

# 2017 Absolute Return Strategy Search Process and Recommendations

Marc L. Leavitt, Director of Absolute Return Strategies (ARS)  
Martha deLivron, ARS Senior Investment Analyst  
Albourne America  
March 30–31, 2017



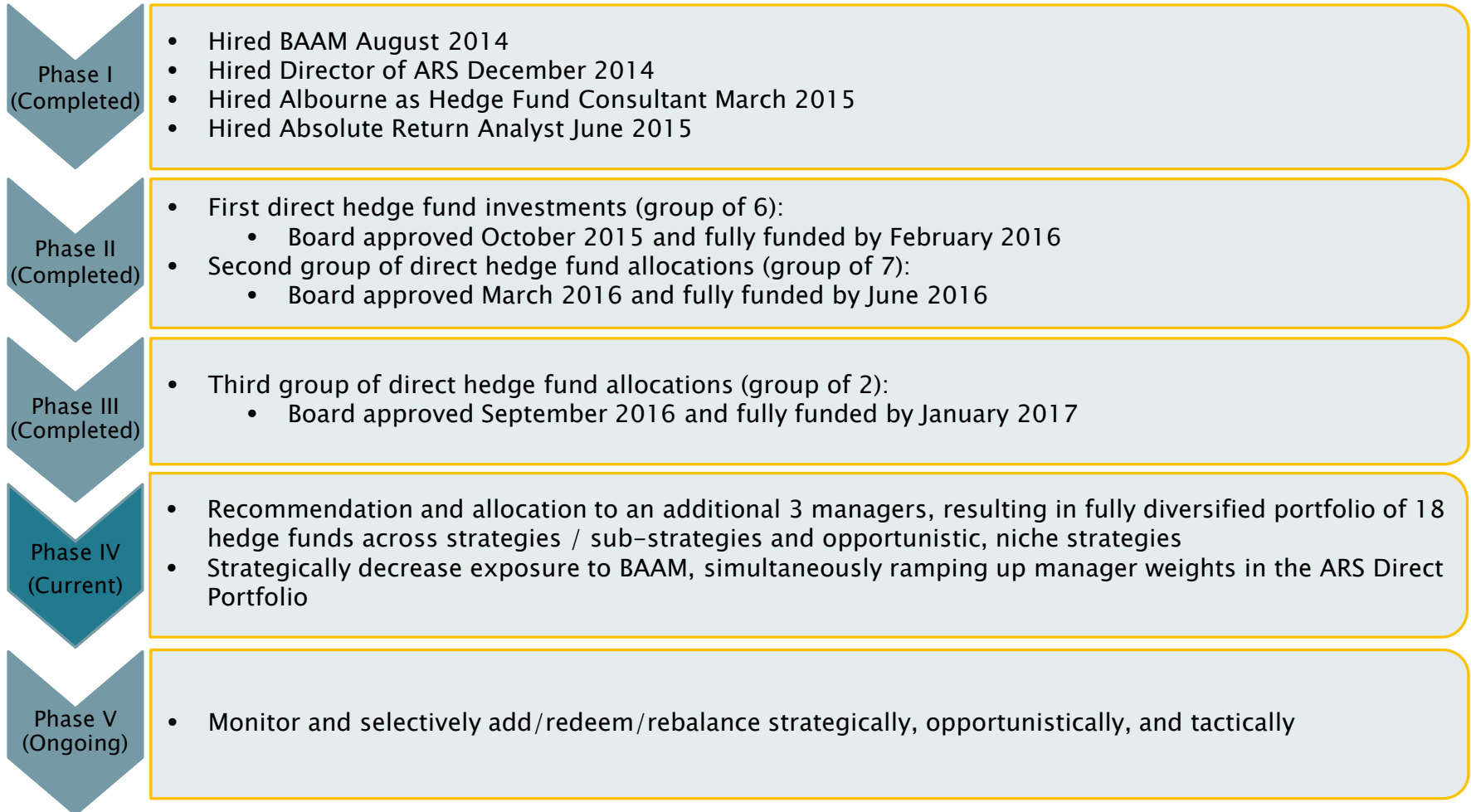
# Agenda

- I. ARS Search Process & Allocation Objectives
- II. Manager Search Process
- III. Portfolio Construction
- IV. Manager Selection & Recommendation
- V. Requested Board Action

Section I

# **ARS SEARCH PROCESS & ALLOCATION OBJECTIVES**

# 2017 ARS Search Process Timeline



# Absolute Return Strategy Objectives

- Objective

- Purpose is to diversify equity and credit market risk by targeting hedge fund return streams that are independent of the directionality of the broad stock and bond markets. The ARS portfolio will be invested in a wide variety of hedge fund strategies, with specific constraints on overall portfolio risk and individual manager exposure.
- The performance objective is to exceed the benchmark, defined as the HFRI Fund of Funds Diversified Index, net of fees, and to earn in excess of the appropriate long-term benchmark (3-month LIBOR + 500 basis points) on an ongoing rolling 5-year period.

