

# The Business Transformation Framework and the Application of a Holistic Strategic Security Concept (HSSC)

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# Introduction

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

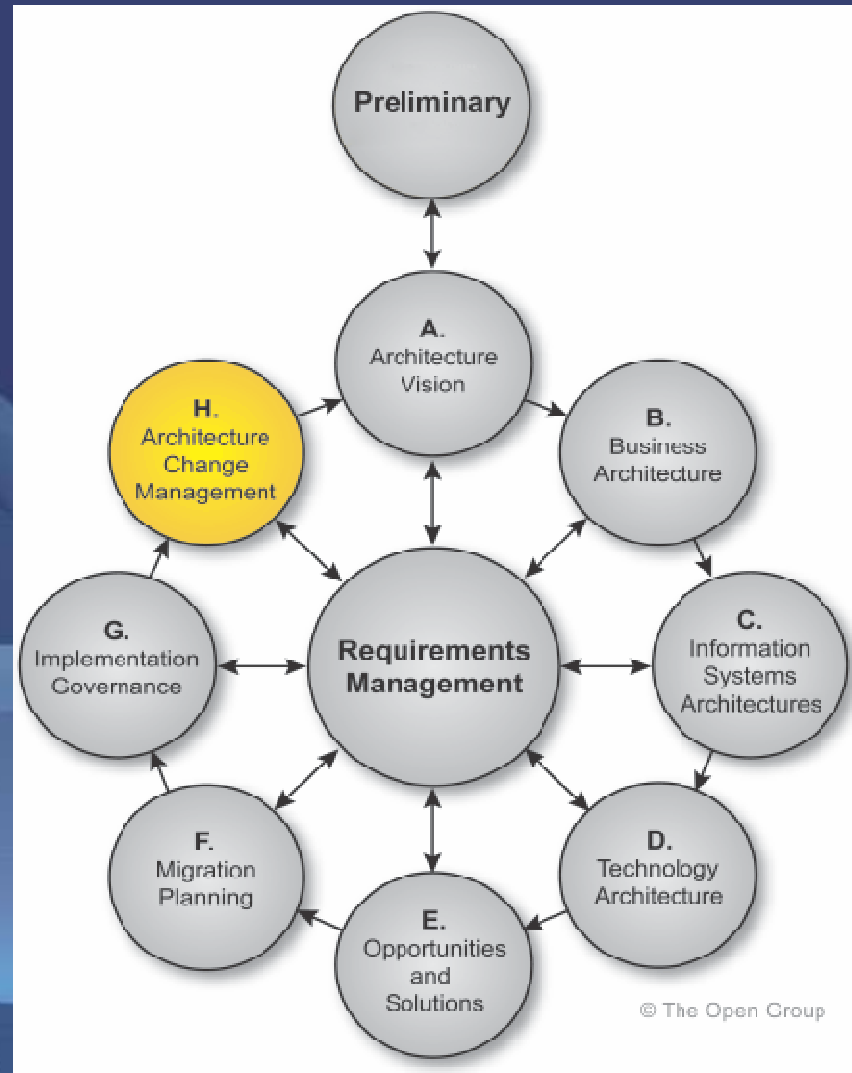


# Introduction/Application Areas

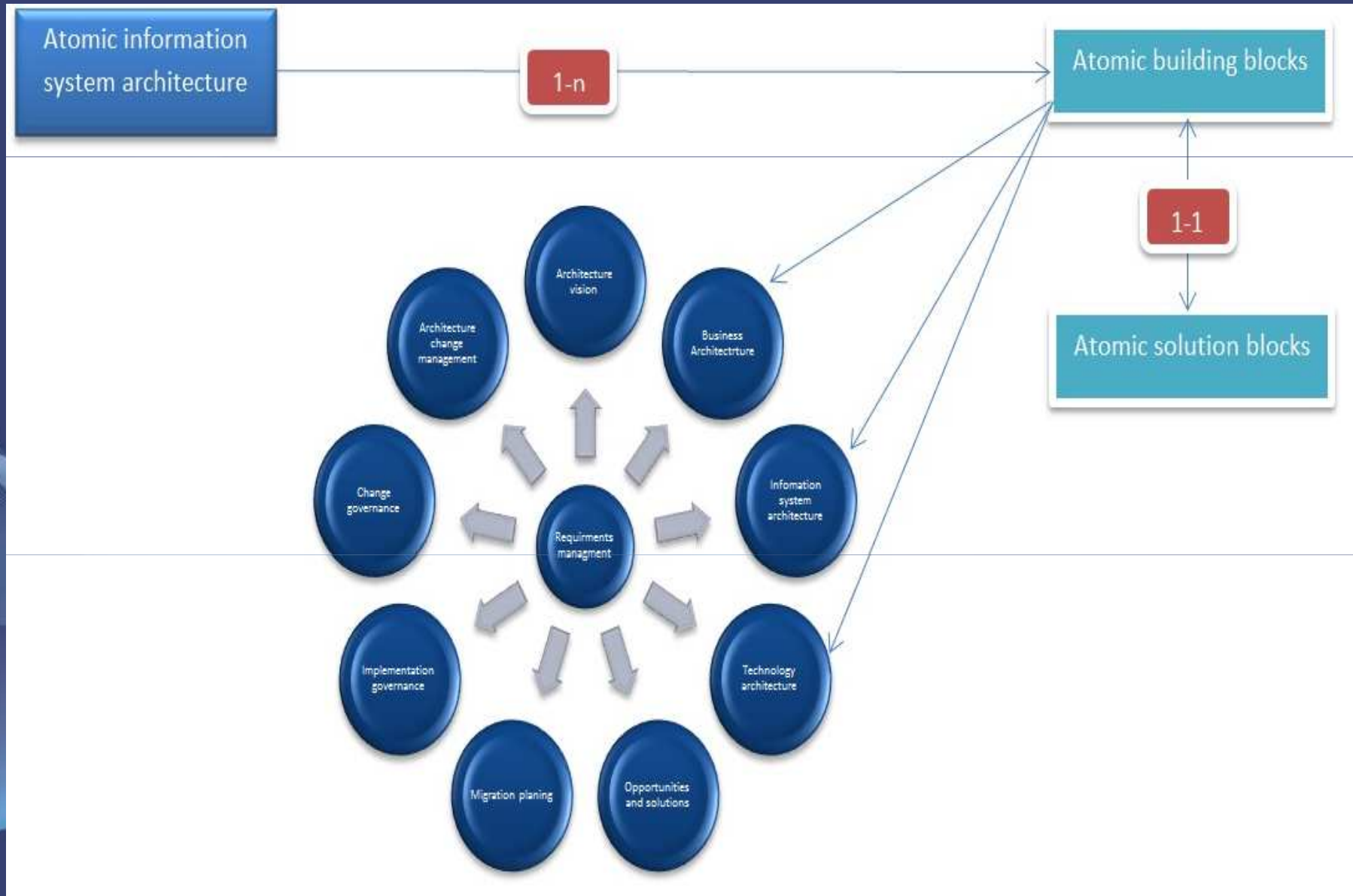
- The HSSC
- Unifies a MM, ICS, ADM and an applied field.
- Business security/risk analysis.
- Geopolitical analysis.
- Availability and robustness
- ...



# An Architecture Model



# The TKM&F (Framework)



# Background

- Major global societal and technological changes...
- USA-UK orientation vs. Russian-Chinese orientation; but what about France...
- The origins and influences of a turbulent phase.
- Instability in many regions...
- High tech and finance...



# Background

- **1973, major shift in geopolitics... The Lebanese and Cypriot civil war / announced the change...**
- **1982... Drakkar / Beirut International Airport / Gemayel / Reagan**
- **The rise of Islamic groups like el Qaeda, Amal and others**
- **1991, the collapse of the Soviet Union, ethnical/religious polarization**
- **The Yugoslav fall...**



