

# EUKLID AT SHARITALY



Nuovi prodotti, nuovi servizi, nuove regole:  
le startup che promuovono la finanza collaborativa e distribuita.

sharitaly

# A Brief Overview on FinTech

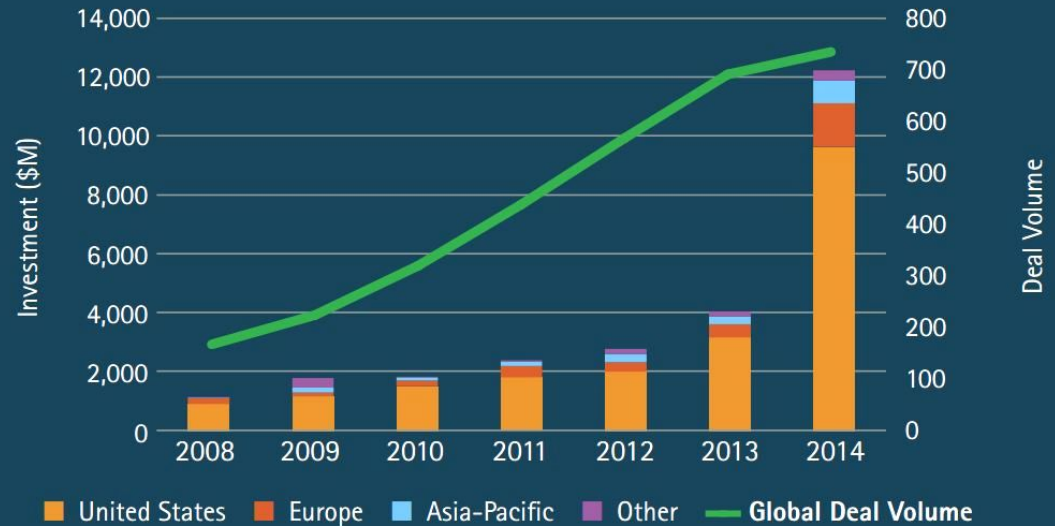


The intersection of Finance and Technology

# Why FinTech Is Important

- Growing trend in FinTech startup investments.
- Difficulties in exploiting the full potential of Blockchain and Crypto assets.
- Market demands for a frictionless environment:
  - Simplicity
  - Transparency
  - Efficiency

Figure 4: Global FinTech Financing Activity



# EUKLID: Among CBInsights 41 AI Startups in Fintech

## General Purpose/ Predictive Analytics



## Market Research & Sentiment Analysis



## Search Engine



## Quantitative Trading



## Blockchain



## Debt Collection



## AI Assistants/Bots



## Fraud Detection



## Credit Scoring



## Personal Banking



# What Euklid Does



ETHICS IN FINANCE

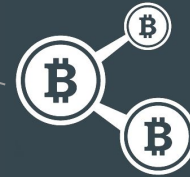
# Euklid's Core Technologies

Euklid developed effective proprietary technologies and a strong expertise on the latest innovations in FinTech, including the Blockchain



## Artificial Intelligence

- Exploiting the power of proprietary AI to build the HEDGE FUND of the future
- Investing in a diversified portfolio to achieve profits while maintaining a low level of risk



## Blockchain

- Employing the Blockchain technology to guarantee a great degree of transparency
- Registering all transactions on the Blockchain to prevent any risk of manipulation of the numbers

# Euklid's Artificial Intelligence

Our Artificial Intelligence systems are based on Biocomputing, a science linked to maths, physics, and biology.

