



January 2025

# **QBLUE GLOBAL SUSTAINABLE LEADERS FUND\***

\*A sub-fund of Heptagon Fund ICAV

The Fund has been classified as an Article 9 for the purposes of the EU's Sustainable Finance Disclosure Regulation ("SFDR"). The Fund has sustainable investment as its objective alongside financial return. The Fund invests primarily in assets classified as sustainable investments as defined under the SFDR. This is a marketing communication. Please refer to the Prospectus of the Fund and the KIID before making any final investment decisions. Please see <u>Prospectus</u> for further information on the Fund's environmental and/or social characteristics and relevant sustainability risks.

Heptagon Capital, 63 Brook Street, Mayfair, London W1K 4HS Tel: +44 20 7070 1800 (FRN 403304)

Authorised & Regulated by the Financial Conduct Authority 12 Endeavour Square, London, E20 1JN The following presentation provides information on the Qblue Global Sustainable Leaders Fund (the "Fund"), a sub-fund of Heptagon Fund ICAV which is an open-ended umbrella type investment company authorised pursuant to UCITS regulations. Heptagon Capital Limited ("Heptagon") is the Investment Manager and Qblue Balanced A/S ("Qblue") is the Sub-Investment Manager meaning Qblue exercises discretionary investment authority over the Fund.

Qblue was founded in October 2018 and created its proprietary investment framework, The Sustainability Cube<sup>™</sup>, in Q1 2020, from which The Sustainable Global Equity Portfolio (the "Strategy") was developed. The Fund has the same Portfolio Managers and Investment Team, the same investment objective and principles and uses the same philosophy and strategy as the Strategy.

Since the Fund launched on 12<sup>th</sup> January 2022, this presentation makes extensive reference to the Strategy's simulated performance ("simulated performance"), which has been calculated solely by Qblue, to provide a better understanding of how the Strategy would have performed over a longer time period. The simulated performance is presented to show a representative global equity account with the same investment objectives, policies and strategy for which the Qblue Investment Team act as Portfolio Manager. Performance of the Fund in the future may vary from the simulated performance shown due factors such as differences in cash flows, fees, expenses, performance calculation methods, portfolio size and composition.

For the same reason, although the following presentation makes extensive reference to the performance of Qblue as Sub-Investment Manager of the Strategy, the data is provided purely for indicative purposes to demonstrate how Qblue has performed historically in its role as investment advisor to this specific Strategy. The performance for the Strategy is not the performance of the Fund and is not an indication of how the Fund would have performed in the past or will perform in the future. This material should not be viewed as a solicitation or offer of services by Qblue. It is provided for informational purposes only.

Any performance data quoted represents past performance. Performance figures are also shown for the MSCI<sup>®</sup> World Index (gross) Return, ("**MSCI World GR**"). The MSCI<sup>®</sup> World Index (gross) is a trademark/service mark of Morgan Stanley Capital International. The MSCI<sup>®</sup> World Index (gross) is designed to measure global developed market performance. The index is unmanaged; is market-value weighted; and is shown for illustration only; and cannot be purchased directly by investors.

The investment return and principal value of an investment will fluctuate so that the investor's shares, when redeemed, may be worth more or less than their original cost. Any investor should consider the investment objectives, risks and charges and expenses of the Fund carefully before investing. The Funds' prospectus and simplified prospectus contain these and other important information about the Fund. The prospectus should be read carefully before investing. Please email <u>london@heptagon-capital.com</u> for a free copy of these documents.

# TABLE OF CONTENTS

I.	The Investment Manager & Sub-Investment Manager	4
н	The Qblue Balanced Team	8
ш	Why invest with us	11
IV	Qblue Global Sustainable Leaders Fund	13
V	Back-test Portfolio Results	21
VI	Appendices	27
VII	Qblue Team Biographies	40
VIII	Fund Particulars	46
IX	Disclaimer	48



# THE INVESTMENT MANAGER & SUB-INVESTMENT MANAGER

### **IRISH UCITS FUND STRUCTURE**

The diagram below explains the Irish UCITS fund structure and the relationship between the Investment Manager, Sub-Investment Manager and other relevant service providers for the Qblue Global Sustainable Leaders Fund.

Heptagon Fund ICAV (domiciled in Ireland)

Qblue Global Sustainable Leaders Fund



# **HEPTAGON CAPITAL**



- . Kopernik Global All-Cap Equity Fund#
- **Oblue Global Sustainable Leaders Fund**
- WCM Global Equity Fund .
- Yacktman US Equity Fund ٠

PRI is a leading global network for investors who are committed to integrating environmental, social and governance considerations into their investment practices and ownership policies. Heptagon signed the UN PRI on 10th July 2019.

\*Heptagon Capital includes Heptagon Capital Limited, licensed to conduct investment services by the Malta Financial Services Authority and Heptagon Capital LLP, authorised and regulated by the Financial Conduct Authority \*\* As of 31/12/2024

# SUB-INVESTMENT MANAGER – QBLUE BALANCED A/S

I Qblue Balanced A/S ("Qblue"), was founded by Bjarne Graven Larsen & Fredrik Martinsson in October 2018 and operates out of Copenhagen, Denmark

- Co-founded by a team of experienced pension fund investment professionals with a long and successful history together.
- Systematic and process oriented in nature and approach.

"A global leader that defines the industry

standards in the field of systematic

# "

#### Our story

Qblue Balanced was established on a distinct idea:

"Based on our collective experience, help institutional investors achieve their objectives by providing sustainable solutions to obtain more diversified, more robust portfolio construction designs."







qblue balanced

PRI is a leading global network for investors who are committed to integrating environmental, social and governance considerations into their investment practices and ownership policies. *Qblue signed the UN PRI on 7th June 2022.* 

Source: Qblue Balanced A/S.