# 2001 to 2007 Retaliation

- **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...**



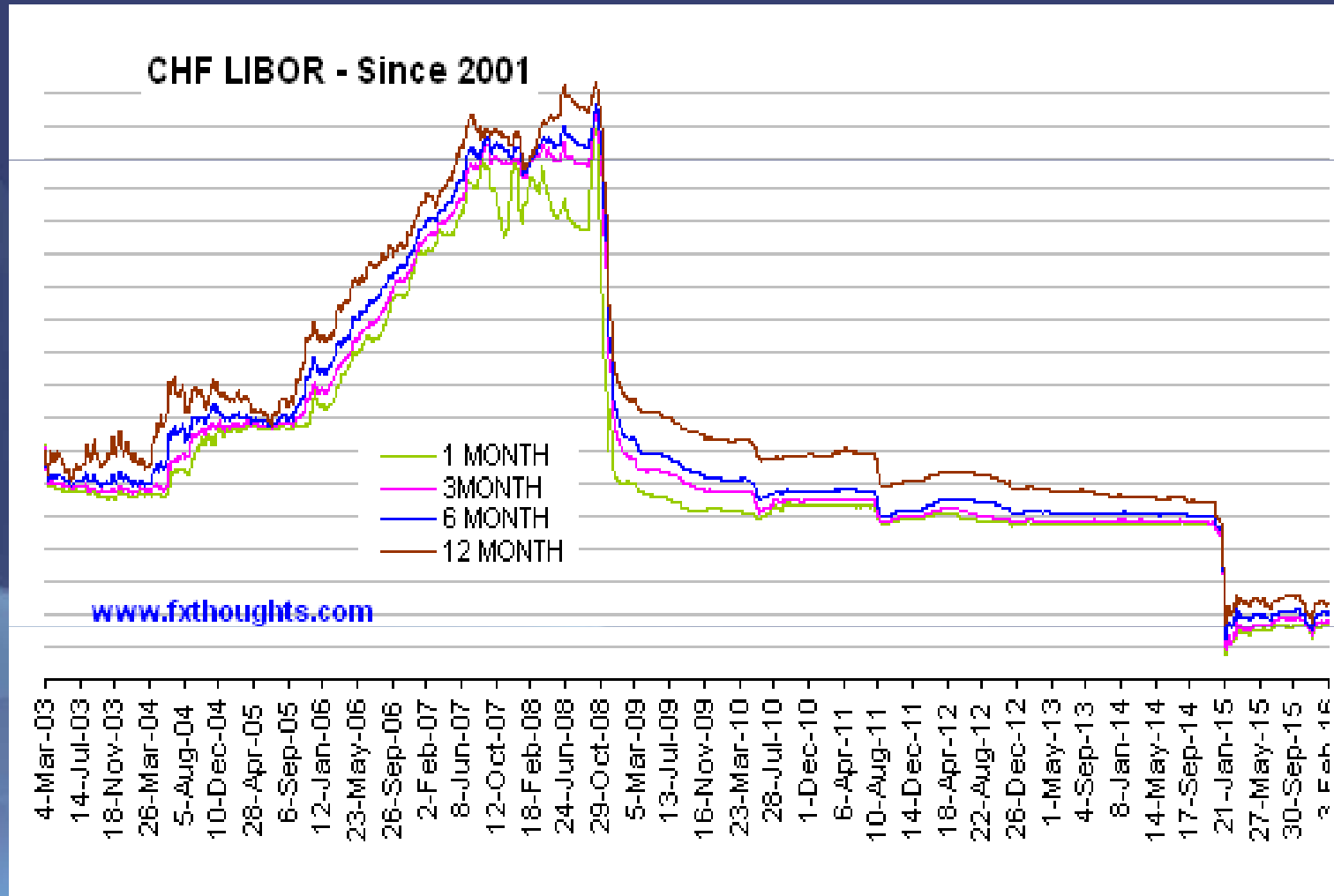


# 2007-2008 financial crisis

- **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



# Post financial crisis phase

- **The Anglo-Saxon (dis)orientation, a new order ?**
- **The rise of neo-feminism**
- **Eastern Europe, the Balkans and Ukraine**
- **The rise of tsarist Russia**
- **The European Union and France**
- **The Arab spring, Israel and the Syrian civil war**



