in the Swiss Federal Act on Collective Investment Scheme and the Swiss Federal Ordinance on Collective Investment Schemes. It does not represent a public offer as defined in the Swiss Federal Act on Collective Investment Schemes and the Swiss Federal Ordinance on Collective Investment Schemes.

Indicative Terms and Conditions (our ref. CE29178SBF) as of July 29th, 2022

# 4Y 6M Call Certificate linked to SmartB 100 VT 18 Index in USD powered by Azzilon

Issuer	BNP Paribas Issuance B.V. (S&P's A+)
Guarantor	BNP Paribas (S&P's A+ / Moody's Aa3 / Fitch AA-)
Issue Type	Custom Index Certificate
Issue Amount	USD 10,000,000
Number of Certificates	10,000
Notional Amount per Certificate (N)	1 Certificate = USD 1,000
Currency	USD
lssue Price per Certificate	100%
Listing	None
US Withholding Tax under the Section 871(m) Regulations	Not applicable.
Distribution	In Switzerland, to qualified investors
Trade Date	July 29 <sup>th</sup> , 2022
Strike Date	August 08 <sup>th</sup> , 2022
Issue Date	August 15 <sup>th</sup> , 2022
Redemption Valuation Date	December 21 <sup>st</sup> , 2026
Redemption Date	December 29 <sup>th</sup> , 2026
Custom Index	SmartB 100 VT 18 Index (Bloomberg: SOLSB18V Index)
Administrator	Solactive
Registered	Included
Strike Level	85% x Index <sub>Initial</sub>
Final Redemption	On the <b>Redemption Date</b> , the Issuer shall redeem each Certificate at the following Ca Settlement Amount:
	1) If Index <sub>Final</sub> is greater than or equal to 85% x Index <sub>Initial</sub> :

# SMARTIS EQUITY INDICES



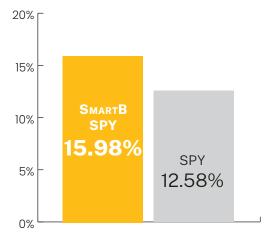


#### **OVERVIEW**

SmartB SPY is a dynamic hedging strategy on exposures linked to the largest ETF tracking the S&P 500 that generates positive alpha while mitigating losses from adverse market movements using similar or lower volatility than a pure cash hedge.

INVESTMENT UNIVERSE	SPY
INVESTMENT OBJECTIVE	Outperform the benchmark and generate stable returns while maintaining a substantially lower volatility
INVESTMENT STRATEGY	Market timing module that determines when to increase or decrease exposures to the underlying product
OBSERVATION FREQUENCY	Daily
OBSERVATION SCHEDULE	Daily

#### **AVERAGE ANNUAL RETURN**



Individual components are rebalanced using our proprietary algorithms and artificial intelligence technology.



#### **ANNUAL PERFORMANCE**

ANNUAL PERFORMANC	E	
YEAR	SMARTB SPY	SPY
2012	12.89%	6.43%
2013	27.54%	26.63%
2014	26.10%	11.33%
2015	-3.42%	0.39%
2016	14.86%	10.07%
2017	16.99%	17.95%
2018	-7.01%	-5.10%
2019	19.88%	26.10%
2020	37.79%	20.66%
2021	8.52%	24.80%
2022 (YEAR TO DATE)	5.65%	-13.45%
Total Return in %	159.80%	125.81%
AVERAGE ANNUAL RETURN IN %	15.98%	12.58%
Total Return	\$4,426.82	\$ 3,018.42
Unleveraged	\$3,886.02	
Annualized Volatility	14.53%	16.82%
Max Daily Drawdown	-5.82%	-10.94%

Azzilon added a layer of SmartB Risk Management to the SPY, greatly enhancing its performance, by reducing the market correction's negative impact. Simply put, the SmartB algorithm detects the disequilibrium in the market behavior and liquidates the SPY investment when such instability is measured, preventing potentially severe pull back in the portfolio component's value.

#### **PORTFOLIO EXPOSURE**

an internal risk management component and a volatility target control based upon 20-days standard deviation of the portfolio's returns and maximum leverage of 150%.

#### TRADING LAG

In order to ensure there is sufficient time for execution, all calculations will be applied on the next trading day.