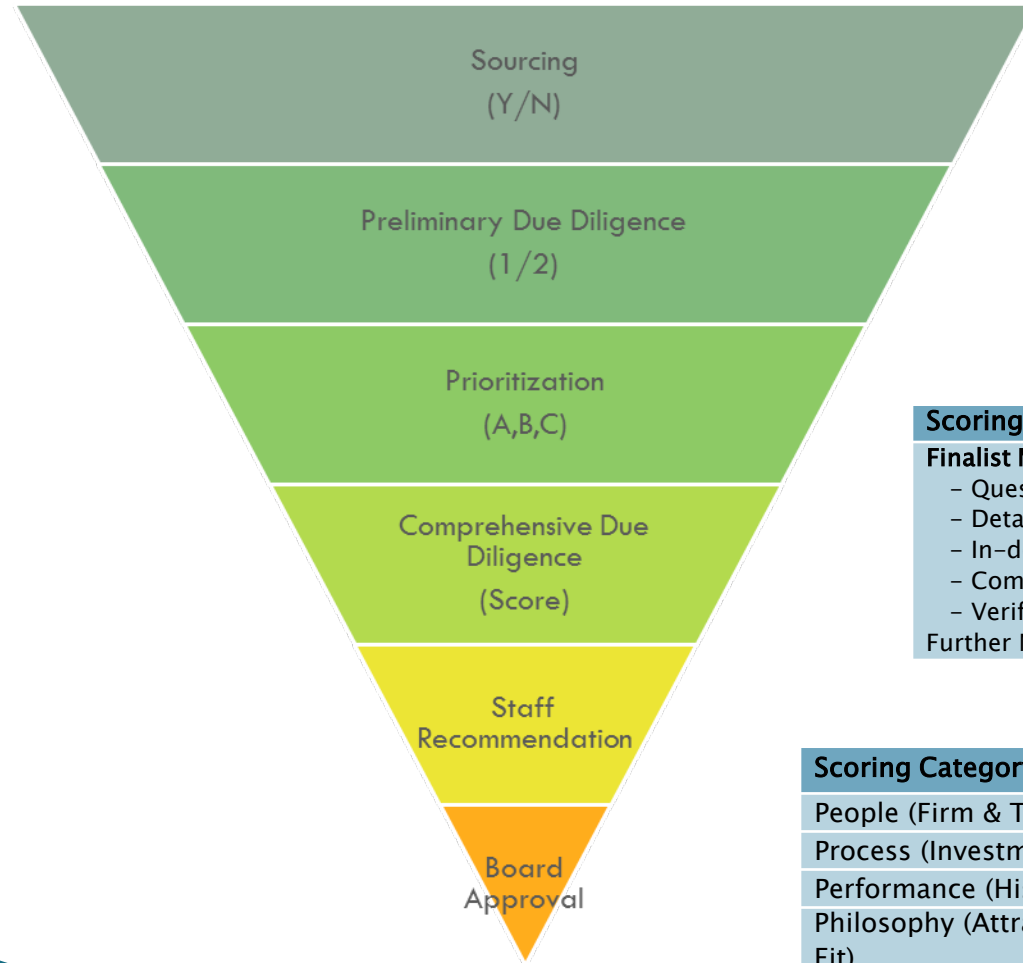
- Investment Philosophy

- Predicated on manager skill in:
  - Rotating (long/short trading) market factors based on valuation
  - Navigating less liquid, non public and opaque markets
  - Navigating special situations
  - Predicting and capturing market trends
- Accordingly, ARS is not an “asset class” (or market sector)

Section II

# MANAGER SEARCH PROCESS

# Manager Search Process (1 of 2)



## Manager Screen & Universe Analysis Scoring

Scoring Category	Score / Outcome
<b>Manager Screen</b> - Is vehicle consistent w/ TMRS' objectives?	Yes – Take Meeting; No – Don't Take Meeting
<b>Manager Analysis</b> - Does vehicle have adequate capacity and timeline? - PPPPT* Preliminary Review	1 – Advance; 2 – Stop Research

## Semi-Finalist Scoring Matrix

Scoring Category	Score
<b>Finalist Manager Review</b> - Questionnaire Review - Detailed PPPPT* Review - In-depth Manager Qualifications Review - Compliance with TMRS IPS - Verification of Research, References, Further Market Research	A – Prioritize for Final Due Diligence B – Perform More Research C – Stop Research / Manager not Selected