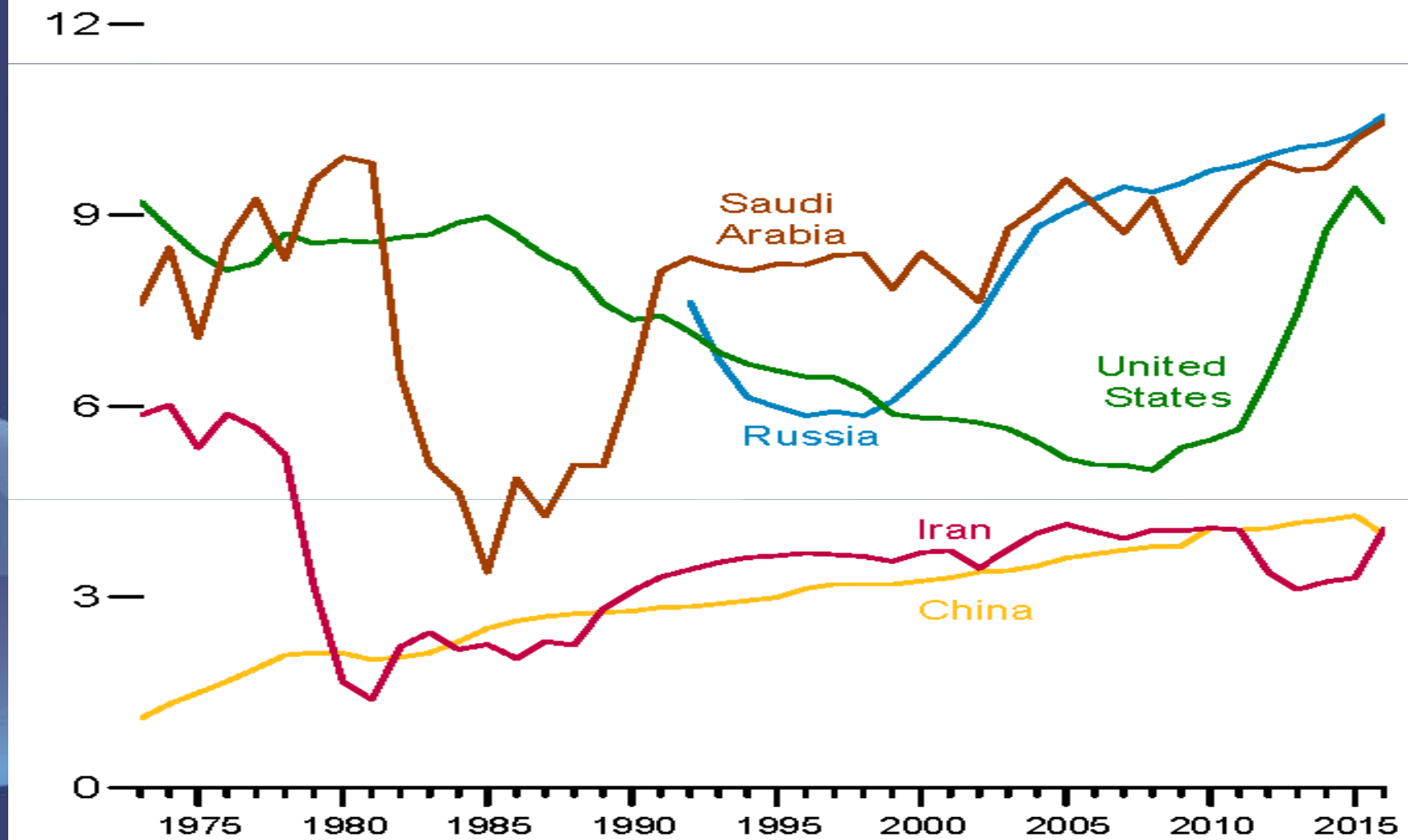
# Post financial crisis phase

- **Latin Americas counter revolutions**
- **The African continent**
- **South-Asian spring and the rise of China as a super power**
- **The beloved oil fields**
- **European agonisation, BREXIT, Greece, Far-righthood, ...**
- 



# The world major producers

Selected Producers, 1973–2016



# Table 1 – 73/90

Critical Success Factors	KPIs	Weightings
CSF_73-90_SLM_PoliticalEliteSupport_Interaction	Dominance_FinancialProfit ▼	From 1 to 10. <b>10 Selected</b>
CSF_73-90_SLM_ArabIsraeliWar	ReligiousBasis_FinancialProfit ▼	From 1 to 10. <b>09 Selected</b>
CSF_73-90_SLM_SaudiArabia_Lebanon	RegionalConflict_FinancialProfit ▼	From 1 to 10. <b>10 Selected</b>
CSF_73-90_SLM_Angola_Nigeria_Other	Dominance_FinancialProfit ▼	From 1 to 10. <b>09 Selected</b>
CSF_73-90_SLM_InterventionsIraqAfganistan	Debacle_FinancialProfit ▼	From 1 to 10. <b>10 Selected</b>