**Our Vision** 

investments"



# THE QBLUE BALANCED TEAM

# THE QBLUE BALANCED TEAM

- Oblue Balanced is a Copenhagen based **asset manager** founded in 2018 by Bjarne Graven Larsen, former CIO at ATP and Ontario • Teachers' Pension Plan.
- Co-founded by a team of **experienced** pension fund investment professionals with a long and **successful history together**. •
- We are **systematic and process oriented** in nature and approach.





**Fredrik Martinsson** CIO



**Bjarne Graven Larsen** CEO



**Tine Lundegaard** CCO



**Anders Lavesen** CIO



**Merete Holm Wester** Executive Assistant



**Andreas Wulff** Head of Operations





Iulie Lauritzen Finance and Compliance



**Martin Richter** PhD, Senior PM



**Christian Olesen** Financial Data Engineer

**Kevin Mitchell** 

Head of Technology and Risk

**Michael Sandfort** 

Senior PM



**Filipa Cilius Nielsen** Sustainability Manager



**Kristian Hansen** Data Analyst



Nicolai Munkholm Sales and Relationship Manager



Jonas Nielsen **Operations Manager** 



Lars Hougaard PhD, Senior PM



**Sebastian Baltser Financial Software** Engineer



Hans Hoerberg Vejlstrup **Operations Manager** 



Lars Voss Toft Senior PM



**Thomas Stryger Olsen** Senior PM





Joakim Kønia Data Analyst



Asger Waagepetersen Data Analyst



**Trine Drejer** Data Analyst



# **QBLUE BALANCED – BJARNE GRAVEN LARSEN**



Bjarne Graven Larsen CEO

- Pension fund and financial sector veteran with 30+ years of experience in the industry
- Founded Copenhagen based asset management company, **Qblue Balanced** in 2018
- Former Chief Investment Officer and executive board member of Ontario Teachers' Pension
   Plan (OTPP)
- Former Chief Investment Officer and executive board member of **ATP**, Denmark's largest and Europe's fourth largest pension fund, and a **global pioneer in sustainability integration**
- Former Chair of the Investment Committee at Europe's leading renewable infrastructure fund,
   CIP and the held the position as CFO at Novo A/S and before that he was the CEO of FIH
   Erhvervsbank A/S (FIH)
- Bjarne has also held positions at **Realkredit** Denmark, the country's largest Mortgage Bank, in
   Denmark's Central Bank and in the Ministry of Finance



# **AUM & PRODUCT SPLIT**

Total AUM in Qblue Balanced A/S is (as of 31.12.2024) **2.215bn** USD split in 2 strategies:

- Alternative Risk Premia (ARP)
- The Sustainable Global Equity Portfolio:
  - Global Sustainable Leaders (Ruth Core Equities)
  - Qblue Global Sustainable Leaders
  - Global Sustainable Leaders Small Cap
  - Qblue Globale Bæredygtige Aktier (Dansk Investeringsforening)





#### For illustrative purposes only

Sources: Qblue Balanced A/S



# WHY INVEST WITH US

### WHY INVEST WITH US

Qblue founded and managed by **a team** of experienced investment professionals **with a long and successful history together** 

01

We have **ingrained buy side expertise** being **pension fund managers** and know the Investment Committee and Board Room from the inside

02

We have been **investing** large scale funds **sustainably** for **20 years. The Sustainability Cube™** is integrated in Qblue products and in our DNA

03

04

We believe in **continuously improving** implementation and extraction design as an integrated part of our commitment to take **fiduciary responsibility**  Our goal is to help investors to achieve results and we will **remain size constrained** to do this

05

07

Our approach and expertise in creating robust and balanced portfolios is unique and has been tested at some of the worlds most advanced pension plans We offer a **strategic partnership** and **access** to expertise beyond products and solutions offerings

**08** 

**Radical transparency.** We are partners and will share everything we have with you

06

Solution provider approach with client objectives as the focal point – Everything we do is directed by a desire to help our clients!

09



# **QBLUE GLOBAL SUSTAINABLE LEADERS FUND\***

\*Since the Qblue Global Sustainable Leaders Fund launched on 12<sup>th</sup> January 2022, the following slides make reference to **The Sustainable Global Equity Portfolio** to provide a better understanding of the Strategy.

# **QBLUE GLOBAL SUSTAINABLE LEADERS FUND**



- Strategy based on our proprietary Sustainability Cube<sup>™</sup> framework
   launched as an Irish UCITS Fund in Q1 2022
- **Strong sustainability characteristics** front and centre. Significant carbon emissions reductions, industry leadership in ESG and alignment with SDG's obtained simultaneously, creating robustness
- Our **equity factor toolbox** applied to control for unwanted exposures and to ensure sensibility in valuations
- We believe that our Sustainable Global Equity Portfolio will deliver a **meaningful excess return** compared to the MSCI World index
- The **portfolio volatility** is expected to be at the same level as the benchmark or slightly below. **Better tail risk** properties expected

# THE SUSTAINABILITY CUBE™



#### **X-axis: Climate Transition Score**

Measures how well a company is positioned to deal with the current and future challenges imposed by climate change. Current carbon footprint, carbon targets and decarbonisation progress are considered. All companies are scored on an absolute scale between 0–10, where 10 is the best.

#### Y-axis: ESG Industry Leadership Score

Measures how well a company is positioned to deal with the potential risks related Environmental, Social and Governance issues. All companies are scored on an industry relative scale between 0–10, where 10 represents the leading company within an industry.

#### Z-axis: UN SDG Score

Measures how aligned a company is with the 17 UN Sustainable Development Goals (SDG). Measured e.g. by identifying revenue and R&D that can be attributed to products and services that can help solve some of the world's major social and environmental challenges. All companies are scored on an absolute scale between 0–10, where 10 is the best.

