CAPITAL MARKETS

G A WALKER

## INTERNATIONAL FINANCIAL MARKETS AND INSTRUMENTS

This summaries 'International Financial Markets' Module 1 (Additional Reading)(1)MONEY MARKETS

02.		(5)	COMPLEX RISK	MANAGEMEN			(8)	сом		MARKETS				G A WALKER
SEI	PARATION	(3) (4)			URED FINANCE' STRUCTION' OF R	ISK	(7)	INSU	RANCE	ARKETS	(a) (b)	Life Non-life	•	[Assurance] [Contingent Liability]
			AND 'SECURITIS			,							-	-
		(2)			N' (COMMERICAL		(6)	GOLD	MARKET	r	London	Gold Fix		-
KE	Y TRENDS	(1)	• •	-	S-BORDER AND S			UUKI		ANNEIJ	( <i>a)</i>	3001 (b)	Forwal	rd
I			(d) (e)	Consortia Representativ	e Office (e)	(d) Securit	Risk Particip tisation (5)			ARKETS	(a)	Spot		
			(c)	Joint Venture		(c)	Participation		(c)	Sovere	ign Weal	th Funds	(c)	US Mutual Funds
			(b)	Branch		(b)	Novation		(b)	Private			(b)	Collective Investment
			<i>(a)</i>	Subsidiary	Credit Transfer		Assignment		(a)	Hedge			(a)	Pension Funds
				(e)	Trade Finance									
		(b)	Consumer Credi	it (d)	<b>Residential Mo</b>	rtgages	(4)	ALTE	RNATIVE	E INVEST	IENT MA	RKETS	<u>http://w</u>	ww.riskglossary.com
		(a)	Corporate Loans		Commercial Pro	operty	()							
-			ID LOAN MARKET	Commercial B	-		( <i>``')</i> ( <i>```i</i> )	CDSs	(-)		-		(v)	Commodities
Svn	ndicated Loa			nn Market [Inter			( <i>i</i> ) (ii)	CSSs	(u) (e)	Hybrids		63	( <i>iii)</i> (iv)	Energy
		• •	<i>T Bills</i> KING MARKETS				<i>(i)</i>	TRSs	(c) (d)	Option	s Derivativ	<i>(ii)</i>	Indice: (iii)	s Oil and Gas
		• •	<i>Convertible</i> (c)	Sale and Repu	rchase Agreemen	its (Repo	os)		(b) (a)	Futures		(1)		ial Contracts
		• •	DD Stock (b)	Treasury Bills					(a)	Swaps		<i>(</i> <b>-</b> )		
								MARI	KETS\			(ii)	Trading	g/Speculation
(ii)	War Loans	(a)	Government Gilt	ts UK CGO CR	REST [GEMMs/IDBs	s/SEMBS	j (3)	FINA	NCIAL DE	ERIVATIVI	ES	(i)	Risk C	over/Hedging
		(i)	Consuls 1752	-	Notes 1-10 and B	-	0 years]				1-7			
		GILT		<b>IGOVERNMEN</b>	T DEBT MARKETS	51	·				(v)	SIVs/Co	onduits	
		(e)	Sterling Comme	arcial Paper Ma	INEL					'CDOs'	(iii) (iv)	CBUS/C CLNs	LOs/CE	03
		(d)	Sterling Certific	-						(000-1	(ii) (iii)		BSs/MB	
		(c)	Inter Company I								(i)	-		synthetic]
		(e)	Sterling Inter-Ba		Eurodollar Marl	ket				(v)		red Fina		
		(b)	Finance House	Market			-		-	(iv)	'Conver	tibles' a	nd 'Calla	ables'
		(a)	Local Authority	Market			(disi	ntermedi	ation)	(iii)		rcial Pa	ber	
	(2)	<b>3ec</b>	ondary Money Marke	915			(e)	Euro	lollar	(i) (ii)	Bonds Notes	(Duratio	on Ladd	er)
(v)	•			• • •	lex Groups Conglo	omerates		-	sitary Re	-	<b>B</b>			1
(iv)		(c)	Clearing Banks	() = =	ercial Banks		(c)		ants and	-		(e)	CP/SCI	P/ECP
(iii)	CP	(b)	Discount House	es <i>(i) Inves</i> t	tment Banks		(b)	Equit	у			(d)	MOF[M	IOFF/MLF/BONUS]
(ii)	TBs	(a)	Bank of England	ł			(a)	Debt				(c)	MTNs	85 9mth-15 year
(i)	CDs	mon	ey market	[maturnes of	less than i year)							(#) (b)	NIFs	5-7 years >70s
(1)	Primary	Mon	ey Market	Imaturities of	less than 1 year)		(2) <b>SECU</b>	JRITIES	AND CAP	ITAL MAR	KETS	(a)	FRNs	71 10-20 years

