

# The Business Transformation and Enterprise Architecture Framework

An attempt to apply the Business Transformation Framework and Enterprise Architecture Framework for Managers in Business Innovation to explain the changes that followed the 9/11 attack

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E-Leader Warsaw, June 2018

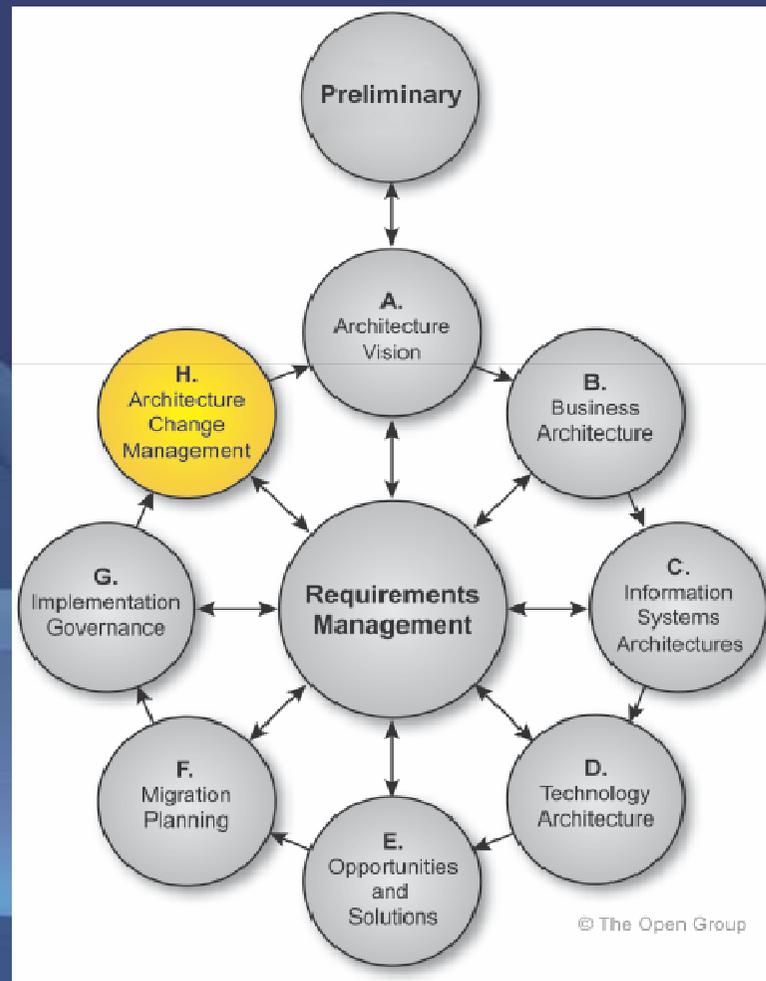


# Introduction

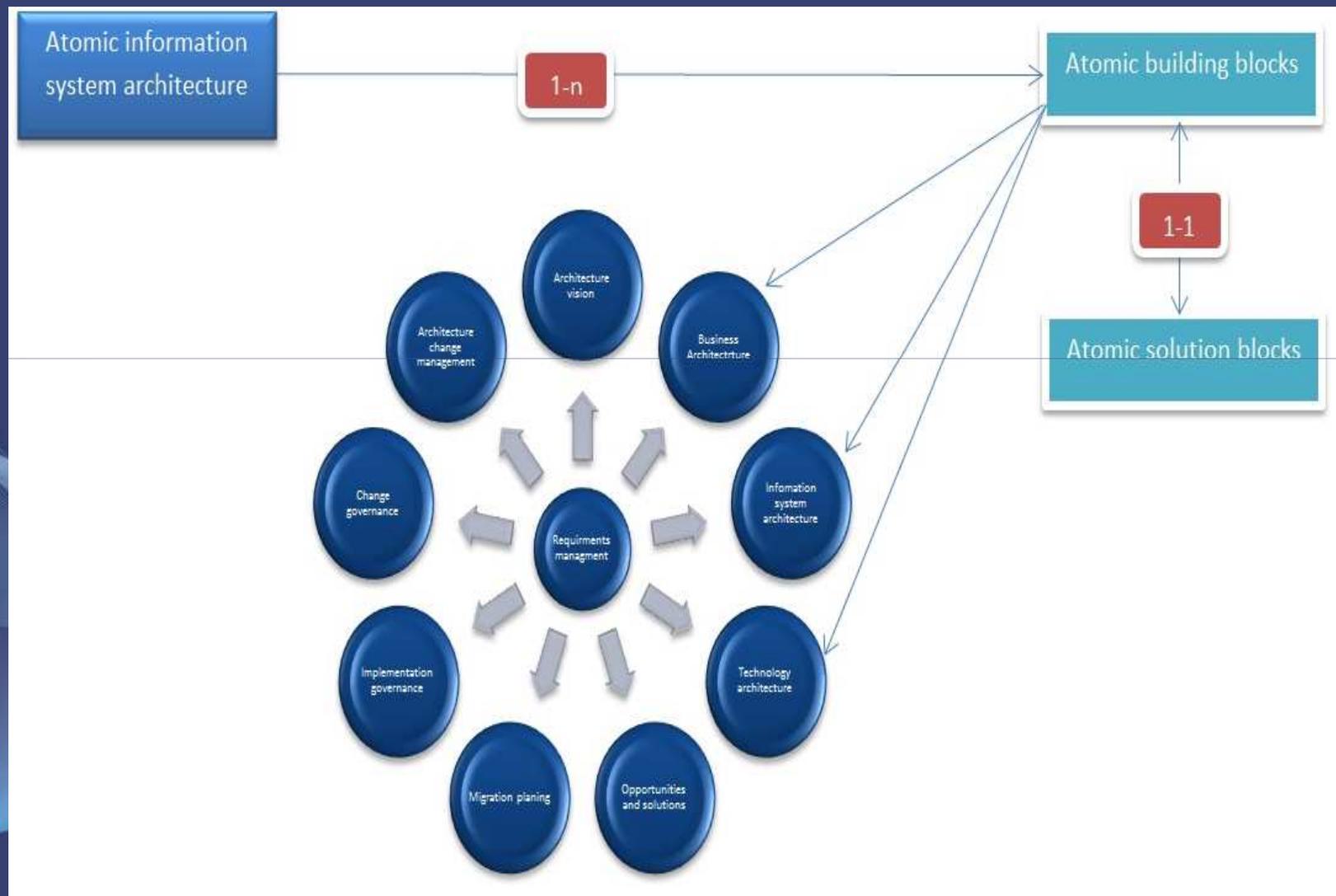
- **This research inspects possibility of analysing a societal transformation model.**
- **There is a need to look at all related events and relate them to measurable factors.**
- **Today many analysis frameworks exist and they are very advanced. Such a framework can support the societal transformation process of the traditional environments.**
- **The proposed set of recommendations that can be used by analysts, supports a holistic view on delivering a global view on major geopolitical events...**
- **The automated societal pattern component**



# An Architecture Model



# The Environment



# Background

- **A major societal change...**
- **The origins of terrorism and the pre 9/11 events**
- **The word Assassin that came from the Semite//aramaic/Arabic word “hishesh” that denotes a person who smokes grass**
- **The word 'Assassin' was brought back to Europe from Syria by the Christian Crusaders (“Les Templiers”)**



# Background

- **13 of April 1975, the Lebanese (un)civil war / announced the change...**
- **1982... Drakkar / Beirut International Airport**
- **The rise of Islamic groups like el Qaeda and others**
- **1991, the collapse of the Soviet Union**



# 2001 to 2007 Retaliation/defeat

- The invasion of Iraq
- The Invasion of Afghanistan
- The “pacification” of Saudi Arabia
- The Syrian occupier pulls out of Lebanon
- The proxy war in the south of Lebanon
- The Assad Syrian serial killings ignited an instability in the Lebanon and the Islamic Republic of Iran’s proxy Lebanese militias fought a delegated war...