### **P**<sub>**R**, X,Y,Z</sub>

The reference or benchmark portfolio.

#### **P**<sub>*T*, *X*,*Y*,*Z*</sub>

A hypothetical target portfolio.

#### For illustrative purposes only

# **PORTFOLIO CONSTRUCTION PROCESS**

#### I The Sustainability Cube ~20,000 names



Benchmark: MSCI World
Portfolio Universe: Developed Markets, ~2,300 names
Initial screening to remove companies with low social score, and companies on the exclusion list



 Remove mispriced companies using the five Qblue Equity factors (Value, Momentum, Profitability, Yield and Low Risk)



 Select 10% best companies along the three dimensions of the Sustainability Cube<sup>™</sup>



• Apply conviction score to decide company weights

Apply portfolio risk framework to balance the portfolio (regions, industries, size, beta and equity factors) to obtain **Qblue Global Sustainable Leaders**.



as of 31/12/2024



For illustrative purposes only

### **COUNTRY EXPOSURES**

as of 31/12/2024



**INDUSTRY EXPOSURES** 

as of 31/12/2024



Sources: Qblue Balanced A/S

### **UCITS FUND PERFORMANCE**

as of 31/12/2024

#### I Cumulative Performance Since Inception in USD



#### I Monthly Returns: Class C – Net of fees in USD

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Νον	Dec	Year	MSCI World	World ESG Leaders
2022	-5.6%*	-3.3%	3.3%	-7.7%	1.7%	-9.2%	8.0%	-5.8%	-10.2%	9.3%	8.9%	-3.9%	-16.0%*	-17.7%*	-18.6%*
2023	7.3%	-2.9%	3.5%	0.1%	-0.5%	3.4%	3.0%	-3.2%	-4.7%	-3.7%	10.6%	5.4%	18.4%	23.8%	25.4%
2024	0.6%	4.0%	2.9%	-5.6%	5.1%	2.6%	3.0%	3.9%	1.9%	-2.9%	4.9%	-4.5%	16.1%	18.7%	17.3%

Past performance is no guide to future performance and the value of investments and income from them can fall as well as rise.

Source: Heptagon Capital, Refinitiv, Bloomberg, Morningstar \*Since Fund inception on 12th January 2022.

For illustrative purposes only



# **BACK-TEST PORTFOLIO RESULTS**

This presentation provides information on the Qblue Sustainable Global Leaders Fund (the "Fund"), a sub-fund of Heptagon Fund ICAV which is an open-ended umbrella type investment company authorised pursuant to UCITS regulations. Heptagon Capital Limited is the Investment Manager and Qblue Balanced A/S ("Qblue") is the Sub-Investment Manager meaning Qblue exercises discretionary investment authority over the Fund.

Since the Fund launched on 12<sup>th</sup> January 2022, the following pages (slides 21 to 25) in this presentation reference Qblue's simulated 'Sustainable Global Equity Portfolio' performance back-test ("simulated performance") which has been calculated solely by Qblue. The simulated performance is presented to show a representative global equity account with the same investment objectives, policies and strategy for which the Qblue Investment Team act as Portfolio Manager. This simulated performance should not be viewed as that of the Qblue Sustainable Global Leaders Fund or an indication of how the UCITS Fund will perform in the future. Performance of the Fund in the future may vary from the simulated performance should not be viewed as that of the Qblue Sustainable Global Leaders Fund or an indication of the VCITS Fund will perform in the future. Performance of the Fund in the future may vary from the simulated performance shown due factors such as differences in cash flows, fees, expenses, performance calculation methods, portfolio size and composition. The period covered for this simulated performance is 01.02.2017 – 31.12.2024. The inception date 01.02.2017 was chosen for the simulated performance due to the inclusion of a second dimension, the "Climate Transition" dimension, to Qblue's proprietary sustainability scoring framework, the Sustainability Cube<sup>TM</sup>. This reflects a more accurate representation of the strategy to which the Fund will adhere. Evolution of the framework has been as follows:

- Dimensions Climate Transition, ESG Industry Leaders (from 01.02.2017 to 31.12.2018)
- Dimensions Climate Transition, ESG Industry Leaders, UN SDG (from 01.01.2019 to present)

Heptagon Capital has not verified the simulated performance. The simulated performance is shown gross of any fees and is denoted in EUR.

Any performance data quoted represents past performance and does not guarantee future results. Performance figures are also shown for the MSCI® World Index (gross) Return, ("MSCI World GR"). The MSCI World Index is a trademark/service mark of Morgan Stanley Capital International. The MSCI World Index is a market capitalization-weighted index that represents large and mid caps across 23 Developed Markets countries (Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland, the UK and the US).

# **BACK-TEST PORTFOLIO RESULTS**

01/02/2017 - 31/12/2024

#### **|** Cumulative Performance in EUR



\*Since back-test inception 01.02.2017

#### Simulated past performance is no guide to future performance and the value of investments and income from them can fall as well as rise.