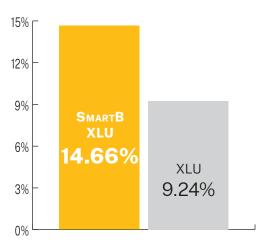


#### SmartB XLU is a dynamic hedging strategy on exposures linked to the S&P Utilities Select Sector that generates positive alpha while mitigating losses from adverse market movements, ensuring a higher risk-return ratio than the benchmark.

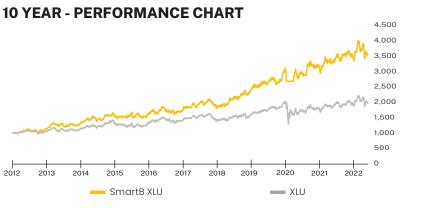
**OVERVIEW** 

INVESTMENT UNIVERSE	XLU
INVESTMENT OBJECTIVE	Outperform the benchmark and generate stable returns while maintaining a substantially lower volatility
INVESTMENT STRATEGY	Market timing modules determine when to increase or decrease exposures to the underlying product
OBSERVATION FREQUENCY	Daily
OBSERVATION SCHEDULE	Daily

#### **AVERAGE ANNUAL RETURN**



Individual components are rebalanced using our proprietary algorithms and artificial intelligence technology.



ANNUAL PERFORMANCI	E	
EAR	SMARTB XLU	XLU
012	6.92%	1.05%
013	17.64%	9.14%
014	22.73%	22.73%
015	-0.69%	-7.22%
016	12.33%	12.78%
017	17.89%	8.60%
018	13.19%	1.60%
019	19.87%	20.63%
020	16.75%	4.46%
021	15.80%	14.38%
022 (YEAR TO DATE)	4.14%	4.25%
OTAL RETURN IN %	146.56%	92.39%
VERAGE ANNUAL RETURN IN %	14.66%	9.24%
OTAL RETURN	\$3,804.55	\$ 2,124.82
NLEVERAGED	\$3,185.93	
NNUALIZED VOLATILITY	15.70%	17.93%
Max Daily Drawdown	-4.65%	-11.36%

#### **METHODOLOGY**

Azzilon adds a layer of SmartB Risk Management to the XLU, greatly enhancing its performance by reducing the market correction's negative impact. Simply put, the SmartB algorithm detects the disequilibrium in the market behavior and liquidates the XLU investment when instability is measured, preventing potentially severe pull back in the portfolio component's value.

#### PORTFOLIO EXPOSURE

using an internal risk management system and a volatility target of 18% based upon a 20-day standard deviation of the of the portfolio's returns and maximum leverage of 150%.

#### **TRADING LAG**

In order to ensure there is sufficient time for execution, all calculations will be applied on the subsequent trading day.



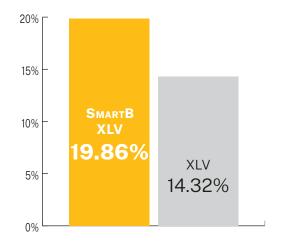


#### **OVERVIEW**

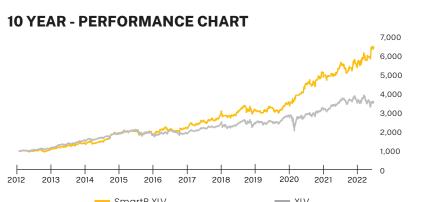
SmartB XLV is a dynamic hedging strategy on exposures linked to the S&P Health Care Select Sector that generates positive alpha while mitigating losses from adverse market movements, ensuring a higher risk-return ratio than the benchmark.

INVESTMENT UNIVERSE	XLV
INVESTMENT OBJECTIVE	Outperform the benchmark and generate stable returns while maintaining a substantially lower volatility
INVESTMENT STRATEGY	Market timing modules determine when to increase or decrease exposures to the underlying product
OBSERVATION FREQUENCY	Daily
OBSERVATION SCHEDULE	Daily

#### **AVERAGE ANNUAL RETURN**



Individual components are rebalanced using our proprietary algorithms and artificial intelligence technology.