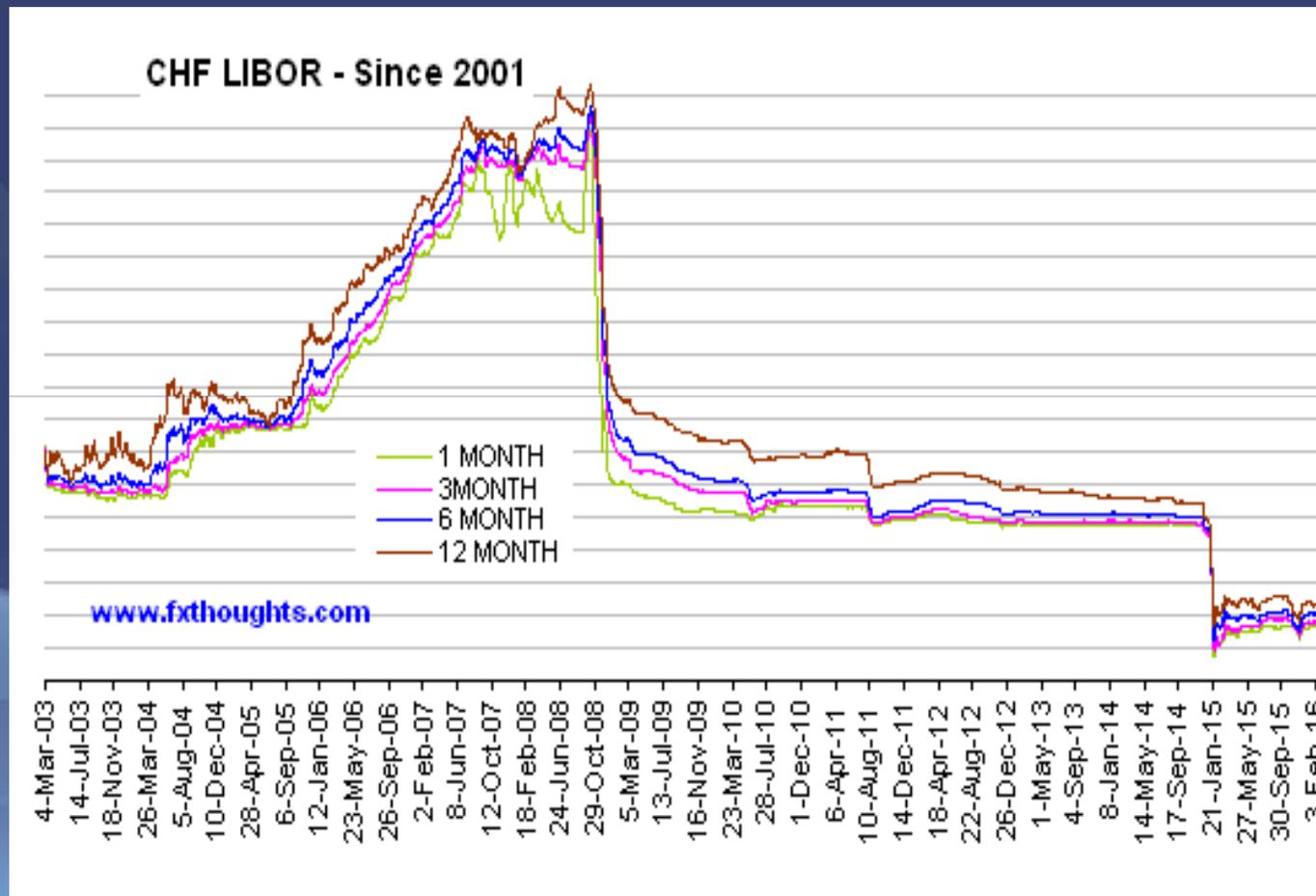


# 2007-2008 financial crisis

- **The unbundling process**
- **The loss of influence and the geopolitical misbalance – the gap**
- **Cash in cash out overflow**
- **LIBOR down slide**
- **Subprime debacle**
- **Growth and employment**
- **The rise of global and regional financial superpowers, like China**