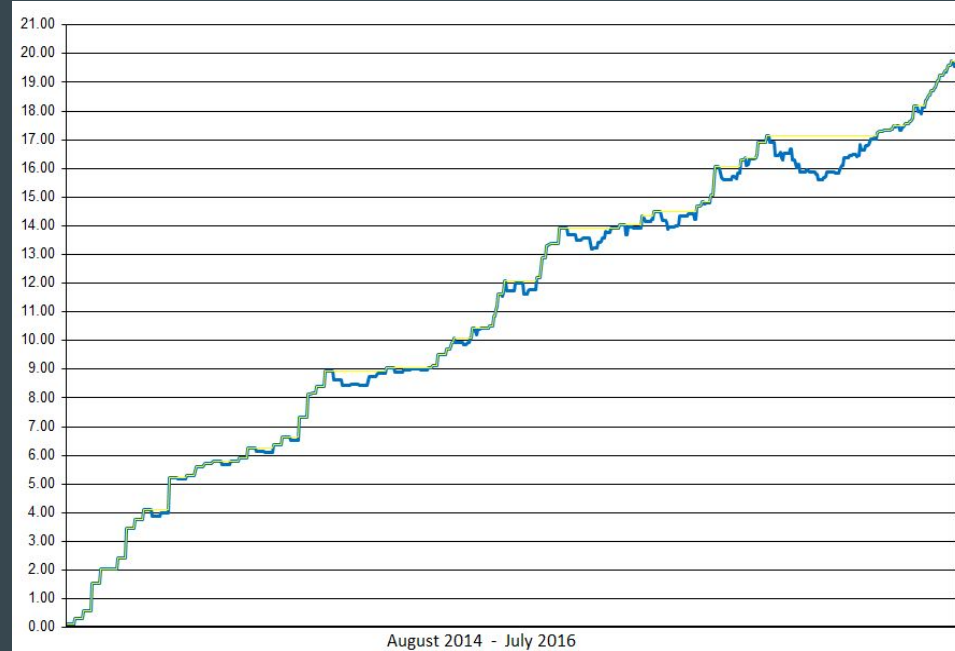
- Biocomputing performs computational calculations involving storing, retrieving, and processing data.
- The learning progress is kept efficient and optimized through processes known as:
  - Swarm Intelligence;
  - Neural Networks; and
  - Genetic Algorithms
- With Adaptive Training we select algorithms relying on the same principle that exists in nature: by selection and reproduction of the fittest.

This process allows Euklids' AI to adopt a customised approach for every single traded asset.



# 2 YEARS PERFORMANCE RESULTS

- Average annual performance of +10%
- Maximum drawdown of -1.52%
- Yearly potential revenue estimates\* at different levels of Assets Under Management (€):
  - 100M of AUM → 2M
  - 250M of AUM → 5M
  - 500M of AUM → 10M