All returns are unhedged and denoted in EUR, gross of fees. Where an investment is denominated in a currency other than the investor's currency, changes in rates of exchange may have an adverse effect on the value, price of, or income derived from the investment. Sources: Oblue Balanced A/S, Bloomberg

#### For illustrative purposes only

# **BACK-TEST PORTFOLIO RESULTS**

#### **|** Maximum Drawdown



	201 Qblue	17* MSCI	20 Qblue	18 MSCI	20 Qblue	19 MSCI	20 Qblue	20 MSCI	20 Qblue	21 MSCI	20 Qblue	22 MSCI	20 Qblue	23 MSCI	20 Qblue	24 MSCI
Return	11.2%	7.6%	-5.0%	-3.6%	34.0%	30.8%	17.6%	6.9%	42.0%	31.6%	-12.3%	-12.3%	17.2%	20.2%	24.9%	27.2%
Volatility	7.2%	6.5%	13.6%	12.9%	10.6%	11.0%	20.4%	23.4%	11.4%	9.1%	22.8%	19.6%	11.6%**	9.6%**	11.7%	9.3%
Sharpe Ratio	1.7	1.3	-0.4	-0.3	3.2	2.8	0.9	0.3	3.7	3.5	-0.5	-0.6	1.5**	2.1**	2.1	2.9
Maximum Drawdown	-6.1%	-6.7%	-18.0%	-16.5%	-5.9%	-5.9%	-29.2%	-33.7%	-5.9%	-4.6%	-17.6%	-16.6%	-8.2%	-7.5%	-6.8%	-9.0%
			Annual Return		Annual /olatility	Sł	narpe Ra	tio	Trackin Error	g	Max Drawdo	wn	Skewr	less	Kurt	osis
The Sustainab Equity Portfoli			15.1%		14.7%		1.0		4.3%		-29.29	6	-0.2	2	0.3	3
MSCI World Gi	R		12.6%		13.9%		0.9		-		-33.7%	6	-0.5	5	1.	5

Simulated past performance is no guide to future performance and the value of investments and income from them can fall as well as rise.

\*2017 calendar year covers the period 01.02.2017 – 31.12.2017

All returns are unhedged and denoted in EUR, gross of fees. Where an investment is denominated in a currency other than the investor's currency, changes in rates of exchange may have an adverse effect on the value, price of, or income derived from the investment.

\*\*Volatility and SR for year 2023 is based on monthly returns over the last 12 months Sources: Qblue Balanced A/S, Bloomberg

### **BACK-TEST PORTFOLIO RETURN ATTRIBUTION**

#### 01/02/2017 - 31/12/2024



Industry Performance

#### Annualised Return Attribution

#### Simulated past performance is no guide to future performance and the value of investments and income from them can fall as well as rise.

*Industry Selection:* The attributed return is calculated by taking higher or lower weightings to the MSCI World universe through selecting various industries and regions. *Stock Selection:* The attributed return is calculated by selecting a number of stocks within industries from the MSCI World universe. *Sources: Qblue Balanced A/S* 

#### For illustrative purposes only

# **BACK-TEST CARBON EMISSION DATA**

#### I Significant reductions in carbon emission and carbon intensities scope 1+2

	Scope 1+2 Carbon Intensity, tons CO2e/\$M Sales	Scope 3 Carbon Intensity estimated, tons CO2e/\$M Sales	Scope 1+2 Carbon Emissions, tons CO2e/\$M Invested	Scope 3 Carbon Emissions estimated, tons CO2e/\$M Invested
The Sustainable Global Equity Portfolio	13.62	340.41	5.16	153.25
MSCI World	92.67	757.66	50.63	371.43
Reduction	85%	55%	90%	59%

Simulated past performance is no guide to future performance and the value of investments and income from them can fall as well as rise.

- The portfolio scores very well on Climate Transition, ESG Industry Leadership and SDG alignment
- The balanced overall score places the portfolio in the best 4 percent globally

	Sustainability Cube Score™ (percentile)	Climate Transition Score (percentile)	ESG Industry Leaders Score (percentile)	UN SDG Score (percentile)	Number of Names
The Sustainable Global Equity Portfolio	7.23 (93%)	7.01 (82%)	8.75 (91%)	6.24 (76%)	108
MSCI World	6.17 (50%)	6.50 (66%)	6.65 (47%)	5.58 (36%)	1376

Simulated past performance is no guide to future performance and the value of investments and income from them can fall as well as rise.



# **APPENDICES**

-

◀

# TOP 20 HOLDINGS – THE SUSTAINABLE GLOBAL EQUITY PORTFOLIO as of 31/12/2024

Name	Country	Industry	Weight*	Sustainability Cube Score™
APPLIED MATS.	US	Semiconductors & Semiconductor Equipment	5.00%	7.37
ADOBE (NAS)	US	Software	5.00%	7.61
NVIDIA	US	Semiconductors & Semiconductor Equipment	5.00%	7.82
HEWLETT PACKARD ENTER.	US	Computers & Peripherals	4.24%	7.68
INTERNATIONAL BUS.MCHS.	US	IT Consulting & Services	4.10%	7.24
AUTOMATIC DATA PROC.	US	Professional Services	3.23%	7.18
VISA 'A'	US	Financial Services	2.85%	7.00
ELEVANCE HEALTH	US	Health Care Providers & Services	2.63%	7.03
SERVICENOW	US	Software	2.56%	7.52
GENERAL MILLS	US	Food Products	2.47%	6.71
EDWARDS LIFESCIENCES	US	Health Care Equipment & Supplies	2.25%	7.69
SCHNEIDER ELECTRIC	FR	Electrical Equipment	2.11%	7.81
MASTERCARD	US	Financial Services	1.96%	7.19
INTUIT	US	Software	1.82%	7.43
GILEAD SCIENCES	US	Biotechnology	1.82%	7.03
AUTODESK	US	Software	1.78%	7.74
NOVO NORDISK 'B'	DK	Pharmaceuticals	1.70%	7.12
TELUS	CA	Diversified Telecommunication Services	1.58%	6.62
D R HORTON	US	Household Durables	1.55%	6.57
QBE INSURANCE GROUP	AU	Insurance	1.52%	7.54

# THE QBLUE BALANCED STORY



Based on our collective experience, help institutional investors achieve their objectives by providing **solutions to obtain more diversified, more robust portfolio construction designs**  "We help our clients to identify and achieve their goals by developing and delivering robust and sustainable investment solutions with superior risk-adjusted returns at an attractive price" "A global leader that defines the industry standards in the field of systematic investments" I We use our proprietary equity factor toolbox to add value, control for unwanted exposures and ensure sensibility in valuations of sustainability.

