**fLAB fUNDS Sicav - fLAB Satellite**

Relative Return UCITS Fund - www.flabfunds.com

The Compartment aims to provide long-term capital growth through a tactical and dynamic allocation portfolio. fLAB Satellite tries to maximize Sharpe Ratio (Relative Return), through a multi style, multi class portfolio.

**Net assets €: 11.29 M**

**February 28, 2019**

---

**Sharpe Ratio Target = 0.33**

**Real Sharpe Ratio**

- 3yr: -0.34
- 5yr: 0.22

---

We use Risk-Free Rate as our Benchmark. This is the theoretical rate of return of a Zero Risk Investment.

The basket of G7 Government 3 Months Treasury Bills is our tool, creating an average of: US+Can+Jap+UK+Ger+Fr+Ita

---

We cannot say you should expect T Bills + 3%, under any level of risk free rate. We have to adapt the target dynamically.

We change the excess return we want to obtain above T Bills while we adapt different levels of maximum accepted volatility. **The minimum projected long-term Sharpe Ratio will be always of 0.33**

---

**fLAB Satellite - A Performance since 2010**

Annual Yield Since Inception 1.08%

---

| Share Type          | NAV      | ytd      | ISIN          | inception | Mg Fee | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 |
|---------------------|----------|----------|---------------|-----------|--------|------|------|------|------|------|------|------|------|------|------|
| EUR Institutional   | 109.89   | -0.40%   | LU0142027579  | May'10    | 0.66%  | -2.78%| 0.16%| 0.92%| 0.03%| 4.99%| -1.36%| 5.72%| 1.35%| 1.17%|
| EUR clean share     | 97.93    | -0.43%   | LU1805616697  | Apr'18    | 0.66%  | -1.66%|
| EUR platform        | 96.03    | -0.46%   | LU135746958   | Jun'16    | 0.91%  | -3.05%| -0.11%| -0.37%|
| EUR                 | 103.69   | -0.50%   | LU0416027464  | Dec'10    | 1.16%  | -3.29%| -0.37%| 0.43%| -0.65%| 4.38%| -1.85%| 4.89%| 0.90%| 0.02%|

* Shares in USD, SGD and GBP also available at www.flabfunds.com

---

**Study: G7 3 month T-Bill**

- T Bill + 4% with Max Vol 12%
- T Bill + 3% with Max Vol 9%
- T Bill + 2% with Max Vol 6%
- T Bill + 1% with Max Vol 3%

---

3MWorld U Index (3 MONTH WORLD RATES) 3month G7 T Bill Monthly: 63343199-3300EF2

Copyright B 2013 Bloomberg Finance L.P. 01-Oct-2018 15:02:59
Legal Structure

Management Company: Casa4Funds
Custodian Bank: Banque et Caisse d'Epargne de L'Etat
Investment Advisor: Market LAB Luxembourg sarl
Transfer & Paying Agent: EFA, European Fund Administration
Auditor: Ernst & Young  Regulator: CSSF
Net Asset Value, Reporting & Liquidity: daily

Technical information

Minimal Subscription: Only for A-Institutional Share Class: 1 Million €
Management fee: 0.66% (A share & Clean Shares); 1.16% (B share); 0.91% (C share & All Hedged Shares); Performance Fee: a percentage of the annual performance of the compartiment: 5% (A share and Clean Shares); 10% (B share), 7.5% (C share & All Hedged) with high watermark
Subscription & Redemption Fee: 0%
Share classes TER (2017): A 1.43%; B 1.97%; C & All Currency Hedged 1.70%

1 year Correlation Matrix: fLAB Satellite vs:

<table>
<thead>
<tr>
<th>MSCI World</th>
<th>World Goves</th>
<th>World IG</th>
<th>World HY</th>
<th>Euro/USD</th>
<th>Commodity Ind</th>
<th>Gold Spot</th>
<th>Hedge F Index</th>
<th>fLAB CORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>-0.02</td>
<td>0.02</td>
<td>0.01</td>
<td>0.17</td>
<td>0.12</td>
<td>0.26</td>
<td>0.34</td>
<td>0.21</td>
<td>0.51</td>
</tr>
</tbody>
</table>

