## **Deutsche Bank Note 6 – 80 – 90 – 2019**

6% Guaranteed Coupons + 80% Profit Lockin + 90% Capital Guarantee, 7 Years Maturity
Linked to 412 Managed Futures Basket Index (EUR, USD, GBP, SGD available)

### **Fact Sheet**

Salus Alpha has determined the performance target of the 412 Managed Futures Basket, a quarterly rebalanced, equal-weighted basket of two CTA programs listed on Deutsche Bank's dbSelect managed account platform (Salus Alpha Directional Markets Strategy (DMX), Winton Diversified Program), at a return of 10-15% p.a., with a volatility of approximately 10% p.a.

## **Investment Objectives**

Absolute Return

- ◆ Target return of 10-15% p.a.
- ◆ Target volatility of 10% p.a

Capital Guarantee
with profit lock-in

- 90% Capital guarantee at maturity.
- ◆ 2 coupons at 3% each guaranteed in the 1st and 2nd years.

Flexibility

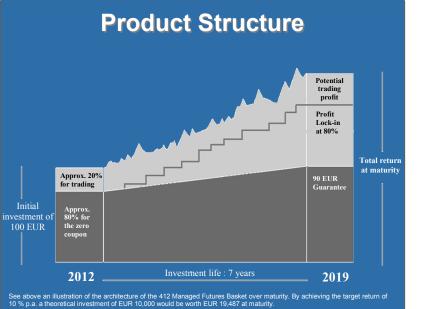
- Daily Liquidity.
- 0% Bid/Ask spread each Friday.

Diversification

The index is covering more than 100 Futures markets.

Low Correlation

- Negative correlation with traditional long only investments (- 0,47 DMX vs. S&P500).
- 2 CTA programs with low intercorrelation (0,39).



#### Minimum Investment

Minimum investment of EUR 50,000 or equivalent in USD, GBP, SGD

#### **Profit lock-in characteristics:**

Each quarter: 80% of newly achieved profits constitute the profit lock-in.

# History



Total return incl. Coupons	224%
Return p.a. incl. Coupons	18.25%
Volatility p.a.	11.92%
Mod. Sharpe Ratio	1.53

#### Example:

- Investor bought the Note at EUR 100 seven years ago
- Investor received EUR 3 guaranteed coupon at the end of year 1
- Investor received EUR 3 guaranteed coupon at the end of year 2, for a total of EUR 6 guaranteed coupons.
- Investor received performance coupons of EUR 3 each at the end of years 3, 4 and 6, for a total of EUR 9 performance coupons.
- Total coupons sum up to EUR 15.
- The note is redeemed with a final value of EUR 309.
- The investor's capital grew from EUR 100 to EUR 324.



# Illustration of the mechanism

Examples of the mechanism at maturity in 3 different contexts.

For a capital investment of EUR 1,000:

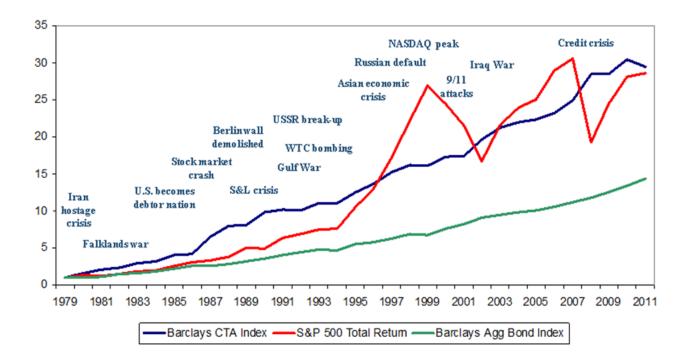
	The standard scenario	intermediary scenario	The worst case scenario*
Sum of profit after 7 years	70% (2 x 3% guaranteed coupons included)	35% (2 x 3% guaranteed coupons included)	- 4%
Profit at maturity (coupons included)	€700	€350	€-40
Capital refund at maturity (coupons included)	€1,000 + €700 <b>= €1,700</b>	€1,000 + €350 <b>= €1,350</b>	€1,000 - €40 <b>= €960</b>

The example is for reference only. It does not reflect past performance. Past performance is not indicative of future results. \*The Note is subject to DB credit risk.

Key facts		
Issuer	Deutsche Bank (Moody's Aa3; Standard & Poors A+; Fitch A+)	
Status	Private placement / Senior, unsecured	
Denomination	100	
Minimum investment size	EUR 50,000 or equivalent in USD, GBP, SGD	
Listing	Luxembourg regulated market	
ISIN	<ul> <li>DE000DE92H78 (EUR)</li> <li>DE000DE92H60 (GBP)</li> <li>DE000DE92NU9 (SGD)</li> <li>DE000DE93214 (USD)</li> </ul>	
Trade date	30 April, 2012	
Settlement date	30 April, 2019	
Secondary market	Daily with:  • 0% bid/ask spread each Friday  • 1% bid/ask spread on other business days	
Underlying index	<ul> <li>Equal weighted basket of dbSelect managed accounts:</li> <li>Directional Markets Strategy (DMX)</li> <li>Winton Diversified Program</li> </ul>	
Index manager	Salus Alpha Capital	
Currency (hedged)	EUR; GBD; SGD; USD	
Maturity	7 years	
Guarantee amount	90% capital guarantee	
Profit Lock -in	80% of newly achieved profits	
Participation Factor	up to 165% based on initial investment	
Redemption price	Maximum (Note Performance – minus received coupons, 90%)	
Guaranteed coupons	<ul> <li>3% at the first anniversary of the Note</li> <li>3% at the second anniversary of the Note</li> <li>Max. 3% p.a. at subsequent anniversaries of the Note, depending on performance</li> </ul>	

## Why Managed Futures?

Managed Futures have delivered consistent performance over a thirty year period. Although less prone to crashes than equities, its peaks and troughs lend itself to being a long term hold:



In particular, their performance during tough equity markets has been impressive:

60% 8/00-9/02 39.0% 40% 10/07-2/09 6/90-10/90 8/87-11/87 14.5% 6/98-8/98 20% 5.4% 0% -20% -15.1% -30.2% -40% -46.3% -52.6% -60% S&P 500 Index Drawdowns Barclayhedge TOP 50 Index

Barclayhedge TOP 50 vs. S&P 500 during S&P 500's worst five drawdowns since 1987



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