

INVESTMENT MANAGEMENT - REGULATORY ECOSYSTEM

~ Mind Map ~

Regulators

ASSET MANAGERS

Traditional

Alternative

= Convergence

Regulatory, Risk, Returns

Key Regulatory Reforms for Asset Managers

Report

oversight, liability, safety

Deliver

Support + enabler of business strategy

Robust + safe infrastructure = certainty

Operational reliability + excellence

Cost Efficiency

 Sneed Innovation March 2014

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FATCA

- · Signed into law in March 2010; from Aug 2013 IRS online registration available
- From July 2014 withholding and FATCA compliant procedures must be in place

- Rationale: prevent tax evasion by US investors through non-US accounts; FDIP income is fixed, determinable, annual or periodical income sourced in US
- Foreign Financial Institutions FFI defined as holding financial assets for the accounts of others; can enter into an agreement with US authority IRS to be identified as participating PFFI; entails duty to report to US authorities any accounts held by US investors; local reporting possible where countries have signed Intergovernmental Agreement (IGA) with the US IRS
- Non-participating N-PFFIs will be subject to 30 % tax withholding of all USsourced payments such as dividends/interests paid by US corporates
- Operational challenges: to identify end-investor, to verify as US citizen through chain of intermediaries; new documentation and investor disclosure requirement towards US authorities; change of IT systems
- Applies also to "pass-through payments" including those "attributable to" withholdable payments/US sourced income resulting in a wide scope

DODD-FRANK-ACT / VOLCKER / CFTC

US comprehensive rules reforming financial services

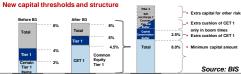
- · Signed into law in July 2010; phased implementation
- Dodd-Frank effective from July 2011; Volcker Rule phased from July 2012

- . US/non-US investment advisors need to register with the US SEC if AUM greater than USD \$100/25 million respectively attributable to US investors
- Consequence are stricter record keeping, reporting requirements, oversight and inspection on eq AUM, capital leverage ratios, counter-party credit risk exposure, trading and investment positions, valuation policies, liquidity and short selling provisions, books and records retention: Form PF for HFs
- US CFTC regulates swaps; has identified 38 areas divided into 8 sections: swap dealers, clearing, trading, data, products, enforcement, position limits, other
- Volcker Rule mandates the segregation of banking and proprietary trading and from sponsoring or investing in AI management functions; leading to spin-offs of
- proprietary trading desks, HF/PE arms by banks (UK equivalent "Vickers report") Central clearing of OTC derivatives same concept as European EMIR rules agreed by the G20 in 2009

BASEL III

- Banking: G20 -> by end 2012: EU CRD IV: US Dodd Frank Act provisions
- Insurance: EU Solvency II by 2015 similar aim as B3 for insurance sector

- De-risking/-leveraging: new global standards designed to strengthen capital and liquidity; stress testing; creating a more robust and resilient banking sector
- Systemically important financial institutions (SIFIs) to have loss absorbing capacity beyond existing standards; "living-wills" recovery & resolution plan RRP
- Higher risk weightings on derivatives; 2% against initial margin posted to the CCP; clearing members to hold capital against exposure to clients



protection, information, transparency

Investors

Expect

Distribution/Sales (How)

EXPOSURE TO COUNTERPARTIES

Investment Products (What)

Report

Returns

Track record

Reputation

EMIR

- EMIR entered into force Aug 2012; technical standards in force from March 2013
- Industry implementation phased from Jan 2013 onwards (G20 commitment)

Key Themes

Advocacy

Dimensions

Retail/HNWI/Institutiona

Risk/Return Profile

Clearing

Collateral

(Knowledge)

US/EU/Asia

(Geography)

(Expectation)

- Central clearing of OTC/ETD derivatives through a CCP similar to US Dodd-Frank; otherwise capital charges apply; need to review risk management
- Common governance standards for CCPs and pan-EU requirements for CCP interoperability regarding equities; third country CCPs need to meet new EU standards if used by EU counterparties
- Increased margin and collateral requirements: portability and eligibility of collateral not yet finalised, eg required is "highly liquid collateral"
- Operationally need to review number and type of collateral relationships with clearing brokers factoring in all risk management aspects & optimization
- Mandatory daily independent valuation and collateralisation of those trades that are not cleared through a CCP centrally
- Trade repositories: mandatory reporting of all derivative contracts

focus on new

← RISK DYNAMICS →

MiFID/R II

EXPOSURE TO INVESTORS & MARKETS

- . MiFID II Regulation & Directive proposal published in Oct 2011
- . Industry implementation targeted from 2015 or after