	Value	Momentum	Profitability	Shareholder Yield	Low Risk
Qblue Global Sustainable Leaders	-0.06	0.28	0.73	0.00	0.37
MSCI World	-0.33	0.42	0.60	-0.07	0.17

\*Bottom-up exposures, calculated as weighted Z-scores. Sources: Qblue Balanced A/S. Value: Forward Earnings to Price, Earnings to Price, Free Cashflow to Price. Operating Cashflow to Price Momentum: 12-1 Months Price Momentum Profitability: Gross Profitability over Assets, Cash Flow over Assets Shareholder Yield: Earnings Distribution to Price Low Risk: Low Beta, Low Residual Volatility

# **OUR TAKE ON SUSTAINABLE INVESTMENTS**





#### Sustainability is about

- Meeting the needs of the present **without compromising** the ability of **future generations** to meet their needs
- Recognising that your **contribution to society** is instrumental in how you are assessed

#### Sustainable investing is about

- Investing in **innovation** and progress
- Identifying and invest in the companies best positioned to solve the **world's biggest challenges**
- **Avoid** investing in the companies that are part of the problem, showing no signs of a fast transition



#### We believe that

Sustainability is one of the most **powerful trends** we have seen in investing, and it is going to accelerate in decades to come

# SOCIETAL VALUE OF CORPORATE ACTIVITIES

- The public value of business activities will **increasingly be included** in company valuations
- Sustainable business models will be able to **attract more capital** at a lower cost of capital
- New innovative business models and stranded assets



Sources: Qblue Balanced A/S

# A SUSTAINABLE AND RESPONSIBLE INVESTMENT APPROACH



#### A long track record in this field

Multifaceted determined effort

Partnerships – Engagement International, Matter We comply with **best practices** regarding international ESG standards – Engagement and Exclusions

# We have developed the **Sustainability Cube™**

Three dimensional company screening and ranking across: - Climate transition - ESG Industry leadership - UN SDG's

# Sustainable investment portfolio integration

More to come...

**Constantly** developing framework...

Adoption and integration of **new data** as it becomes available

# **OUR SUSTAINABLE INVESTMENT PROCESS**

#### I Our 2-step approach to sustainable investments



# HOW TO ACHIEVE A ROBUST AND BALANCED SUSTAINABILITY MEASURE?





The Sustainability Cube™ deals with all of the above
## THE CLIMATE TRANSITION SCORE

#### **Continuous Improvement**

Since not all companies disclose carbon emissions, we continuously work on improving data quality by incorporating estimated values both from analysts and from own models.

It is our belief that it will become increasingly important how well a company is delivering on their carbon reduction promises and Paris agreement alignment. Therefore, we will include e.g. carbon target analysis, both on historical and future targets, and we have included patent data in measuring the decarbonization progress of a company.

Due to the lacking nature of reported values and to get a "public" opinion on how well a company is doing with respect to solving carbon related issues, we have recently included a market wide Climate Transition sentiment score using NLP methods.



All emissions are measured in CO2e i.e., carbon dioxide equivalent

The latest Sustainability Cube<sup>™</sup> changes were implemented as of 2<sup>nd</sup> May 2023. The changes include: a) Climate Transition Sentiment weighting increased; b) reduced weight to Actual

#### **Continuous Improvement**

Even though ESG is well-known there is a lack on consensus on how to measure it. We will continue to incorporate ESG data from various sources to improve the robustness.

In addition, we are looking into the weightings of the different ESG scores. The research on the tax governance score is ongoing and the weight is expected to be increased.

Due to the lacking nature of reported values, we will include real-time controversies screening to ensure that we address potential issues early.



### THE UN SDG SCORE

#### **Continuous Improvement**

All revenue and R&D that can be attributed to the 17 UN SDGs are not equal. We will continue to work on ways to differentiate companies on their efforts to solve some of the world's major challenges. As an example, we will soon include issued SDG innovation patents as an indicator of progress.

To get a "public" opinion on how well a company is doing with respect to addressing UN SDGs we has recently included a market wide sentiment score using NLP methods.





The inputs are the sub-scores from each dimension (ESG, Climate and SDG)



Sub-scores are equally weighted in order to calculate the final Score



Companies can now be ranked between as well as within industries



Continued improvements in data and data quality



The Score can be used for portfolio construction purposes as well as reporting



The Sustainability  $\mathbf{Cube}^{\mathsf{TM}}$  is integrated into everything we do



# **QBLUE TEAM BIOGRAPHIES**

**Bjarne Graven Larsen** CEO Bjarne Graven Larsen is a pension fund and financial veteran with more than 30 years of experience in the industry. He is the former Chief Investment Officer and executive board member of Ontario Teachers' Pension Plan (OTPP). From 1999-2010 Bjarne was the Chief Investment Officer and executive board member of ATP (Denmark's largest and Europe's fourth largest pension fund). Before joining OTPP, Bjarne was CFO at Novo A/S and prior to that he was the CEO of FIH Erhvervsbank A/S (FIH). Bjarne has also held positions at Realkredit Denmark, the country's largest Mortgage Bank, now part of Danske Bank, in Denmark's Central Bank, and in the Ministry of Finance.