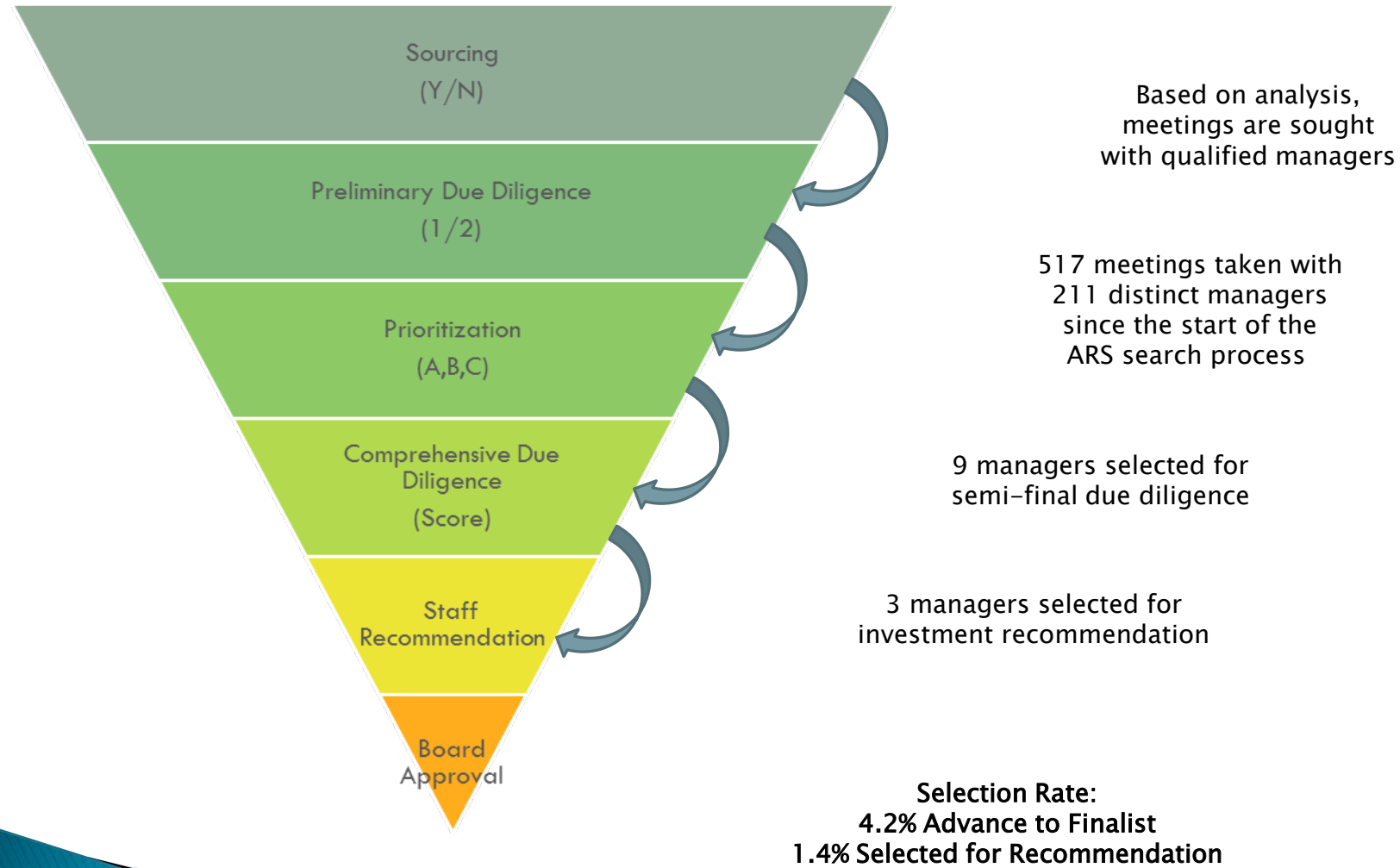
## Final Due Diligence Scoring Matrix

Scoring Category	Possible Points
People (Firm & Team)	0 – 25 points
Process (Investment Process & Risk Management)	0 – 25 points
Performance (History / Expected)	0 – 25 points
Philosophy (Attractiveness of Opportunity / Portfolio Fit)	0 – 12.5 points
Terms (Fees, Liquidity, etc.)	0 – 12.5 points
<b>Total</b>	<b>100†</b>

\*PPPPT – People, Philosophy, Process, Performance, Terms

†Selected managers standardized to a score of 100 to allow comparability among selected managers.

# Manager Search Process (2 of 2)





# Final Selected Managers Scoring Matrix

## Final Due Diligence Scoring Matrix – Aggregated Results\*

Recommended Manager/Fund	Manager Score†	Comparable Mgr. A Score	Comparable Mgr. B Score
BG Umbrella Fund Plc BG Fund (BG)	100.0	97.5	89.5
H2O Alpha 10 Feeder Fund (U.S.) L.P. (H2O)	100.0	90.0	84.5
Red Cliff Asia Fund (Red Cliff)	100.0	95.5	88.0

\*Scoring matrices utilize difference calibrations depending on the strategy being utilized.