#### ANNUAL PERFORMANCE

ANNUAL PERFORMANC	E	
YEAR	SMARTB XLV	XL\
2012	3.50%	10.35%
2013	31.70%	33.70%
2014	32.26%	22.02%
2015	7.09%	6.88%
2016	8.10%	-3.22%
2017	21.95%	18.56%
2018	15.52%	6.06%
2019	12.21%	17.23%
2020	36.49%	15.46%
2021	17.21%	22.37%
2022 (YEAR TO DATE)	12.57%	-6.21%
Total Return in %	198.60%	143.21%
AVERAGE ANNUAL RETURN IN %	19.86%	14.32%
Total Return	\$6,494.19	\$ 3,614.4
Unleveraged	\$5,094.45	
Annualized Volatility	14.80%	16.64%
Max Daily Drawdown	-4.96%	-9.86%

#### **METHODOLOGY**

Azzilon adds a layer of SmartB Risk Management to the XLV, greatly enhancing its performance by reducing the market correction's negative impact. Simply put, the SmartB algorithm detects the disequilibrium in the market behavior and liquidates the XLV investment when instability is measured, preventing potentially severe pull back in the portfolio component's value.

#### PORTFOLIO EXPOSURE

using an internal risk management system and a volatility target of 18% based upon a 20-day standard deviation of the of the portfolio's returns and maximum leverage of 150%.

#### **TRADING LAG**

In order to ensure sufficient time for execution, all calculations will be applied on the subsequent trading day.

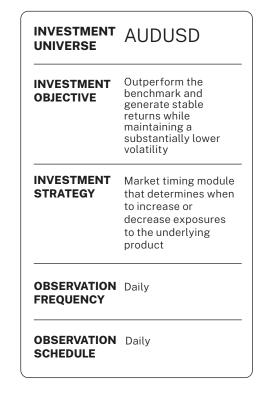
# SMART FX INDICES



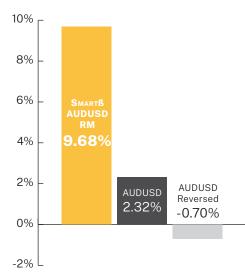


#### **OVERVIEW**

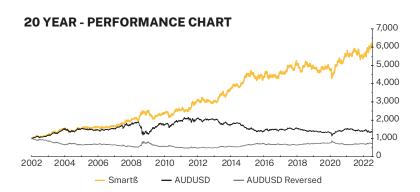
Smartß AUDUSD is a dynamic hedging strategy on AUDUSD that generates positive alpha while mitigating losses from adverse market movements using similar or lower volatility than a pure cash hedge.



#### **AVERAGE ANNUAL RETURN**



Individual components are rebalanced using our proprietary algorithms and artificial intelligence technology.



#### ANNUAL DEDECOMANCE

ANNUAL PERFOR	MANCE		
YEAR	SMARTE AUDUSD	AUDUSD	AUDUSD Reversed
2002	14.30%	10.16%	-9.39%
2003	28.39%	29.74%	-28.71%
2004	3.58%	4.91%	-3.01%
2005	2.73%	-6.05%	6.88%
2006	6.34%	7.73%	-6.96%
2007	15.48%	11.08%	-9.48%
2008	18.21%	-18.34%	25.54%
2009	2.77%	26.20%	-22.74%
2010	12.67%	14.16%	-11.99%
2011	10.51%	0.74%	1.37%
2012	2.91%	2.30%	-1.50%
2013	20.01%	-14.87%	15.88%
2014	18.82%	-8.43%	9.13%
2015	2.92%	-10.73%	12.08%
2016	-3.02%	-0.52%	1.88%
2017	14.97%	8.32%	-7.72%
2018	-2.36%	-9.74%	10.51%
2019	4.76%	-0.22%	0.71%
2020	10.05%	9.99%	-8.49%
2021	0.76%	-5.22%	6.14%
2022 (YEAR TO DATE)	8.75%	-4.87%	5.93%
TOTAL RETURN IN %	193.53%	46.35%	-13.94%
AVERAGE ANNUAL RETURN IN %	9.68%	2.32%	-0.70%
TOTAL RETURN	\$6,042.62	\$1,352.00	\$739.64
ANNUALIZED VOLATILITY	11.34%	12.36%	12.40%
Max Daily Drawdown	-4.83%	-7.05%	-7.86%

#### **METHODOLOGY**

Azzilon added a layer of Smartß Risk Management to the AUDUSD, greatly enhancing its performance, by reducing the market correction's negative impact. Simply put, the Smartß algorithm detects the disequilibrium in the market behavior and liquidates the AUDUSD investment when such instability is measured, preventing potentially severe pull back in the portfolio component's value.

#### PORTFOLIO EXPOSURE

The exposure is adjusted at each rebalancing point. It is defined using an internal risk management component and a volatility target control based upon 20-days standard deviation of the portfolio's returns and maximum leverage of 150%.