Fredrik Martinsson has many years of experience within the financial industry. He spent 15 years at ATP, the last five years of which as CIO Investments. During this time, Fredrik was responsible for building, developing, and implementing ATP's proprietary Alternative Risk Premia (ARP) program across assets and internal teams. In the period 2005-2011, under the leadership of Bjarne Graven Larsen, Fredrik was responsible for developing, and managing ATP Alpha, ATP's multi-team and multi-asset in-house alpha operation. Fredrik joined ATP in 2001 as an equity portfolio manager and was promoted by Bjarne Graven Larsen in 2004 to become Head of Equities. Prior to ATP, Fredrik was an equity analyst for 10 years, working for Danske Bank, Goldman Sachs, and Hagströmer & Qviberg.





**Tine Lundegaard** CCO Tine has more than 20 years of experience in the financial sector in various positions such as Head of Investor relations and sustainability at Jyske Bank, Member of the Executive management, International Banking at Danske Bank, Sales Director PFA Asset management, Senior sales manager at Nordea Markets. Tine started her career as trainee at A.P. Moller Maersk and worked there for 8 years. Tine holds a Graduate Diploma in Finance, a Graduate Diploma in Accounting & Credit Risk and an Executive MBA from IMD.



Anders Lavesen has many years of experience as a lawyer. He spent more than 25 years as equity partner with Kromann Reumert, a leading Danish law firm. Anders has acted as managing partner and chairman of the board of directors with Kromann Reumert. Anders has profound experience within corporate, commercial, and regulatory law and has assisted clients ranging from the largest financial institutions, big corporates, private equity funds, other alternative investment funds, partnership-owned consultancy companies and international IT and tele businesses. Since its establishment and until joining Qblue Balanced in October 2023, Anders acted as outside counsel for Qblue Balanced. Also prior to Qblue Balanced, Anders Lavesen has in various settings worked together with <u>Bjarne Graven Larsen</u> and other members of the Qblue team.

Michael Sandfort has three decades of experience in the financial industry. He has spent thirteen years as an Equity Analyst and five years as a Credit Analyst in Danske Bank, Nordea, DNB and Carnegie. Also, for twelve years Michael has been a Credit Portfolio Manager in Sparinvest and Nykredit. He has served on multiple boards. Michael holds a Master of Science in Finance and Business Strategy from Copenhagen Business School and from CFA Institute he holds the CFA designation and the Certificate in ESG Investing.

Michael Sandfort Senior Portfolio Manager



Martin spent five years at ATP Alpha as Senior Portfolio Manager, developing and implementing a portfolio of quantitative FX trading strategies and risk management systems for both systematic and discretionary trading. From 2013 to 2016 Martin served as quantitative strategist at Nordea Markets. Prior to joining ATP Martin spent five years as Senior Analyst at Danske Markets. From 2003 to 2008 he was senior analyst at Danske Markets. Martin has a Ph.D. in Finance from Copenhagen Business School, an M.Sc. in Statistics and B.Sc. in Mathematics from University of Copenhagen.



Martin Richter, PhD Senior Portfolio Manager



Thomas Stryger Olsen Senior Portfolio Manager

Thomas served four years as senior portfolio manager in Global Equities and Volatility team at ATP. In this position he worked with designing, implementing and managing systematic equity risk premia strategies. As part of this work he designed and implemented a proprietary risk model for performance attribution and risk factor exposure monitoring. Thomas was also portfolio manager at ATP Alpha developing and trading a portfolio of global long/short equity quant alpha strategies. Before that, Thomas worked for 15 years in the software industry as a consultant, manager, and system developer. Thomas holds an M.Sc. In Engineering (Computer science) from the Technical University of Denmark.

Lars worked for four years as senior portfolio manager at ATP, being responsible for the development and management of purely systematic alternative risk premia strategies in equities, both long/short and long only with special focus on efficient and low-impact market implementation. Previously, from 2009 to 2013, Lars was portfolio manager at ATP Alpha, developing and implementing systematic long/short alpha strategies in equities. Additionally, Lars has 15 years of experience from the software industry, both as consultant, technical architect and software developer. Lars holds an M.Sc. In computer science from the Technical University of Denmark.



Lars Voss Toft Senior Portfolio Manage



Lars Hougaard Nielsen, PhD Senior Portfolio Manager Lars spent six years as senior portfolio manager at ATP. Here, he developed and traded ATP's alternative risk premia and beta portfolio in commodities and headed ATP's cross-asset alternative risk premia forum. Prior to joining ATP, he worked for four years in the insurance industry as an actuary focusing on liability modelling and risk management. Since 2009, Lars has maintained a role as statistical researcher and advisor at University of Copenhagen. Lars holds a M.Sc. In mathematical statistics and probability theory and a Ph.D. in applied statistics from the University of Copenhagen.

Andreas spent 8 years working at ATP as Senior Operations Manager, being responsible for the overall back office and working to optimize transaction management and enhance operation processes. Furthermore, Andreas has been instrumental in the implementation of a new clearing platform, focusing on trading derivatives and commodities with multiple counterparts, markets and clearing brokers. Prior to joining ATP, Andreas worked for Nordea in Copenhagen and as Product Manager for Citigroup in London, where he managed the Nordic product portfolio with responsibility to grow revenue as well as lead the regional strategy and product development. Andreas holds a Degree in Business Administration in Finance from the European School of Economics in London.



Andreas Papadopoulous Wulff Operations Manager



**Nicolai Munkholm** Sales & Relationship Manager Prior to joining Qblue Balanced as a Sales & Relationship Manager, Nicolai started his career at Mærsk Broker. Following his time at Mærsk Broker, Nicolai worked at Saxo Bank in the CEO-office, where he provided essential support to the CEO and the Executive Team, and he was also involved as a member of the M&A integration projects. Before joining the CEO-office, he worked in Saxo Bank's Global Sales department. Nicolai also brings with him eight years of experience living in Hamburg, Germany, and holds an M.Sc. in Business & Development Studies with a minor in Digital Business Development from Copenhagen Business School.

