



## Due Diligence and Investment Analysis

Quite commonly, people think that, if a new technology appears, or a new investment method appears, everyone will adopt it and it will have a bright future. This is not so. On one hand, this new approach may quite well show some drawbacks, which will be apparent in the long run: it does not prove as attractive as one thought at the beginning. On the other hand, people have their habits, and usually are not ready to change them. And, finally, these "new" ideas may very well prove to be short-term ideas.

In the banking system, the "alternative investment solutions" need to be carefully analyzed about the underlying mathematical models; many of them rely upon academic presentations, with no links with reality.

A careful analysis of the fate of new technologies in the past shows that many of them never found their way, and, for those which did, it took many years. For the investment methods, most of them work well when the economy is fine, and they collapse at the first sign of regression in the economy.

Our task is here to explain quite clearly what are the possible drawbacks of the new technologies, of the new investment methods, what are the advantages upon the competition, and, above all, to see whether these methods have been correctly validated: Is this just an idea, coming at best from an academic paper, or does it have a proven value?

If a patent is required, are we sure that this patent is completely original ? In many cases, scientific ideas take many forms, and it may be so that the "new" idea is a mere rephrasing of techniques which have been in existence for quite long. A scientific investigation is needed.

### **Our recent achievements:**

- Axa Private Equity (French private investor), 2009 and 2010: The business model of satellite constellations
- Axa Private Equity (French private investor), 2009: The business model of a broadcast company

- Axa Private Equity (French private investor), 2010: Critical analysis of the investments in solar energy
- Axa Private Equity (French private investor), 2010: Critical analysis of the investments in high technology
- Axa Private Equity (French private investor), 2010: Critical analysis of the investments in wind energy
- Axa Private Equity (French private investor), 2010-2011: Critical analysis of the investments in the nuclear sector and recommendations
- DCNS (French Company, building military ships and submarines), 2012: How to present the "Flexblue" project to investors?
- International Stainless-Steel Forum (Belgium), 2011-2012: Tools for anticipation of Nickel prices, worldwide
- SODEBO (French Food Company), 2013: Comparative analysis of several financial strategies for long term ordering
- RTE (French Electricity), 2012-2013: Tools for the anticipation of electricity price on the SPOT market
- Orcade Commodities (Switzerland), 2014: Definition of prospective indicators
- Solvay, 2014: Definition of prospective indicators about chemical sales
- Compagnie Financière de Florissant (Switzerland), 2014: Critical analysis of algorithms in mathematical finance
- IMSquare (Paris-London Investment Company), 2018: Due diligence of a New-York based investment company (replication strategies of hedge funds)
- Critical analysis of the "biogas" sector for an investor, 2020
- SNCF, 2021: Critical analysis of Safety Demonstrations for the Fuel Cell (Hydrogen)
- Neext Engineering, 2023 : Critical analysis of a project of Small Modular Reactor
- Digital Department, General Secretariat of Economic and Financial Ministries, French Government, 2023: Quantum Computing: Critical analysis of the state of the art