#### TRADING LAG

In order to ensure there is sufficient time for execution, all calculations will be applied on the next trading day.

# Smart CAD Overlay POWERED BY CZZILON

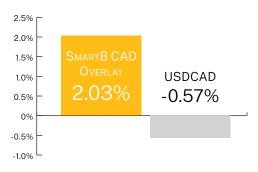


#### **OVERVIEW**

SmartB CAD Overlay is a dynamic hedging strategy on foreign exchange exposures that generates positive alpha while mitigating losses from adverse market movements using similar or lower volatility than a pure cash hedge.

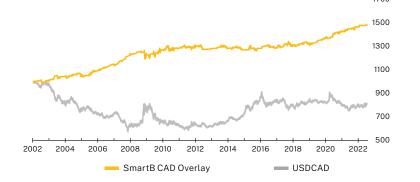
INVESTMENT UNIVERSE	USDCAD
INVESTMENT OBJECTIVE	Reduce the impact of FX volatility on international portfolio exposure
INVESTMENT STRATEGY	Systematically rebalance the weighting of CAD, to a maximum 50% exposure, in order to reduce portfolio volatility
OBSERVATION FREQUENCY	Weekly, based on daily data
OBSERVATION SCHEDULE	The 1st trading day of the week, and if rebalancing is required, it will be applied on the next trading day

#### **AVERAGE ANNUAL RETURN**



Individual components are rebalanced using our proprietary algorithms and artificial intelligence technology.

#### **20 YEAR - PERFORMANCE CHART**



#### **ANNUAL PERFORMANCE**

2002 TO DATE

AVERAGE ANNUAL RETURN

MAXIMUM DAILY DRAWDOWN

AVERAGE ANNUAL VOLATILITY

		REBALANCING	SMARTB	
EAR		FREQUENCY	CAD OVERLAY	USDCAD
002		32	0.39%	-1.37%
003		28	3.96%	-19.00%
004		29	1.27%	-7.31%
005		18	3.51%	-2.84%
006		35	4.47%	0.57%
007		34	7.09%	-15.09%
800		36	-0.08%	21.20%
009		25	3.59%	-13.51%
010		15	1.51%	-4.74%
011		19	1.14%	2.86%
012		28	-1.47%	-2.64%
013		31	0.20%	6.94%
014		24	-1.08%	9.17%
015		28	1.08%	17.87%
016		27	0.62%	-2.44%
017		15	1.46%	-6.43%
018		22	-0.11%	8.43%
019		30	5.43%	-4.72%
020		20	3.41%	-1.73%
021		32	2.59%	-0.41%
022 YEAR TO DA	ATE	18	1.52%	3.87%
002-2012	(1st decade)	271	26.86%	-39.25%
012 то рате	(10+ YEARS)	275	13.66%	27.90%
017 TO DATE	(5+ YEARS)	137	14.30%	-0.99%
020 TO DATE	(2+ YEARS)	70	7.52%	1.74%
021 TO DATE	(1+ YEAR)	50	4.11%	3.47%

40.52%

2.03%

-1.66%

2.79%

-11.35%

-0.57%

-3.86%

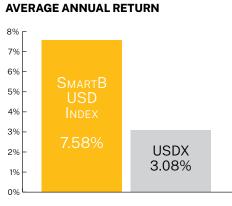




#### **OVERVIEW**

Whilst containing the same components as the US Dollar Index (USDX), the SmartB USD Index is able to generate significantly higher returns with comparative volatility.

INVESTMENT OBJECTIVE  OBJECTIVE  OUtperform the benchmark and generate stable returns to tackle inflation  INVESTMENT STRATEGY  Systematically rebalance portfolio weights within the investment universe while having a long only USD exposure in addition to managing risk as and when needed with an internal volatility target  OBSERVATION FREQUENCY  OBSERVATION SCHEDULE  End of week, applied on the next 2nd tradin day of the week (if required)	
rebalance portfolio weights within the investment universe while having a long only USD exposure in addition to managing risk as and when needed with an internal volatility target  OBSERVATION FREQUENCY  Weekly, based on daily data  OBSERVATION SCHEDULE  End of week, applied on the next 2nd tradin day of the week (if	benchmark and generate stable returns to tackle
OBSERVATION SCHEDULE End of week, applied on the next 2nd tradin day of the week (if	rebalance portfolio weights within the investment universe while having a long only USD exposure in addition to managing risk as and when needed with an internal volatility
on the next 2nd tradin day of the week (if	Weekly, based on daily data
	,



The index acts as a hedge against inflation by generating high returns.