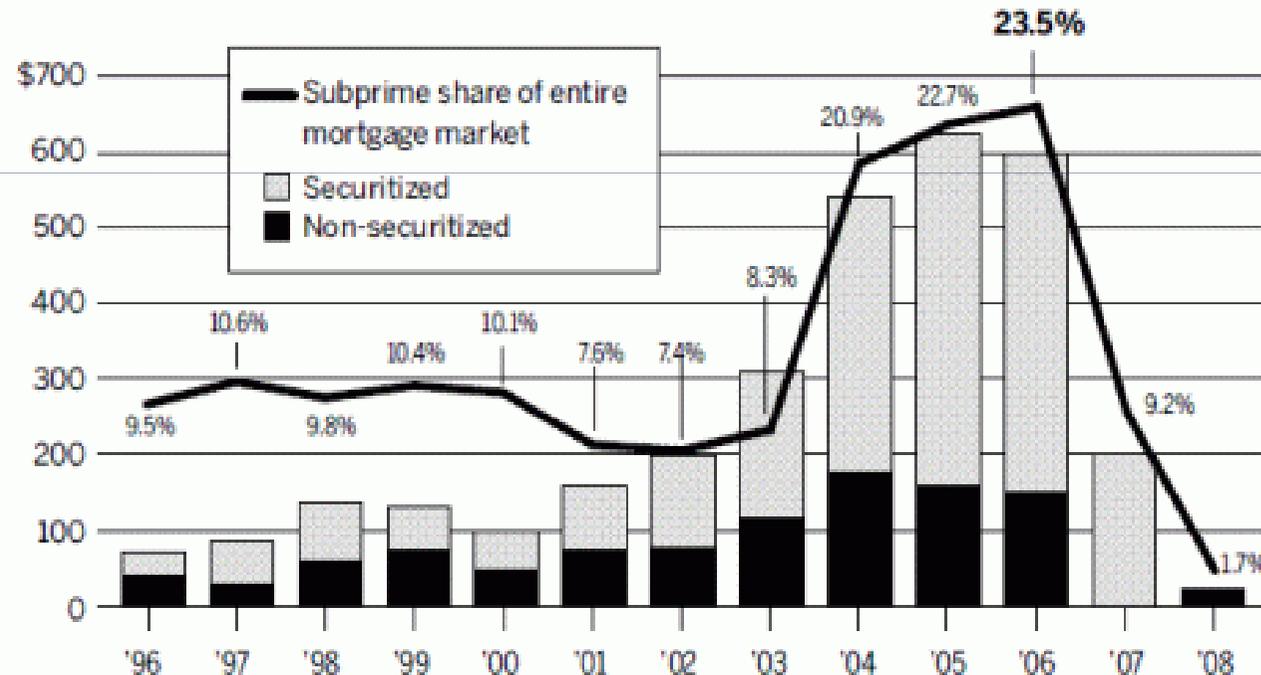
# LIBOR interest system degradation



# The Subprime degradation

*In 2006, \$600 billion of subprime loans were originated, most of which were securitized. That year, subprime lending accounted for 23.5% of all mortgage originations.*