Before becoming Sustainability manager at Qblue Balanced, Filippa has worked as a Data Analyst at Warner Bros Discovery in their Nordic Research department. Filippa was responsible for automatization of estimation of advertising viewing and alignment of research processes across platforms for the Nordic countries. Additionally, she holds an M. Sc. in Business Administration and Mathematical Business Economics with focus on programming, statistics and computational finance. Filippa wrote her Master thesis within the subject of ESG investments.



**Filippa Cilius Nielsen** Sustainability Manager

Jonas Svane Nielsen Operations Manager Prior to joining Qblue Balanced as an Operation Manager, Jonas had been working as a Junior Business Developer at Jyske Bank and subsequently as an Analyst at J.P. Morgan Private Bank in Copenhagen, covering a Nordic client base. Jonas holds a M.Sc. in Economics from Aarhus University, and a B.Sc. in Economics from Aalborg University.



**Julie Helene Lauritzen** Finance and Compliance Prior to joining Qblue Balanced, Julie spent a few years in Spain working for Mærsk as a Custom and Manifest agent, responsible for monitoring and controlling import and export procedures and ensuring compliance with Spanish and international maritime legislation. Julie holds a M.Sc. in Business & Development Studies from Copenhagen Business School.

Prior to becoming Head of Technology and Risk at Qblue Balanced, Kevin spent three years as a student analyst at Mermaid Asset Management, a Nordic focused multi-family office, where he was responsible for developing and implementing the reporting and management systems. Kevin graduated first in class with an M.Sc. and B.Sc. in Business Administration and Mathematical Business Economics from Copenhagen Business School in 2017 and 2015 respectively. Kevin also teaches at Copenhagen Business School, in Probability theory and Statistics.



Kevin Mitchell Head of Technology and Risk



**Sebastian Baltser** Financial Software Engineer Sebastian is currently studying for his M.Sc. in Business Administration and Mathematical Business Economics with focus on programming, statistics and computational finance. Before joining Qblue Balanced he has been teaching Numerical analysis and computer science as an instructor at Copenhagen Business School. Besides he has been in charge of developing business intelligence solutions concerning inventory management and managerial economics for the wholesale distributor Nordic Distribution.



**Kristian G. Hansen** Data Analyst Kristian is a Data Analyst at Qblue Balanced where he assists with the development and maintenance of our data and reporting platforms in the Data and Technology department. He is studying Data Science at IT University of Copenhagen.

Christian is a financial data engineer working in Technology and Risk, helping Qblue build a robust data infrastructure. Christian has previously worked for two years as risk analyst at ATP. He holds a B.Sc. in Mathematics-Economics and a M.Sc. in Statistics from the University of Copenhagen. Christian also holds a B.Sc. in International Business from Copenhagen Business School.

**Christian Johan Olesen** Financial Data Engineer





Merete Holm Wester Executive assistant Merete is EA to CEO and Founder Bjarne Graven Larsen and works as the administrative backbone at Qblue. Prior to joining Qblue Balanced, Merete worked at BankInvest and Danske Bank as PA to top management. She also worked several years as EA to CEO office at FIH Erhversbank. Merete is trained within the financial industry, primarily in trading corporate bonds with institutional clients. Simultaneously, she has studied at Dansk bank Academy and CBS.



## **FUND PARTICULARS**

◀

## **QBLUE GLOBAL SUSTAINABLE LEADERS**

Legal Structure An of for the second	open-ended umbrella type investment company authorised pursuant to the European Communities (Undertakings Collective Investment in Transferable Securities) Regulations 2011, as amended.
Share Classes A (R	Retail) / B (Retail) / C (Seed) / I (Institutional)
A ISIN / Bloomberg Ticker C I	IE000SMMFJK9 HEPQBLA IE0009YDLNS5 HEPQBLB IE000I45W962 HEPQBLC IE000KRTYOL9 HEPQBLI
Exchange Listed Non	ne
Dedistered for Detail Sale	tria, Denmark, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Spain, Sweden, United gdom
Registered for Accredited Sing	gapore (CISNET restricted scheme)
Minimum Investment A = :	\$15,000 / B = \$15,000 / C = \$1,000,000 / I = \$2,000,000
Management Fee A = 0	0.95% / B = 1.50% / C = 0.60% / I = 0.80%
Subscriptions Dail	ly - T+2 Settlement
<b>Redemptions</b> Dail	ly - T+3 Settlement
Lock-up Provision Non	ne
Leverage Non	ne
Sub-Investment Manager Qblu	ue Balanced A/S
Management Company Carr	ne Management Company Ireland
<b>Depositary</b> Brow	wn Brothers Harriman Trustee Services (Ireland) Limited
Administrator Brow	wn Brothers Harriman Fund Administration Services (Ireland) Limited
Lawyers Simi	mons & Simmons LLP, Dublin
Auditor Gra	nt Thornton LLP



## DISCLAIMERS

-

◀

This presentation is for informational purposes only and should not be considered as legal, investment, or other advice. This document does not constitute an offer to sell, or a solicitation of an offer to buy, any Qblue product or service. Any such offer or solicitation will be made to professional investors only by means of a confidential offering memorandum and only in those jurisdictions where permitted by law.

Information contained within this presentation was derived from sources believed to be reliable; however, the accuracy of the information cannot be guaranteed. All returns regarding the portfolio strategy described herein are hypothetical and back-tested. Actual portfolio strategy returns from live trading may differ materially from hypothetical returns. There is no real substitute for actual returns from a live portfolio.