*Table 1.* The 73s/90s critical success factors has an average of 9.6



# Table 2 – 90s/2000

CSF_90/20_SovietUnionDissmentlment	Dominance_PoliticalDefeat	From 1 to 10. <b>10 Selected</b>
CSF_90/20_YugoslaviaDissmentlment	Dominance_PartialFinancialProfit	From 1 to 10. <b>08 Selected</b>
CSF_90/20_IraqiDissmentlment	Dominance_FinancialProfit	From 1 to 10. <b>09 Selected</b>
CSF_90/20_AfricanStatesDissmentlment	Dominance_FinancialProfit	From 1 to 10. <b>09 Selected</b>
CSF_90/20_InterventionInAfganistan	Debacle	From 1 to 10. <b>08 Selected</b>

*Table 2.* The 90/20 critical success factors has an average of 8.8



# Table 3 – 2000/2007

Critical Success Factors	KPIs	Weightings
CSF_2000/2007_RetalitionInvasions_OilPlundering	Fiasco4USA ▼	From 1 to 10. <b>10 Selected</b>
CSF_2000/2007_Regionalization_MiddleEastConflict	ReligiousBasis ▼	From 1 to 10. <b>09 Selected</b>
CSF_2000/2007_GenderWarOnMen	NewType ▼	From 1 to 10. <b>09 Selected</b>

*Table 3.* The 2000/2007 critical success factors has an average of 9.33





# Table 4 – 2008/2016

Critical Success Factors	KPIs	Weightings
CSF_2008/2016_UnbundlingProcess	Started	From 1 to 10. <b>10 Selected</b>
CSF_2008/2016_TheGap	Established	From 1 to 10. <b>10 Selected</b>
CSF_2008/2016_SLM_CashInCashOut	Disrupted	From 1 to 10. <b>09 Selected</b>
CSF_2008/2016_SLM_LIBOR_Manipulation	CriminalAct	From 1 to 10. <b>10 Selected</b>
CSF_2008/2016_SLM_Subprime_Manipulation	CriminalAct	From 1 to 10. <b>10 Selected</b>
CSF_2008/2016_SLM_TransferOfWealth	CriminalAct	From 1 to 10. <b>10 Selected</b>
CSF_2008/2016_MultiLiterasim_ChinaIndiaRussia	Confirmed	From 1 to 10. <b>09 Selected</b>