IN BILLIONS OF DOLLARS

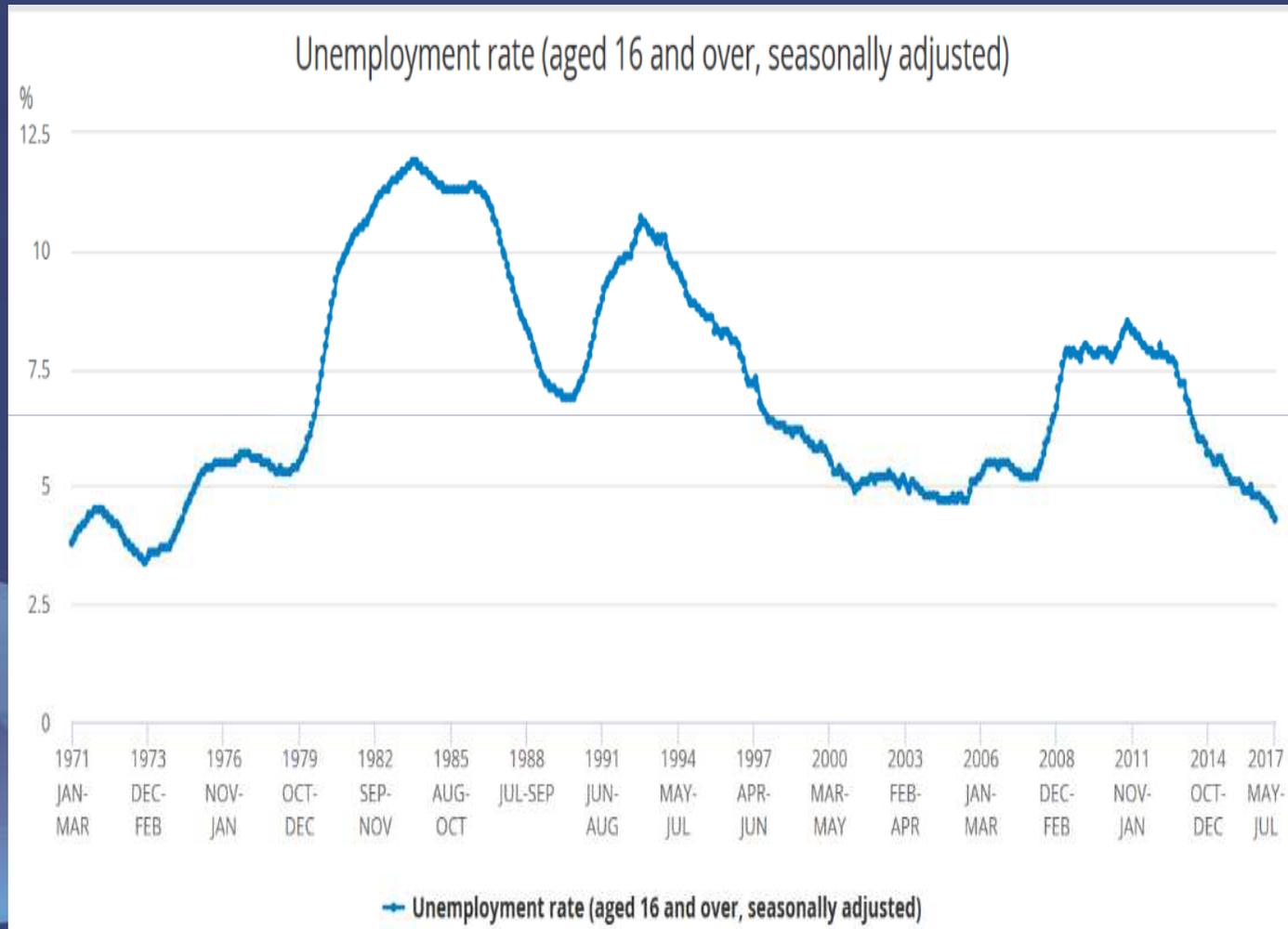


NOTE: Percent securitized is defined as subprime securities issued divided by originations in a given year. In 2007, securities issued exceeded originations.

SOURCE: Inside Mortgage Finance



# The UK jobless rate



# Post financial crisis phase

- **The Anglo-Saxon disorientation**
- **The rise of neo-feminism**
- **Eastern Europe and Ukraine**
- **The rise of tsarist Russia**
- **The European Union and France**
- **The Arab spring, Israel and the Syrian civil war**