Back-tested models are developed with the benefit of hindsight but might not have foresight of the future. Hypothetical returns do not reflect the macroeconomic risks of using the strategy in a different time period or the financial risk of executing trades in a live portfolio which include the potential market impact on financial instrument prices caused by buying or selling that could cause the model's buy or sell prices to differ from the expected model assumptions.

Although the information contained in this presentation gives you some idea of the historic risks involved in investing in the portfolio strategy, past hypothetical performance is not a guarantee of future returns.

Heptagon Capital Limited, Heptagon Capital LLP and its Partners disclaim any and all liability relating to these materials, including, without limitation, any express or implied representations or warranties for statements or errors contained in, and omissions from, these materials. Certain assumptions have been made, and/or parameters set, in the preparation of these materials which have resulted in the returns detailed herein, and no representation or warranty is made that any returns indicated will be achieved. Changes to assumptions or parameters may have a material impact on the returns detailed. This document should not be copied to any other person without our express consent. This document should not be considered an offer to buy or sell investments.

Heptagon Capital Limited has issued this communication as investment manager for Heptagon Fund ICAV and is licensed to conduct investment services by the Malta Financial Services Authority. Heptagon Capital LLP (FRN 403304) is authorised and regulated in the UK by the Financial Conduct Authority.

The results given in this document are based solely upon historical fund performance as gathered and supplied by AlternativeSoft and Bloomberg. That past performance has not been independently verified by either Heptagon Capital Limited or Heptagon Capital LLP. It is not intended to predict or depict the future performance of any investment.

The information contained herein is provided for informational purposes only, is not complete, and does not contain certain material information about the funds, including important disclosures and risk factors associated with an investment in the funds. Before making an investment in any fund, prospective investors are advised to thoroughly and carefully review the fund's Prospectus with their financial, legal and tax advisors to determine whether an investment is suitable for them. An investment in these funds is not suitable for all investors.

The distribution of information contained herein and the sale of shares in the Funds may be subject to legal or regulatory restrictions in certain countries in which users are resident or of which they are citizens. In particular, neither the shares in the Funds nor the Funds themselves have been registered under any United States ("US") Securities legislation and are not available for purchase by US Persons.

The Fund has been classified as an Article 9 for the purposes of the EU's SFDR. The Fund has sustainable investment as its objective alongside financial return. The Fund invests primarily in assets classified as sustainable investments as defined under the SFDR. Please see prospectus for further information on the Fund's sustainable objective and relevant sustainability risks and principal adverse impacts which may impact the Fund's performance.

#### Past performance is no guide to future performance and the value of investment and income from them can fall as well as rise.

Heptagon Capital, 63 Brook Street, Mayfair, London W1K 4HS Tel: +44 20 7070 1800 (FRN 403304)

Authorised & Regulated by the Financial Conduct Authority in the UK 12 Endeavour Square, London, E20 1JN Heptagon Capital (DIFC) Limited is registered in the Dubai International Financial Centre ("DIFC") with No. 7480 and regulated by the Dubai Financial Services Authority ("DFSA"), reference number F008730, for the provision of the Financial Services of Advising on Financial Products and Arranging Deals in Investments. Heptagon Capital (DIFC) Limited's registered office is at Unit 512, Level 5, Index Tower, Dubai International Financial Centre, Dubai, United Arab Emirates. All communications and services are directed at Professional Clients only. Persons other than Professional Clients as defined in the DFSA Conduct of Business Rule 2.3.2, such as any Person who is classified as Retail Client, are NOT the intended recipients of our communications or services. Heptagon Capital (DIFC) Limited represents that the units/shares of any Fund referred to in this document shall not be offered, sold or publicly promoted or advertised in the DIFC other than in compliance with the applicable DIFC laws and DFSA rules and regulations governing the issue, offering and sale of units/shares in foreign domiciled funds.

Source: MSCI. The MSCI information may only be used for your internal use, may not be reproduced or redisseminated in any form and may not be used as a basis for or a component of any financial instruments or products or indices. None of the MSCI information is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. Historical data and analysis should not be taken as an indication or guarantee of any future performance analysis, forecast or prediction. The MSCI information is provided on an "as is" basis and the user of this information assumes the entire risk of any use made of this information. MSCI, each of its affiliates and each other person involved in or related to compiling, computing or creating any MSCI information (collectively, the "MSCI Parties") expressly disclaims all warranties (including, without limitation, any warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall any MSCI Party have any liability for any direct, indirect, special, incidental, punitive, consequential (including, without limitation, lost profits) or any other damages. (www.msci.com)

The Global Industry Classification Standard ("GICS") was developed by and is the exclusive property and a service mark of MSCI Inc. ("MSCI") and S&P Global Market Intelligence ("S&P") and is licensed for use by Heptagon Fund ICAV. Neither MSCI, S&P, nor any other party involved in making or compiling the GICS or any GICS classifications makes any express or implied warranties or representations with respect to such standard or classification (or the results to be obtained by the use thereof), and all such parties hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability and fitness for a particular purpose with respect to any of such standard or classification. Without limiting any of the foregoing, in no event shall MSCI, S&P, any of their affiliates or any third party involved in making or compiling the GICS or any GICS classifications have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages.

For all definitions of the financial terms used within this document, please refer to the glossary on our website: https://www.heptagon-capital.com/glossary.

#### Past performance is no guide to future performance and the value of investment and income from them can fall as well as rise.

Heptagon Capital LLP 63 Brook Street, Mayfair, London W1K 4HS Tel: +44 20 7070 1800

Authorised & Regulated by the Financial Conduct Authority (FRN 403304) Heptagon Capital Limited The Hedge, Triq ir-Rampa ta' San Giljan, St Julians, STJ 1062 Malta

Licenced to conduct investment services by the Malta Financial Services Authority (C59542)