Portfolio Top 30

- Amundi Floating Rate Euro Corporate 1-3 UCITS ETF 7.98%
- iShares EUR Ultrashort Bond UCITS ETF 7.06%
- Lyxor Barclays Floating Rate Euro 0-1Y UCITS ETF 6.33%
- Amundi Floating Rate USD Corporate Shares 5.70%
- Xtrackers II iTraxx Crossover Short Daily Swap UCITS ETF 5.58%
- Credit Suisse Gr MTN 1% 06/23 4.97%
- Lyxor EuroMTS 5-7Y Investment Grade DR UCITS ETF 4.93%
- Santander Inst Debt SA 4% EMTN 13/24.01.20 4.58%
- Xtrackers Physical Gold EUR Hedged ETC 4.00%
- Deutsche Bank SAE 1.25% 1/2023 3.63%
- iShares EUR Corp Bond ex-Financials 1-5yr UCITS ETF 3.60%
- UBS GroupFunding 1.75% 12/22 2.74%
- BAIC Inalfa HK Investment 1.5% 02.11.20 2.68%
- PIMCO Low Duration US Corporate Bond Source UCITS ETF 2.34%
- Xtrackers II EUR High Yield Corporate Bond 1-3 Swap UCITS ETF 2.27%
- Xtrackers II Eurozone Government Bond 1-3 UCITS ETF 2.03%
- L&G Longer Dated All Commodities UCITS ETF 1.72%
- iShares EUR Covered Bond UCITS ETF 1.63%
- Xtrackers Healthcare Innovation UCITS ETF 1.43%
- iShares Healthcare UCITS ETF 1.36%
- Lyxor EuroMTS Inflation Linked Investment Grade DR UCITS ETF 1.32%
- iShares Edge MSCI World Minimum Volatility UCITS ETF 1.11%
- ETFS EUR Daily Hedged Industrial Metals 1.08%
- Invesco Global Buyback Achievers UCITS ETF 1.01%
- Wells Fargo & Co FRN EMTN Reg S Sen 35/06.06.20 0.88%
- iShares USD Corp Bond UCITS ETF 0.86%
- iShares J.P. Morgan USD Em Bond UCITS ETF 0.83%
- iShares Global Govt Bond UCITS ETF 0.83%
- Xtrackers Harvest CSI300 UCITS ETF 0.80%
- iShares USD Short Duration High Yield Corp Bond UCITS ETF 0.62%

Asset Allocation

- Fixed Income 68.38%  Liquidity 13.52%
- Goves 8.16% Cash 23.52%
- Inflation Bds 1.32%  Depos Aa2/AA+ 0.06%
- Fixed Inv Grade 26.53%
- Floating Inv Grade 20.70% Other Assets 29.71%
- Covered Bonds 5.26% MultiStrategy 4.18%
- Convertible Bonds 0.00% Short Equity 12.29%
- Emerg. Mkt Bds 3.54% Short Credit 5.88%
- High Yield 2.89% Commodity Index 8.23%
- Gov Bond Futures 0.00%

Duration: fixed income: 2.19 total portfolio: 1.49

Currency: 88% EUR; 12% USD (fully hedged)

Volatility: 90 day 2.12% ; 1 year 1.63%

VAR 1 month, 99% conf, 1yr hist data: 1.16%

fLAB Satellite Indicators

fLAB internal model for asset allocation is dynamic and uses 3 tactical indicators:
1) Correlation Matrix
2) Volatility Windows of accepted volatility
3) Short term

Momentum

fLAB Satellite Asset Universe

The model runs through different assets. The heart of the Satellite is a Fixed Income Portfolio + Overlay of decorrelated ETFs

- Fixed Income (Government Bonds, Investment Grade, High Yield, Covered Bonds, Munis, Inflation Bonds, Convertible Bonds)
- ETF Overlay: Currency Strategies, Gold & Commodities, Credit, Preferred Shares, Decorrelated Equity, MultiStrategy...

LIPPER LEADERS

5 Year Period: Dec 2013 to Dec 2018

fLAB Satellite Absolute Return Low

Disclaimer: This Fund is authorised in the Grand Duchy of Luxembourg and regulated by the "Commission de Surveillance du Secteur Financier" (CSSF) Authorized in Spain for Retail Investors and in Singapore for Accredited. Inception: May 2010, under a SIF structure.
USD and SGD share classes were launched in December 2012. In February 2016 the fund was converted into a full UCITS structure.
Sharpe Ratio, Correlation, Volatility and VAR are calculated using the oldest share class: fLAB Satellite A