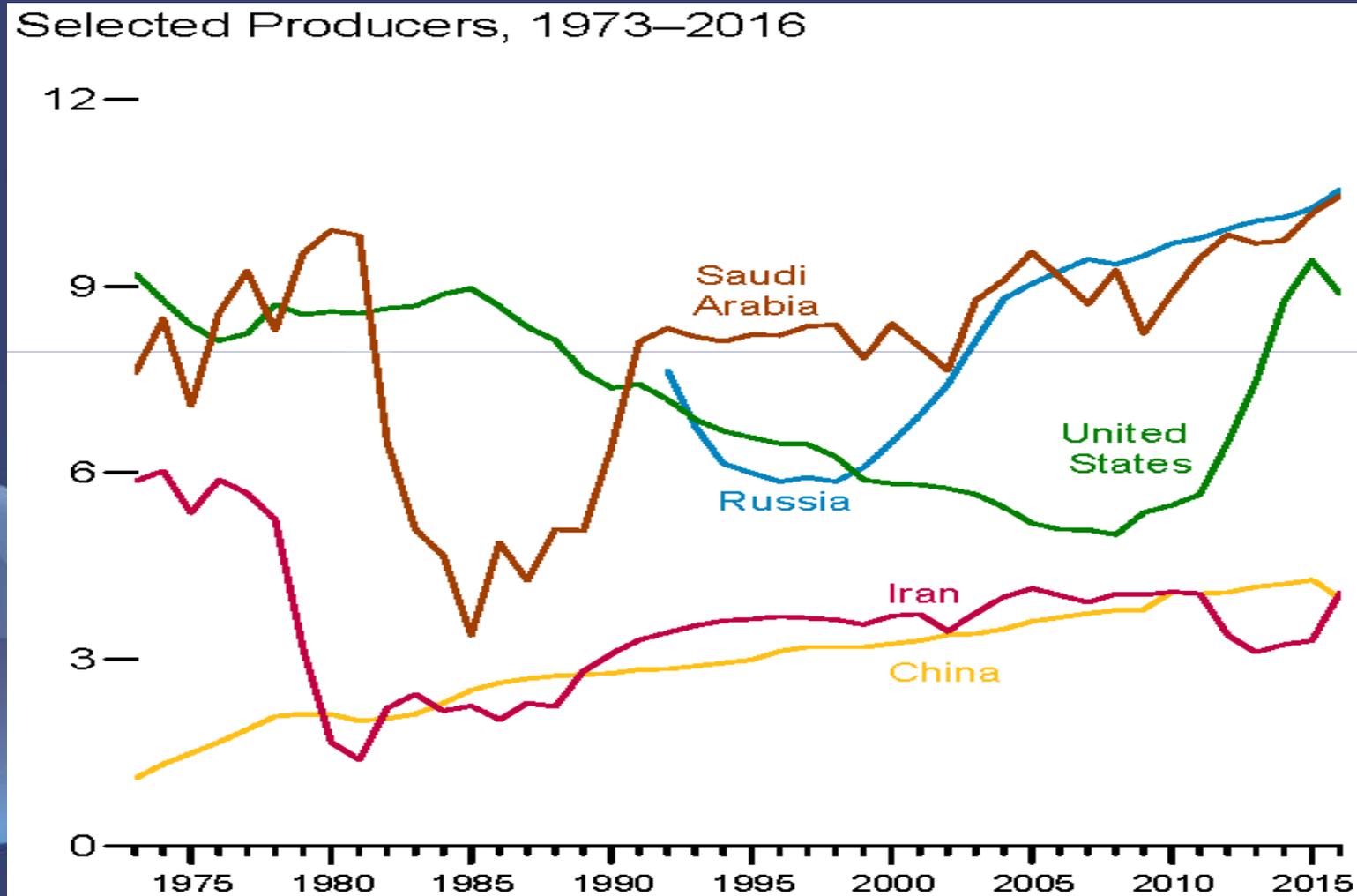


# Post financial crisis phase

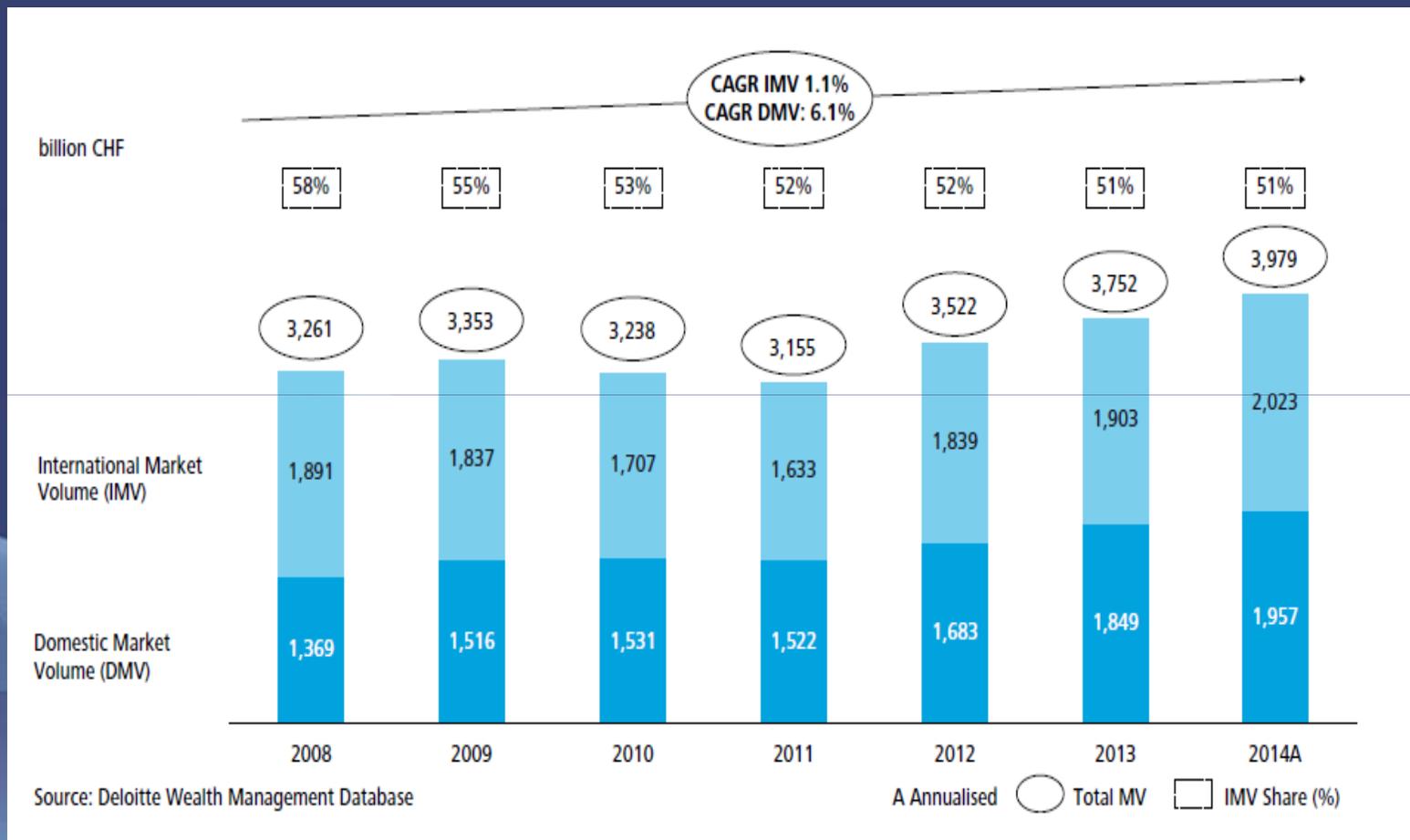
- **Latin Americas counter revolutions**
- **The African continent**
- **South-Asian spring and the rise of China as a super power**
- **The beloved oil fields**
- 