†Selected managers standardized to a score of 100 to allow comparability among selected managers

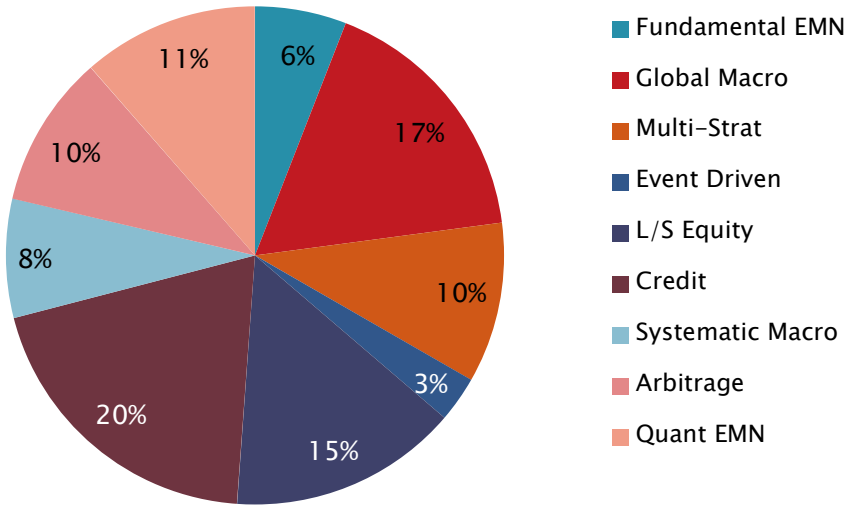
Section III

# PORTFOLIO CONSTRUCTION

# Manager Selection Portfolio Considerations

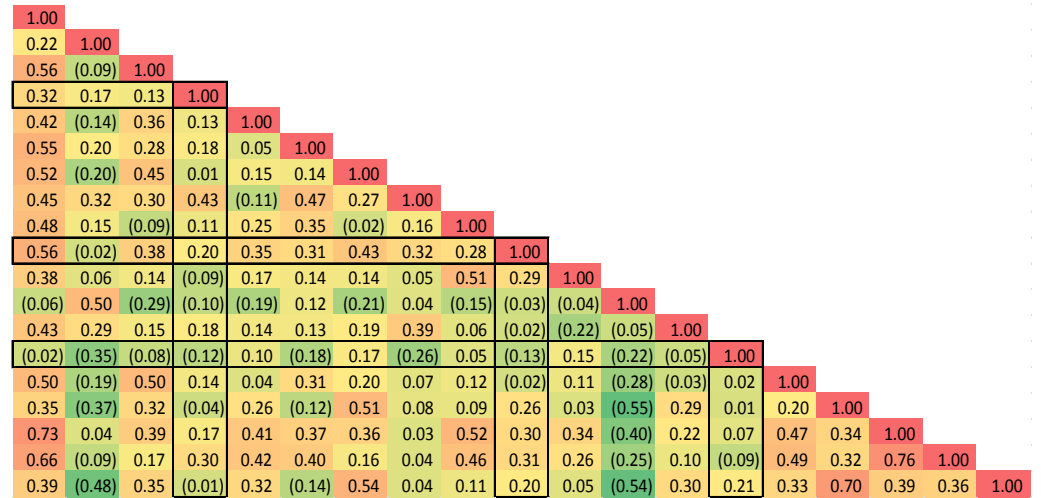
## Strategy Diversification

ARS Direct Portfolio: Exposure by Strategy\*



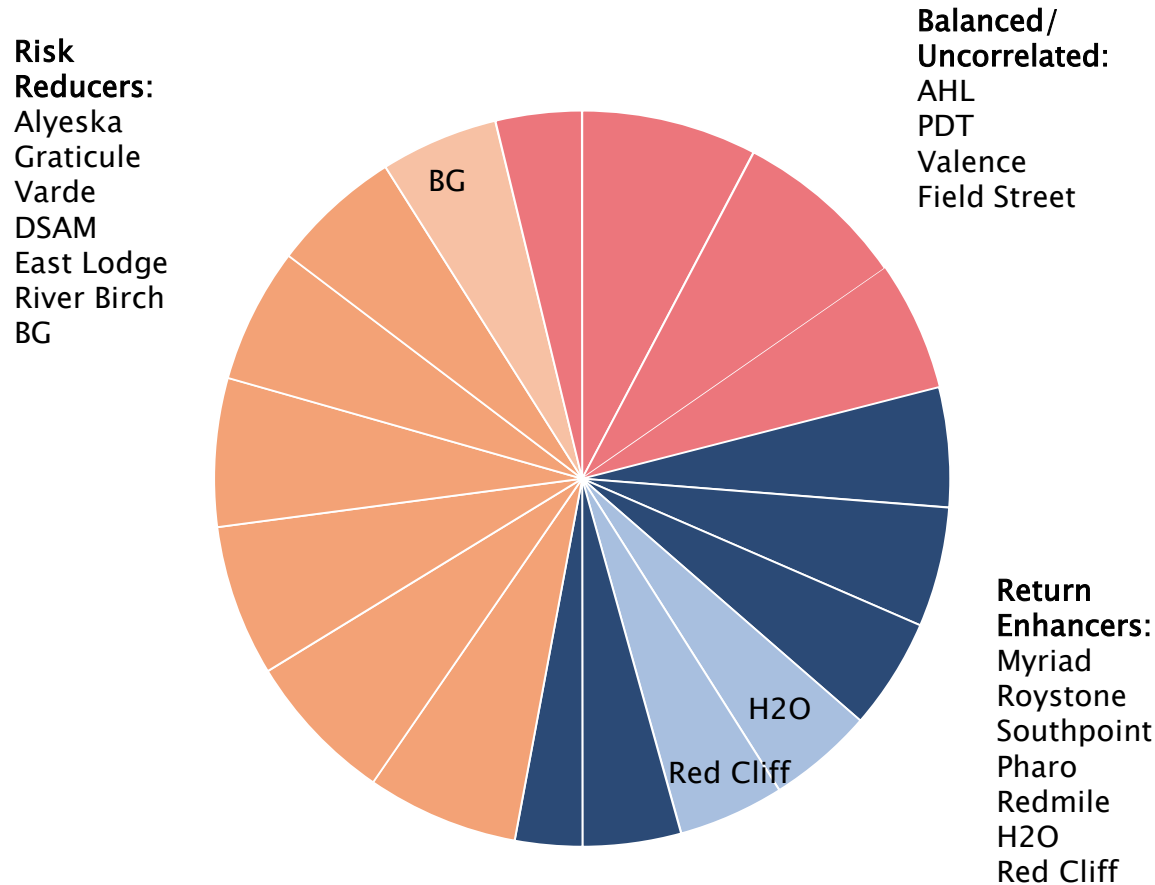
\*Post March recommendations and rebalancing.