## INTERNATIONAL LOAN FINANCE

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#### Loan Finance

## **G A WALKER**

EUR	O LOAN MARKE	T – HIST	ORICAL DEVELOPM	ENT					FACILITIES	(1)			participa	-
										(2)	Multi-	Purpose	e Faciliti	es [MOFFs]
LOA	N STRUCTURES	- (-)	Principal Amount	AGEN		Agent Le	nders(a)	Londo	n MRCF/SBF	• •	Term	/ Revolv	/ing Fac	ilities [RCF]
<b>1.</b>	Lenders	(2)	Term Duration	(a)	Partne	ership	(b)	New Y	ork	(4)		t Lines		
2.	Borrowers	(3)	Drawdown Tranche	es (b)	Secur	ity 📃	(c)	Tokyo		(5)	Title	Finance		
3.	Term Loan	(4)	Interest Fixed Floa	ť (c)	Dealin	ng/Arrangin	g (d)	Frankf	urt	(6)	Proje	ct Finan	ce	
		(5)	Repayment <i>Bullet</i>	(d)	US SE	SEA Notes	; (e)	Shang	hai	(7)	Prope	erty Fina	nce	
		/	Obligations	(e)	Consu	ımer Credit				(8)	Acqui	sition F	inance	(i) <i>Senior</i>
BOR	ROWER [AND B	OROWÉ	R'S GROUP]	ARRAM		OR LEAD B			SYNDICATE	(9)	Secu	ritisatio	n	(ii) <i>Mezzanine</i>
ì				(a)	-	re Informa				(10)		rdinated	Debt	(iii) <i>Junior</i>
				(b)	Solicit				te Doc LIABI	LITY	LIMIT	ATION		
เรรเ	UE PROCEDURE	· · /	'Mandate Letter'	SYNDI	CATIO	· ·		erality /	(1)	Theft	1	(1)	Legal	
(a)	Approach /	(2)	'Term Sheet'	PRINC	IPLES	(2		ortional/it	• • • •	Fraud	/	(2)	Nec E	kpress
(b)	Fee Letter/Quo	• •	<b>'Information Memo</b>			(3	) Equa	lity /	(3)	Neglig	jent /	(3)		uction / 'CP'
(c)	Award Mandate	• •	Procedure Subject			(4	•	ocracy	(4)	Innoc		(4)	Oral W	arranty/Repug
(d)	Solicit/Interest	· · /		ards v Sk	yways	<u>[1964]</u> (5		- / -	unction (5)	Regul		(5)	Exclus	
(e)	Instruct Solicit						(a)	, -	t Duties		ULT EF		(a)	Limited Role
	RRØWER GROU	_			ANTOR		(b)	/ -	nt Duties	.,	ıspensi		(b)	Gen Immunity
• •	<i>Comment, Nego</i>	-		Publicatio	on ]Tom	nbstone]	(c)		g Duties	• •	ancella		(c)	Specific Imm
(g)/	Conditions Pred	cedent D	locs (j)	Transfers			(d)	F	ation Duties	• •	celera		(d)	Fiduciary
/ /	Signing						(e)	/	t Duties	• •	scissio		(e)	Loss
-	N CONDITIONS	-			DEFAU		NDICATIO			I	forcem			
(1)			t Pre-Advance		-	AULT 🦯	(a) /	Credit		(g) /		ess Exp		
	()		I Documentation	(a)		ayment	(b)/	-	l Charge	(h) /		try Expa		
	. ,	-	nfirmations	(b)		cial Covena		-	Exposure	(i) /	-	oved Ter		
	(c) Secu	-		(c)		nancial Bro	.,.	-	ity   Funding	(i) /	Fee I	ncome L	L <b>B 0.5%</b> /	<i>Commit 0.75%</i>
	.,	I Opinior		(d)	-	presentatio	, ·		ification	1				
	(-)		s or other Evidence	(e)		-Default	(f)	Reputa	ation	CONT	ROLS	(1)		lent Misrep
	()		ıbsequent	(f)	Insolv	•		-				(2)		al Activity
(2)	Representat		•	a) Legal (				(g)	<b>Creditor Proc</b>	esses		(3)		ory Liability
(3)			lertaking or Promise					(h)	Control			(4)		77 / EU Regs
	• •		., .	ative Pled	ge	LOAN TR		(i)	lllegality			(5)	Misrep	Act
	W only damages		• •	Passu		.,	signment		Repudiation					
Only	y if express con		• • •	osals			ovation	(k)	<b>Material Adve</b>	erse Cha		-		
	( )	ncial Cov	renants	s 136 LPA	1925	• •	rticipatio				(a)		neduling	
	• •	mation				. ,	sk Partici		LOAN		(b)			1956/1976
	(d) Gene	rol Unda	ertakings			(e) Se	curitisatio	on	RESTRUCTUR	RING	(c)	IMF/W	B HIPC/	CACs