# The world major producers



# Winners and losers



# A STP Pattern

- **This article is a part of a long series of articles related to business transformation projects (BTP) that deal with the various aspects of frequent transformational changes.**
- **The implementation of such BTPs' automated ST pattern requires the interaction of multiple disciplines and fields which need standardized methodologies.**
- **Concerned fields that combine frameworks and specialized knowledge from: 1) violence, conflicts and terrorism; 2) geopolitics; 3) finance; 4) oil and gaz; 5) financial governance; and 6) many other applied mathematics fields.**



# Constructs

- The ST product components.
- Critical Success Area (CSA) is a category of Critical Success Factors (CSF) where in turn a CSF is a set of Key Performance Indicators (KPIs), where a KPI corresponds to a single requirement.
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- ST pattern global strategy concept
- Extreme or intelligent flexibility can be achieved by the application of a holistic antifragility concept.
- ST and geopolitics relationship
- Anti-locked-in strategy



# ST pattern underlying technology management

- Standards
- Architectural and geopolitical concept
- The ST information environment
- Resources Mapping
- Legal integration



# ST IT system architecture and infrastructure

- The transformation unbundling process
- The role of standards like TOGAF
- Automated service's granularity
- Services' architecture and integration
- A unified control and logging subsystem
- Decision trace store and logs
- Neural networks oriented system
- The geopolitics microartefact



# CSAs

- The origins of terrorism and the pre 9/11 events
- 2001 to 2007 the period of retaliation and the major defeat
- 2007-2008 financial crisis
- Post financial crisis phase



# Conclusion 1/4

- The proof of concept: proved the research project's feasibility by implementing the STP defined pattern.
- The 9/11 terrorist event was a major worldwide societal change.
- The West lost its military combativity readiness.
- The West is facing a major mutli-folded crisis and we are in the beginning phase of its dismembering.
- A gap was created by the lack of cash in that the USA to open its oil wells.



# Conclusion 2/4

- **France will emerge as a new regional and world power; and will lead the European Union.**
- **Germany may join in con-dominium, especially if it gets rid of its (rightfully earned, but maybe obsolete) historical complex of guilt and its excessive need to act always super correctly.**
- **The world has become multilateral, where global powers like China and Russia are emerging.**



# Conclusion 3/4

- **Implement Critical Success Areas (CSA) that is a category of Critical Success Factors (CSF) strategy where in turn a CSF is a set of Key Performance Indicators (KPI), one KPI corresponds to a single geopolitical requirement.**
- **Application of the antifragility concept can help in having a holistic and broad guide to non-predictive decision-making operations under uncertainty.**
- **An STP-like component must be implemented in-house to interface it with the Environment's decision-making module and logs.**



# Conclusion 4/4

- The world is multi-lateral, seeing the rise of new global players.
- The role of oil is determinant.
- Terrorism will be the plague of the 21<sup>st</sup> century.