ARS Direct Portfolio Correlation Heat Map  
January 2014 - December 2016



# Manager Selection Portfolio Considerations

## *Position Sizing*



Sizing of managers is based on both qualitative and quantitative factors

Section IV

# MANAGER SELECTION & RECOMMENDATION

# Executive Summary of Manager Recommendation

Summary of Recommendations		
Recommended Manager/Fund	Strategy Classification	Recommended Amount
BG	Multi-Strategy Opportunistic	\$100 million
H2O	Global Macro	\$90 million
Red Cliff	Relative Value	\$90 million
Total Net Recommendations:		\$280 million

*ARS Pacing model as approved by the TMRS Board of Trustees in December 2016 established \$300 million as the targeted level of allocations for 2017.*

# Top Candidate Characteristics – BG (1/2)

*\$100 million Recommendation*

## Highlights

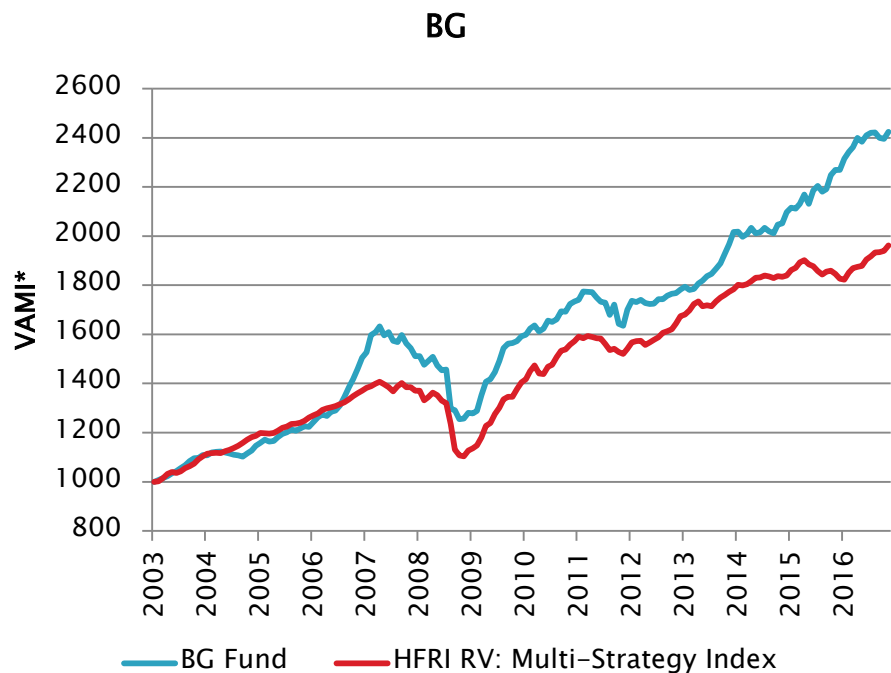
**Founder(s):** Emmanuel  
Boussard & Emmanuel  
Gavaudan

**Firm AUM:** €3.5 billion

**Employees:** 65

**Office Location(s):**

London, Paris



\*VAMI definition: “Value-Added Monthly Index” is the growth in value of a \$1,000 invested calculated by multiplying (1 + current monthly rate of return) x (previous month VAMI).