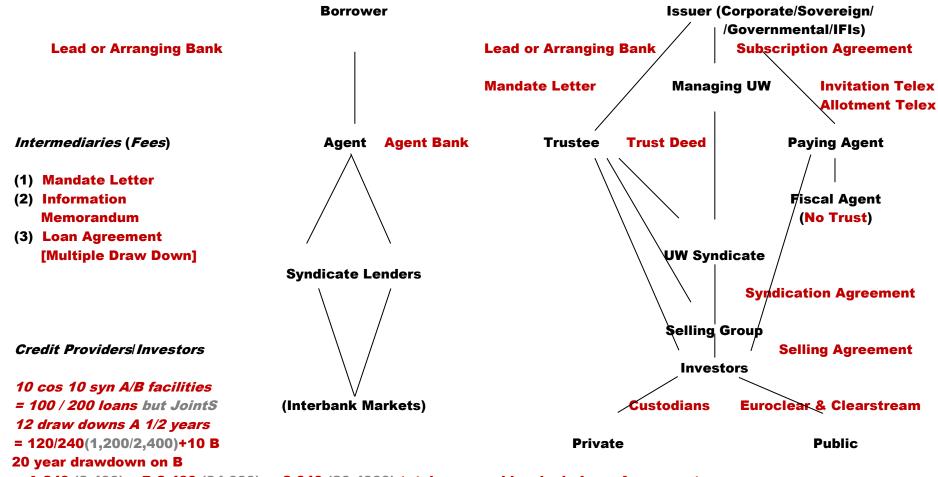
## **EUROLOAN & EUROBOND LAW**

Loan Finance

#### STRUCTURAL SUMMARY

# INTERNATIONAL SYNDICATED LOAN (EUROLOAN)

# INTERNATIONAL BOND OFFERING (EUROBOND)



= A 240 (2,400) + B 2,400 (24,000) = 2,640 (26,4000) total governed by single Loan Agreement