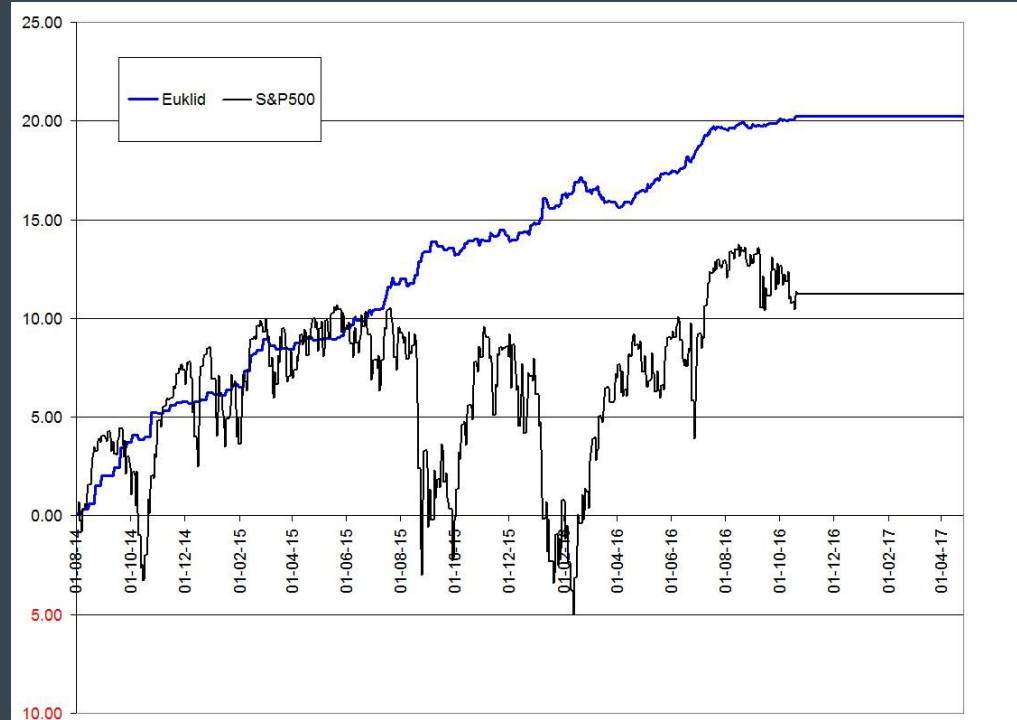


\* Assuming 10% performance



# Euklid vs S&P 500

- Euklid is among the 5% of Hedge Funds to outperform the market
- As can be seen from the graph Euklid's algorithms are capable of reducing the volatility of investments and offering more constant results



# Exploiting the Blockchain

The Blockchain is a permanent decentralised record of data. At the moment, it is vastly exploited for transactions with Bitcoin. However other applications of it such as smart contracts already exist.

Thanks to the Blockchain transactions are registered and verified and can't be erased or changed in the future. Being on the blockchain all transactions can be inspected by anyone at any time.

Blockchain's key benefits:

- Complete Traceability → every transaction is registered forever on the Blockchain.
- Security → as a decentralized system it is safer due to the absence of a central database.
- High levels of encryption → contributes to increased security.
- Speed → Payments are executed faster and at a lower cost



# How we use the Blockchain

IT | [https://www.euklid.com/signals\\_ledger\\_stocks](https://www.euklid.com/signals_ledger_stocks)

LAST UPDATE: 07 November 2016

entries

Search:

ASSET	TRANSACTION ID	ENCRYPTED SIGNAL	DECRYPTION KE
VODAFONE	7ac85d177c823943c64a850e	qqrB0TKxqbfiTYckA7qk7bsBY3Mvu4StAS7Ba2O+DgI=	NOT AVAILABLE
JOHNSON & JOHNSON	ab23c7289c8bf5fcb604eba5	4gbeWfnymyyc++U3BJrTYU8OCOL6vznTJ3fF3yXZPhc=	NOT AVAILABLE
ASTRA ZENECA	1acde76fe4f09880b490fac70	S72XNbhVdiNj7swfgXuXkEetMdSmjNIUVvLhvJ19c=	NOT AVAILABLE
NOVARTIS	cba828e21accb2cbf1a91066	zgfUqdTuW7WEDYs0hByhGq91nJdsqICV8MnL9nKVkA=	NOT AVAILABLE
GLAXOSMITHKLINE PLC	d6aa47cc3427539c6eb4fa7f0	4G38r0kXBa2H5DYuiA941w6bCiyZOF7XpMxhdst7HA=	NOT AVAILABLE
PEPSICO INC.	b95c915819821c1c67b72bf0	hNzeP0z/aEjoqr3grrTrGt3LpviVLrESSeaBciHZCaw=	bh7yjD#IN77TXhk
BRITISH AMERICAN TOBACCO	9de8a0ba36c56d72e8bb9e10	bgnUs8c11YghnK2JzN4cOFFAkM03kZDE2HA+EZI8=	8P#v7UXsM4JaxQ
MCDONALD'S CORPORATION	89b0579d876dd750e25fd10	bwjYCNQdkDNCSCP/8U1gqy9glSgBLKVzU37I3w2IEaA=	2vDW#8#eFhvKfpi
IBM	5b3831ceb2c31cb8dd4c4310	uStbiGfa9LpITbICNgUzyp18S4fJ0r5WXnJWQJNI=	SS9S7RaZwdPdra4
LUFTHANSA	9cfae5cff9384650b195ff070	uOD2t1OchiM8XK2S6Wq1KaOjoSdtSqHLRxxiK9JfI44=	z5SFX#H#G7#PK1

# Euklid in Future



How will the situation evolve?