# Top Candidate Characteristics – BG (2/2)

## *\$100 million Recommendation*

BG is a European-focused multi-strategy portfolio that invests predominantly in relative value opportunities. The investment process is fundamentally driven and seeks to identify arbitrage opportunities with attractive risk-reward characteristics and a pre-determined catalyst for convergence. The strategy is attractive to TMRS given the manager's stable return profile and low market beta. In addition, the manager increases the ARS Direct Portfolio's exposure to convertible bond arbitrage strategies, which are attractive given the lack of participation in the space post the 2008 Global Financial Crisis.

### *Investment Case*

- *Unique skill set*
- *Risk management discipline*
- *CIO experience*

### *Issues to Watch*

- *Key man*
- *Investor Concentration*

### Scoring Matrix

Category	BG Fund	Comp. Mgr. A	Comp. Mgr. B
People	25.0	25.0	22.0
Process	25.0	25.0	25.0
Performance	25.0	25.0	20.0
Philosophy	12.5	10.0	10.0
Terms	12.5	12.5	12.5
Total Points	100.0	97.5	89.5



# Top Candidate Characteristics – H2O (1/2)

*\$90 million Recommendation*

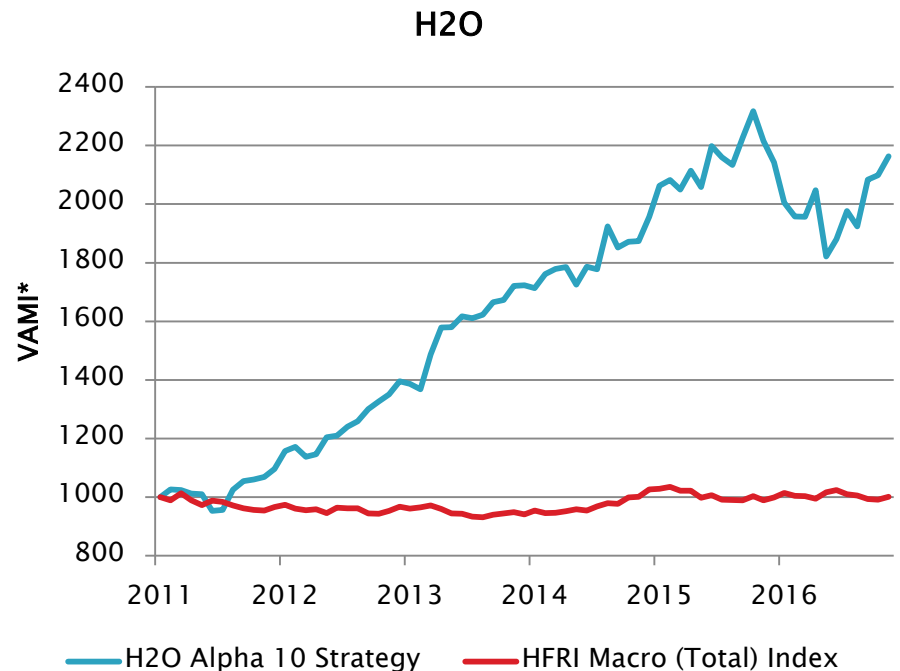
## Highlights

**Founder(s):** Bruno Crastes,  
Vincent Chailley, Marc  
Maudhuit and Jean-Noel  
Alba

**Firm AUM:** \$11 billion

**Employees:** 41

**Office Location(s):** London



\*VAMI definition: “Value-Added Monthly Index” is the growth in value of a \$1,000 invested calculated by multiplying  $(1 + \text{current monthly rate of return}) \times (\text{previous month VAMI})$ .

# Top Candidate Characteristics – H2O (2/2)

## *\$90 million Recommendation*

H2O employs a global macro approach to investing long and short in currencies, credit and equities with both directional and relative value positions. H2O focuses on investments with horizons of up to two years, which are supplemented with short term trading. H2O is attractive to TMRS given their unique investment process, which has resulted in significant outperformance over their peer group. Their higher volatility profile complements the slightly more defensive tilt of the current ARS Direct Portfolio.

### *Investment Case*

- *Unique, process-oriented approach*
- *Experienced, cohesive team*
- *Performance*

### *Issues to Watch*

- *Value bias*
- *High number of products*

### Scoring Matrix

Category	H2O	Comp. Mgr. A	Comp. Mgr. B
People	25.0	23.0	23.0
Process	25.0	20.0	23.0
Performance	25.0	25.0	15.0
Philosophy	12.5	11.0	12.5
Terms	12.5	11.0	11.0
Total Points	100.0	90.0	84.5