Individual components are rebalanced using our proprietary algorithms and artificial intelligence technology to reduce

#### **INVESTMENT UNIVERSE**

EUR	USD	GBP	USD	USD	USD
USD	JPY	USD	CAD	SEK	CHF
	] 3		0,12	02.1	

# **10 YEAR - PERFORMANCE CHART** 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 SmartB USD Index Benchmark (USDX)

#### **ANNUAL PERFORMANCE**

YEAR	REBALANCING FREQUENCY	SMARTB USD INDEX	USD
2012	16	-5.78%	0.45%
2013	13	7.54%	0.899
2014	13	13.03%	12.039
2015	15	8.66%	9.65%
2016	10	8.75%	3.839
2017	16	1.05%	-9.99%
2018	9	6.06%	4.329
2019	14	8.06%	0.639
2020	12	10.06%	-6.83%
2021	18	6.27%	6.189
2022 (year to date)	10	12.10%	9.469
2012-2022	146	75.82%	30.80%
Average Annual Return		7.58%	3.089
Max Drawdown		-2.72%	-2.26%
Average Annual Volatil	ity	6.35%	6.49%

# SOME OTHER SMART INDICES



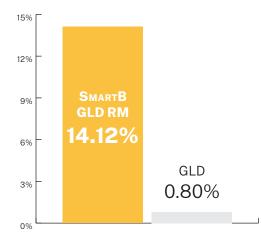


#### **OVERVIEW**

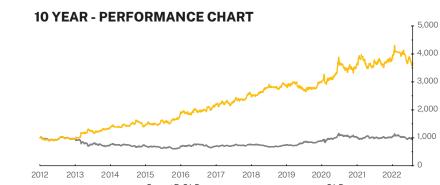
SmartB GLD RM is a dynamic hedging strategy on the SPDR Gold Shares ETF that generates positive alpha while mitigating losses from adverse market movements using similar or lower volatility than a pure cash hedge.

INVESTMENT UNIVERSE	GLD
INVESTMENT OBJECTIVE	Outperform the benchmark and generate stable returns while maintaining a substantially lower volatility
INVESTMENT STRATEGY	Market timing module that determines when to increase or decrease exposures to the underlying product
OBSERVATION FREQUENCY	Daily
OBSERVATION SCHEDULE	Daily

#### **AVERAGE ANNUAL RETURN**



Individual components are rebalanced using our proprietary algorithms and artificial intelligence technology.



- SmartB GLD	— GLD	— GLD	
ANNUAL PERFORMANCE			
Year	SMARTB GLD RM	GLD	
2012	-3.03%	-2.11%	
2013	32.03%	-30.95%	
2014	18.40%	-1.10%	
2015	8.71%	-10.29%	
2016	21.43%	9.03%	
2017	21.38%	12.54%	
2018	15.93%	-1.49%	
2019	-1.15%	17.11%	
2020	18.96%	24.08%	
2021	12.04%	-3.30%	
2022 (YEAR TO DATE)	-3.53%	-5.51%	
TOTAL RETURN IN %	141.17%	8.00%	
AVERAGE ANNUAL RETURN IN %	14.12%	0.80%	
TOTAL RETURN	\$3,660.68	\$961.17	
Annualized Volatility	14.71%	15.02%	
Max Daily Drawdown	-6.63%	-8.78%	

#### AETHODOLOGY

Azzilon added a layer of SmartB Risk Management to the GLD, greatly enhancing its performance, by reducing the market correction's negative impact. Simply put, the SmartB algorithm detects the disequilibrium in the market behavior and liquidates the GLD investment when such instability is measured, preventing potentially severe pull back in the portfolio component's value.

#### **PORTFOLIO EXPOSURE**

The exposure is adjusted at each rebalancing point. It is defined using an internal risk management component and a volatility target control based upon 20-days standard deviation of the portfolio's returns and maximum leverage of 125%.

#### **TRADING LAG**

In order to ensure there is sufficient time for execution, all calculations will be applied on the next trading day.