**G A WALKER** 

			L	Loan Finance				
	OBOND ISSUE E <i>LINE</i>		Reginning of	' 'Grey Market' u	ntil Closina	PROF G A WALKER		
			Deginning of	Grey market u				
MAR	KETING	D DAY - 7	D DAY		D-DAY +14	D-DAY+21		
		PRE-LAUNCH	LAUNCH AN	۱D	SIGNING	CLOSING		
	l or Arranging		SYNDICATIO	-		1 week after singing SA		
	Approach		Public Annou					
	al Client Request	Mandate Letter	Invitation an Allotment T		Subscription	Manager's Agreement		
(1)	pproach Private Placemen	and Due Diligence	or Fax	elex	Agreement Legal Commitment	Agency Agreement (Fiscal or Paying Agent)		
(')		ole issue and place directly.	Key terms excer	pt Coupon and Price	e	(FISCAL OF PAYING Agent)		
			(Par, Discount o		-	Underwriting Agreement		
(2)	Preliminary Prosp	ectus Offering						
		'Pathfinder' Prospectus to	test market <b>Prelir</b>	minary Offering	g Offering Circular	<b>Conditions Precedent</b>		
	with subsequent public	offering.	Circular					
					Signing Auditor's	Closing Letter		
(3)		ings UK Domestic	Subject to C		Comfort Letter	Truck Deed		
	advertisement on impac	is and announce offering by t	[1987] 2 Lloyds	V Feed Product	S LTO	Trust Deed		
	advertisement on impac	t duy.	[1907] 2 Eloyus	, hep 001		[Guarantees]		
	'Bought Deals'							
		tus with managers buy them				Listing		
		arket on dealers screen at tin				<b>_</b>		
	invitational telexes folic	ow. Managers place issue with	n clients and other dealers.			Payment		
Stru	ctures -	Instruments	-		[Common Depositary]	Global Bonds TGB		
(1)	Immobilisation	(1) Short	Dated			ponsibility Act of 1982 [TEFRA]		
(2)	Dematerialisation	n (2) Beare	<sup>,</sup> (Anonymous)			[40 Day Lockdown]		
(3)	Disintermediation	u (3) Unsec	ured (6)	Listed or Unlis	sted	Delivery global and final bonds		
(4)	Demutualisation	(4) Negot		Committed or		<b>Closing Certificate</b>		
(5)	Consolidation	(5) Witho	ding Tax Free (8)	Promissory No	otes			