# Top Candidate Characteristics – Red Cliff (1/2)

*\$90 million Recommendation*

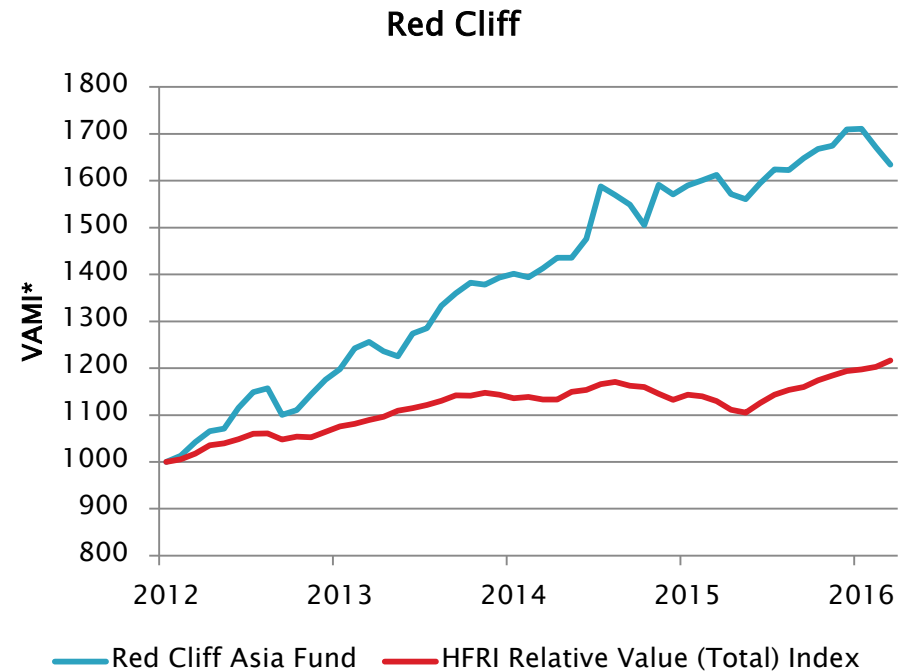
## Highlights

**Founder(s):** William Lee

**Firm AUM:** \$945 million

**Employees:** 13

**Office Location(s):** Hong  
Kong



\*VAMI definition: "Value-Added Monthly Index" is the growth in value of a \$1,000 invested calculated by multiplying  $(1 + \text{current monthly rate of return}) \times (\text{previous month VAMI})$ .

# Top Candidate Characteristics – Red Cliff Fund (2/2)

## *\$90 million Recommendation*

Red Cliff invests in arbitrage opportunities across FX, fixed income, and equity markets with a primary focus on Asian markets. Red Cliff primarily seeks to exploit inefficiencies arising from three key factors: structured product imbalances, flow dynamics, and regulatory distortions. Red Cliff is attractive to TMRS given the manager's niche approach to investing, which results in a return stream with virtually no correlation to the ARS Direct Portfolio nor to broad market indices.

### *Investment Case*

- *Correlation*
- *High-quality returns*
- *Niche strategy*

### *Issues to Watch*

- *Key man*
- *Scalability*
- *Mark-to-market losses*

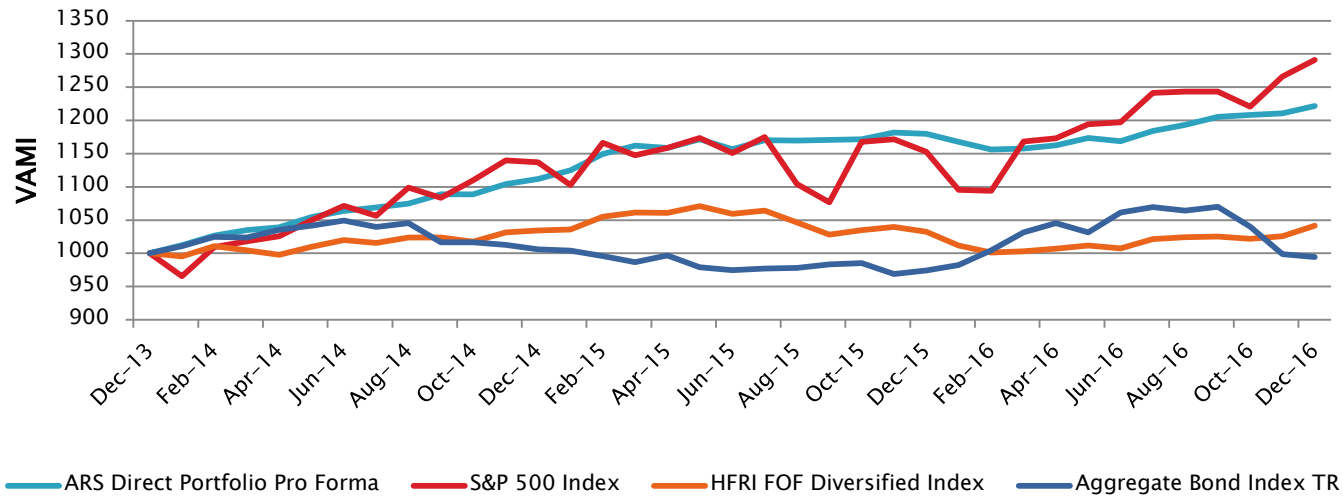
### Scoring Matrix

Category	Red Cliff	Comp. Mgr. A	Comp. Mgr. B
People	25.0	25.0	20.0
Process	25.0	22.0	25.0
Performance	25.0	25.0	24.0
Philosophy	12.5	12.5	11.0
Terms	12.5	11.0	8.0
Total Points	100.0	95.5	88.0