The 2008/2016 factors and indicators average is 9.70

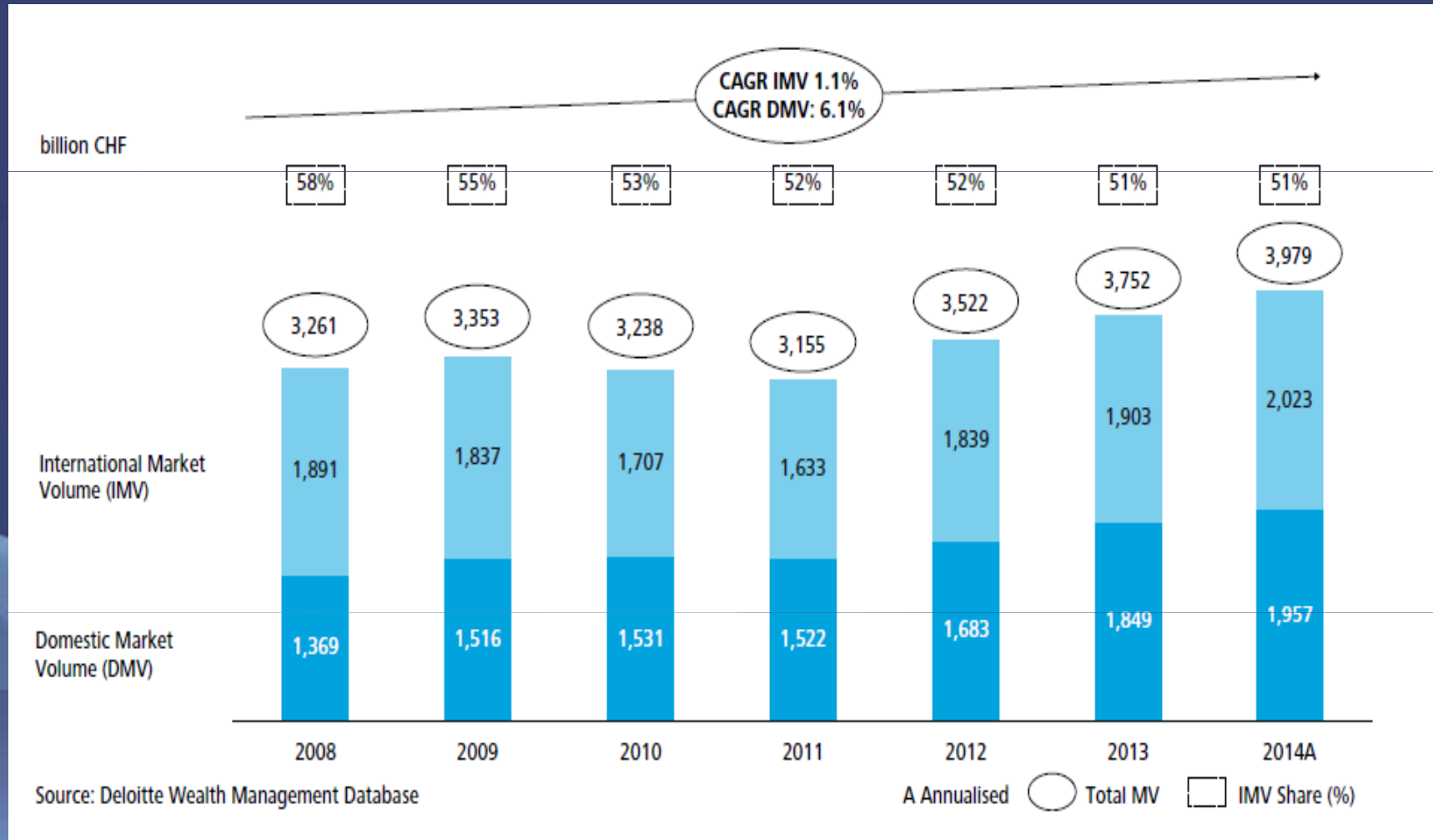


# Table 5 – After 2016

<b>Critiuccess Factors</b>	<b>KPIs</b>	<b>Weightings</b>
CSF_2016_AngloSaxonDisorientation	AdvancedState ▼	From 1 to 10. <b>10 Selected</b>
CSF_2016_NeoFeminism	Declining ▼	From 1 to 10. <b>09 Selected</b>
CSF_2016_EastEuropeUkraine	RussianUpperHand ▼	From 1 to 10. <b>09 Selected</b>
CSF_2016_Russia	GloaballyDominant ▼	From 1 to 10. <b>08 Selected</b>
CSF_2016_EU	Dismemberment ▼	From 1 to 10. <b>09 Selected</b>
CSF_2016_MiddleEast	Ravaged ▼	From 1 to 10. <b>10 Selected</b>
CSF_2016_LatinAmerica	Confusion ▼	From 1 to 10. <b>09 Selected</b>
CSF_2016_Africa_Algeria	ProblemsOverflow ▼	From 1 to 10. <b>09 Selected</b>
CSF_2016_AsiaChina	TheRise ▼	From 1 to 10. <b>08 Selected</b>
CSF_2016_WinnersAndLosers	Switzerland ▼	From 1 to 10. <b>10 Selected</b>



# Winners and losers



# A HSSC Pattern

- **This article is a part of a long series of articles related to business and societal transformation projects (BTP) that deal with the various aspects of frequent transformational changes.**
- **The implementation of such BTPs' automated HSSC 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 HSSCL constraints.
- 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.
- 
- HSSC global strategy concept
- intelligent strategies can be achieved by the application of a holistic security concept.
- HSSC and geopolitics relationship
- Anti-locked-in strategy



# HSSC underlying technology management

- Standards
- Architectural/security and geopolitical concept
- The HSSC information environment
- Resources Mapping and decision making
- Legal/regulation integration



# HSSC IT system architecture and infrastructure

- The transformation unbundling process
- The role of standards like TOGAF/SABSA
- 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 HSSC 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.**
- **Iran/Syria enters a conflict with Saudi Arabia/Egypt.**
- **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 HSSC-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 like France and India.
- The role of oil and gaz is determinant; or Russia vs. USA.
- Terrorism and religious conflicts will be the plague of the 21<sup>st</sup> century.