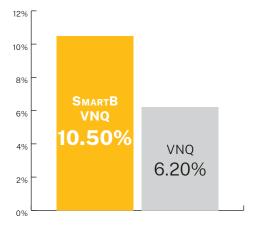


#### **OVERVIEW**

SmartB VNQ is a dynamic hedging strategy on on the Vanguard Real Estate Index Fund ETF that generates positive alpha while mitigating losses from adverse market movements using similar or lower volatility than a pure cash hedge.

INVESTMENT UNIVERSE	VNQ
INVESTMENT OBJECTIVE	Outperform the benchmark and generate stable returns while maintaining a substantially lower volatility
INVESTMENT STRATEGY	Market timing module that determines when to increase or decrease exposures to the underlying product
OBSERVATION FREQUENCY	Daily
OBSERVATION SCHEDULE	Daily

#### **AVERAGE ANNUAL RETURN**



Individual components are rebalanced using our proprietary algorithms and artificial intelligence technology.

#### 10 YEAR - PERFORMANCE CHART



#### ANNUAL PERFORMANCE

EAR	SMARTB VNQ	VNQ
012	6.81%	7.32%
013	5.64%	-0.69%
014	21.89%	23.30%
015	0.10%	-0.12%
016	23.26%	4.94%
017	6.25%	1.09%
018	-2.15%	-9.37%
019	15.72%	22.59%
020	-0.01%	0.13%
021	33.69%	32.29%
022 (YEAR TO DATE)	-5.64%	-19.48%
DTAL RETURN IN %	104.95%	61.98%
VERAGE ANNUAL RETURN IN %	10.50%	6.20%
OTAL RETURN	\$2,530.87	\$ 1,515.96
NLEVERAGED	\$2,544.74	
nnualized Volatility	15.19%	19.35%
Iax Daily Drawdown	-9.63%	-17.73%

#### **METHODOLOGY**

Azzilon added a layer of SmartB Risk Management to the VNQ, greatly enhancing its performance, by reducing the market correction's negative impact. Simply put, the SmartB algorithm detects the disequilibrium in the market behavior and liquidates the VNQ investment when such instability is measured, preventing potentially severe pull back in the portfolio component's value.

#### PORTFOLIO EXPOSURE

The exposure is adjusted at each rebalancing point. It is defined using an internal risk management component and a volatility target control based upon 20-days standard deviation of the portfolio's returns and maximum leverage of 150%.

#### TRADING LAG

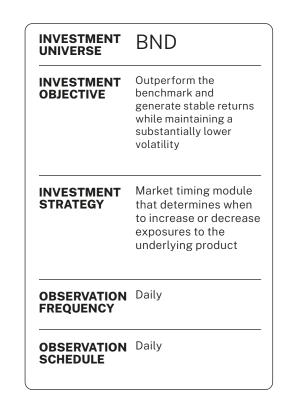
In order to ensure there is sufficient time for execution, all calculations will be applied on the next trading day.

# 5mart B BND RM

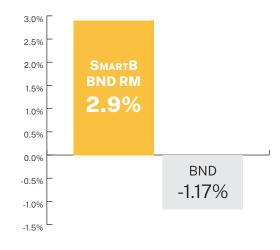


#### **OVERVIEW**

SmartB BND RM is a dynamic hedging strategy on the Vanguard Total Bond Market Index Fund ETF that generates positive alpha while mitigating losses from adverse market movements using similar or lower volatility than a pure cash hedge.



#### **AVERAGE ANNUAL RETURN**



Individual components are rebalanced using our proprietary algorithms and artificial intelligence technology.

#### 10 YEAR - PERFORMANCE CHART



5.11a 1.5 2.10	5115	
ANNUAL PERFORMANCE		
Year	SMARTB BND RM	BN
2012	3.75%	0.31
2013	3.38%	-4.78
2014	-1.66%	2.90
2015	4.14%	-1.90
2016	5.56%	0.10
2017	2.37%	1.00
2018	-0.18%	-2.90
2019	1.40%	5.77
2020	3.18%	5.47
2021	6.55%	-3.91
2022 (YEAR TO DATE)	0.47%	-13.72
TOTAL RETURN IN %	28.95%	-11.67
AVERAGE ANNUAL RETURN IN %	2.90%	-1.17
TOTAL RETURN	\$1,322.77	\$879.9
ANNUALIZED VOLATILITY	4.31%	4.59
Max Daily Drawdown	-1.63%	-5.44

#### **METHODOLOGY**

Azzilon added a layer of SmartB Risk Management to the BND, greatly enhancing its performance, by reducing the market correction's negative impact. Simply put, the SmartB algorithm detects the disequilibrium in the market behavior and liquidates the BND investment when such instability is measured, preventing potentially severe pull back in the portfolio component's value.