# Hypothetical Portfolio Performance

## *ARS Direct Portfolio Pro Forma Returns*

Cumulative Return versus Benchmarks

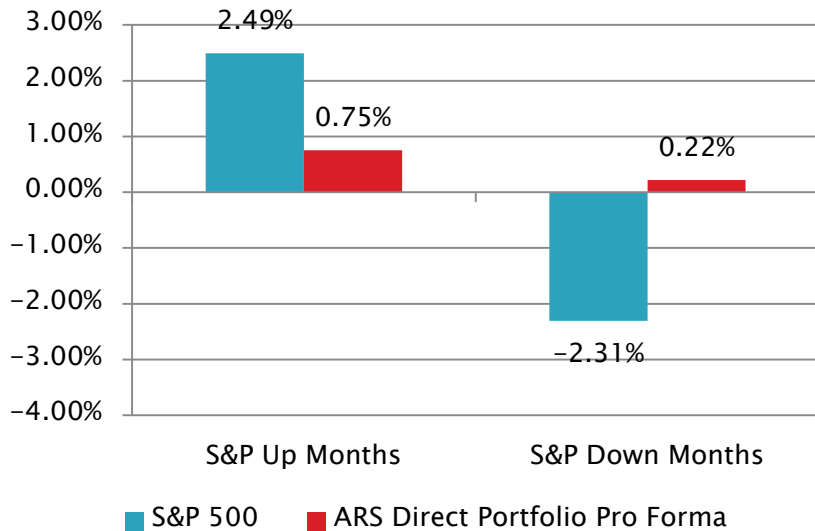


Performance Analysis: Jan-14 to Dec-16	Annualized Return	Annualized Volatility	Sharpe Ratio	Max Drawdown
ARS Direct Portfolio Pro Forma	<b>6.90%</b>	<b>2.63%</b>	<b>2.62</b>	<b>-2.18%</b>
HFRI FOF Diversified Index	1.38%	3.27%	0.42	-6.59%
S&P 500 Index	8.89%	10.59%	0.84	-8.42%
Aggregate Bond Index TR	-0.19%	4.97%	-0.04	-7.73%

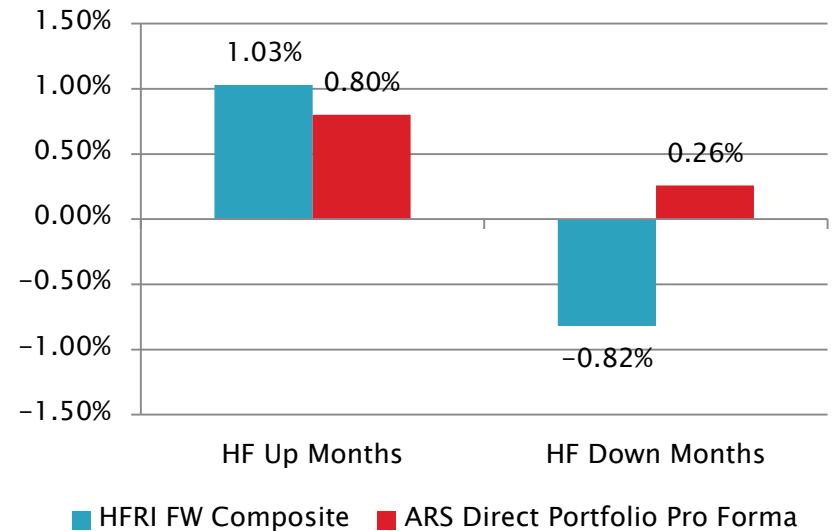
# Hypothetical Portfolio Performance

## *Up/Down Capture*

Fund Performance Across S&P Up & Down Markets



Fund Performance Across Hedge Fund Up & Down Markets



*Pro Forma Performance: January 2014 – December 2016*

Section V

## **REQUESTED BOARD ACTION**

# Recommendations

- TMRS Staff and Albourne recommend that the Board of Trustees approve the selection of the following managers/funds or their affiliates as referenced in the Board Communication Memo for investment in the specified strategies below:
  - BG Umbrella Fund Plc – BG Fund \$100 million
  - H2O Alpha 10 Feeder Fund (U.S.) L.P. \$ 90 million
  - Red Cliff Asia Fund \$ 90 million



## DISCLOSURES

TMRS periodically discloses public information that is not excepted from disclosure under Section 552.0225(b) of the Texas Public Information Act. Information provided by a manager, a Managing General Partner (GP), any of its Associates or other data provider to TMRS or a TMRS service provider, and contained in these materials (i) may have been independently produced or modified by TMRS or the TMRS service provider; (ii) has not been reviewed or approved by the manager, Managing GP or any of its Associates; and (iii) may not reflect the historical performance or asset value reflected in the manager's, Managing GP's or any of its Associates' records and, therefore, should not be used for comparative purposes.