Key Themes

- Wider scope in 3 aspects: 1) new instruments, 2) venues, 3) activities; captured will be eg: almost any type of derivatives; organised trading facilities (OTFs), "dark pools"; high frequency / algo / auto trading activities
- Derivatives on-exchange trading (ETD): if sufficiently liquid (standardized) derivatives shall be traded on-exchange; then cleared centrally (EMIR)
- Commodity derivatives under review re efficient functioning of its hedging and price discovery purpose; potential position limits designed to support liquidity, greater investor transparency through aggregated weekly market breakdown
- Structured UCITS classified as complex products marketing impact: MiFID sales and transparency rules will apply; increased operational complexity
- Depositary: now classified as "investment advice" instead of just "ancillary service" under the EU Securities Law Legislation and consequently under MiFID increasing compliance requirements and costs

AIFMD

Level 1 Directive in force since July 2011; effective for industry from July 2013 Level 2 final delegated regulation adopted in Dec 2012, in force from July 2013

Compliance

Capitalisation

=> cost drivers

Reporting

Value Chain

Distributor

Platforms

Fiduciary

Service Providers • Fund Administrator

Middle Office

Prime Brokers

Depositary/Custodian

Independent Valuers

Professional service

Depositaries

firms eg legal/accounting

Cash Management

- Applicable: to non-UCITS funds, including hedge funds, private equity
- EU domicile: applicable if the alternative fund (AIF) or manager (AIFM) or investor is domiciled in one of the EU 28 member states or 3 EEA countries
- Passport: EU managers can apply for a passport from July 2013 (equivalent concept to UCITS); for non-EU managers from 2015, until then private placement
- Third-country / marketing rules: non-EU funds eg domiciled in Cayman, Guernsey, Jersey, Switzerland etc will require prior authorisation in EU
- Reporting obligation: regarding investment strategies, risk management, governance, remuneration: disclosure required to both, regulators and investors
- Delegation: similar to UCITS/MiFID, but aims to prevent any potential approach by service providers of "outsourcing risk or liabilities"
- Depositary liability rules outlined below: a single depositary for each AIF needs to be appointed for all non-UCITS funds; impact on fund economics

- UCITS IV in force and mostly implemented by EU 28 member states
- UCITS V proposal published in July 2012; target industry effective date end 2014

- Passport: in force for management companies
- Marketing rules / KIID: Key Investor Information Document will be further standardised + have more information on risk, calculation methodology, charges
- Master-feeder structures: a more harmonised approach across Europe may stimulate growth in cross-border pooling and mergers, but tax issues remain
- "NEWCITS": HF managers offering more UCITS products since the possible
- inclusion of derivatives tapping into new investor segments + target markets
- Depositary: new liability rules as in AIFMD expected spill over into UCITS V whereby depositaries are
- liable for the loss of financial instruments held in custody
- have the obligation to return corresponding amount without undue delay
- only following the return may prove cumulatively that the loss is a result of 1) an external event, 2) beyond its reasonable control,
- 3) the consequence was unavoidable, 4) despite efforts to the contrary

SHORT SELLING (SSR)

Timeline Adopted in Sep 2011; effective for industry from Nov 2012

- EU regs ban uncovered sovereign CDS but member states can suspend rules Covered short sales require share to be "located" & settlement can be effected.
- Ongoing duty to report net short positions to regulators (>0.2%) and publicly to
- market (>0.5%) on named basis plus for each 0.1% increase above the threshold MAD/R II

EU Market Abuse Directive / Regulation Timeline

 Proposal published in Oct 2011; possibly effective for industry from Jan 2015 **Key Themes**

 Wider scope: 1) new instruments, eq OTC & commodity derivatives; 2) markets, eg MTFs & other venues; 3) behaviours, eg attempts to manipulate the market including manipulation of any benchmark or index eg LIBOR rate-fixing



Financial Transaction Tax

- France: effective for industry from Aug 2012; other EU countries may follow EU: issued proposal in Sep 2011 for Dec 2014, pan-EU enhanced cooperation
- 0.1% for transactions in equities (& bonds; 0.01% of notional derivatives value)
- EU: potential very wide scope: all markets, all instruments, all actors in 'FTT land'