#### PORTFOLIO EXPOSURE

The exposure is adjusted at each rebalancing point. It is defined using an internal risk management component and a volatility target control based upon 20-days standard deviation of the portfolio's returns and maximum leverage of 125%

#### **TRADING LAG**

In order to ensure there is sufficient time for execution, all calculations will be applied on the next trading day.

# OUR TEAM



# Charles Villeneuve FOUNDER

Charles is the Founder of Azzilon. Charles graduated with Computer Sciences before becoming Investment Advisor in 1987 and worked with large financial institutions such as the National Bank of Canada, Scotia Bank and Man Group where he was Sr. Vice President SEA, Structured Products and Trading Systems.



# Pierre McMaster

CEO, CO-FOUNDER

Pierre is a Co-Founder of Azzilon. Pierre is an entrepreneur and co-founder of the largest private equity technology fund in Canada. His expertise in private equity along with his proven network brings large value to the firm.



# **Christian Villeneuve**

DEVELOPMENT, CO-FOUNDER

Christian is a Co-founder of Azzilon. Christian has a background in buy & sell side roles in large financial hubs around the world and in firms such as Global Reach Partners. Speaking four languages with a multicultural background, he brings a dynamic and young energy to the company.



# Sonia Agustina

CFO

Sonia possesses over fifteen years of experience, ten of which were in public accounting within the public market sector. Sonia is a Chartered Professional Accountant (CPA, CA) and holds a Bachelor of Administrative Studies, Honours, from York Universi-



## Stéphane Duquette coo

Stéphane has extensive experience in operations management, restructuring and advisory services. He has worked both in SMEs and in large companies, which allows him to have an overview and clearly identify operational needs.

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# **OUR BOARD NOMINEES & ADVISORS**



### **Lawrence Cannon**

Lawrence was the Minister of Transport Canada and later Minister of Foreign Affairs. He was appointed as Canadian Ambassador to France in May 2012 and he served in that position until September 2017.



## **Claude McMaster**

Claude is the former CEO of DBOX (DBO.A). As a board member of BDC, Claude has a vast experience in fast growing companies.



## **Frederic Casgrain**

Frederic is with Casgrain Co, the largest independent bond dealer in Canada dealing with major financial institutions and governments. Casgrain trades close to \$1 trillion per year.



## **Bernard Vives**

Bernard Vives is President and Chief Investment Officer of Amundi Canada and is a of the member US Management Committee. Prior Bernard held to Amundi, multiple management well renown positions in financial Institution over more than 30 years.

# DISCLAIMER

Forward-looking statements.

Certain information set forth in this presentation contains "forward-looking information", including "future-oriented financial information" and "financial outlook", under applicable securities laws (collectively referred to herein as forward-looking statements). Except for statements of historical fact, the information contained herein constitutes forward-looking statements and includes, but is not limited to, the (i) projected financial performance of the Company; (ii) completion of, and the use of proceeds from, the sale of the shares being offered hereunder; (iii) the expected development of the Company's business, projects, and joint ventures; (iv) execution of the Company's vision and growth strategy, including with respect to future M&A activity and global growth; (v) sources and availability of third-party financing for the Company's projects; (vi) completion of the Company's projects that are currently underway, in development or otherwise under consideration; (vi) renewal of the Company's current customer, supplier and other material agreements; and (vii) future liquidity, working capital, and capital requirements. Forward-looking statements are provided to allow potential investors the opportunity to understand management's beliefs and opinions in respect of the future so that they may use such beliefs and opinions as one factor in evaluating an investment.

These statements are not guarantees of future performance and undue reliance should not be placed on them. Such forward-looking statements necessarily involve known and unknown risks and uncertainties, which may cause actual performance and financial results in future periods to differ materially from any projections of future performance or result expressed or implied by such forward-looking statements.

Although forward-looking statements contained in this presentation are based upon what management of the Company believes are reasonable assumptions, there can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. The Company undertakes no obligation to update forward-looking statements if circumstances or management's estimates or opinions should change except as required by applicable securities laws. The reader is cautioned not to place undue reliance on forward-looking statements.