**PROF G A WALKER** 

#### **INTERNATIONAL BOND FINANCE**

#### **TRUSTEE** -**CUSTODIAN EURO BOND MARKET – HISTORICAL DEVELOPMENT** BOND OPTIONS (1) Euro Bonds Plain Vanilla /Varaible **PAYING AGENT** (2) Floating Rate Notes (NTFs) **BOND STRUCTURES (1) Principal Amount FISCAL AGENT** LOAN/BOND DISTINCTION (3) **Note Issuance Facility (NIFs)** 1. Loans & Bonds (2) **Term Duration** (a) **Issue/Sale Formality** (4) Medium Term Notes (MTNs) Interest Eixed/Float BOND STRUCTURES 2. Structures (3) (b) **Doc Complexity** (5) Euronotes [Drawdown 'Taps'] 3. Issue Procedure (1) **Private Placement** (c) **Transferability** (6) **Perpetuals** Special Issues Repayment (2) **Prelim Prospectus** (d) **Credit Control** (7) Warrants 4. **(4**) 5. Form & Comment (5) (3) Impact Day Offering Convertibles **Obligations** (è) **Default/Recovery** (8) **ISSUER [ISSUER'S GROUP] PUBLIC INVESTORS** (9) **ARRANGING BANK** Equity Linked Mandate Letter (a) Appoint Parties **PRIVATE INVESTORS (10) Eurocommercial Paper (ECP)** ISSUE PROCEDURE DOCUMENTATION (b) **Certificates of Deposit (CDs)** Draft Documentation (c) / Negotiate Doc (11)**Prospectus of Offering Circular Issuer** (1) Mandate (1) (12) Multi-Purpose Facilities [MOFFs] (2) Launch \* Telex (2) Subscription Agreement Issuer & Managers (3) Documentation (3) **Underwriting Agreement** Managers & Under MARKET TRENDS MULTI-OPTION FUNDING FACILITY **Selling Agreements SELLING GROUP** (1) Short-term Multi Advance (4) Final Terms (4) (1) Immobilisation Managers' Agreement (2) **Dematerialisation** (5) Signing 7/14 Days (5) (2) Medium Term Notes (MTN) **UW SYNDICATE** (3) (6) Stabilisation (6) **Trust Deed** (3) Disintermediation **Euro & Dom Commercial Paper** (7) Allotment IPMA (7) (4) (4) **Fiscal/Agency Agreement Demutualisation Banker's Acceptances** Consolidation (5) (8) Trust Deed (8) **Global Bond (TGB)** (5) **Swingline Facility** (9) Listing Market/Trading/Liquidity 620 members | 65 countries | Swiss Verein Euroclear (JP Morgan 1968) / Clearstream (Cedel 1970) PARTIES **INSTRUMENTS** (10) Closing *TEFRA 1982* ICMA 2005 [AIBD / IPMA (1985) / ISMA] (11) Global Bond (TGB) 40 (a) Standards (d) Regulatory Éngage (1) Issuer (1) Short Dated (12) Definitive Bonds (b) Sust Finance (e) Network / (2) Investors (2) **Bearer (Anonymous)** (c) Info & Dialogue (f) **Profession Standards (3)** Arranger (3) Unsecured **BOND STRUCTURES** (a) Gilt-Edged Securities Selling Group (4) Negotiable (4) Local Authority Stocks (b) (5) Underwriters (5) Witholding Tax Free (1) UK Gilts, Stocks and Bonds (c) Public Sector Board Bonds Listed or Unlisted (6) Trustee (6) (2) US Treasury, Agency and Municipal Bonds (a) **Registered/Bearer** Payment Agent /Trust (7) **Committed or Uncommitted** (7) **Global/Permanent** Treasuries (b) (8) Fiscal Agent / (8) **Promissorv Notes** (a) (b) **US Federal Agency Securities** (c) Immobilised/Custody (9) **Guarantor (***Calculation*, *Transfer or Exchange Agent*) (c) Municipal Bonds **Dematerialised** (10) Euroclear NEGOTIATION (d) (3) Japanese Government Bonds and Debentures (c) Exchange/OTC Clearstream (1) Stabilsation (11)**German Government Bonds and Debentures** Sub-Custodians (4) (12)(2) Listing (5) **Other Government Securities** (13) (3) Negotiability Lawvers (6) **Corporate Bonds** (a) **UK Debentures and Loan Stock** (14)**Accountants/Audit** (4) **Clearing Systems** (7) **Foreign Bonds** (b) **US Corporate Bonds** (15) **Tax Experts** (5) **Governing Law** (8) **Bond Variants** Japanese Bond Market 'Samurais' (c)

#### Loan Finance HISTORICAL 1300s BOND YEILDS (Return on Bond or Coupon Payments over Life Bond) INVESTOPEDIA EURONOTE & CP (<1 year) (1) *Monte Commune* Florence (1) Underwritten / Discount (1) **Coupon Rate** Annual Coupon | Face Value (2) Annuities Habsburgs Neth (2) Issue Days / Hours (2) **Current Yield** Annual Coupon | Bond Price (3) Shares *East India* 1609 (3) Maturities Fixed 7/365 Future Cash Flows Price = Discounted Cash Flow (3) Yield to Maturity (YTM) (4) 3% Ann 1726 / Consols 1751 (4) Settle 7 / Same Day Bond Equivalent Yield (BEY) Half YTM (6 months) (4) Yield to Maturity (5) Eurobonds Auto 1 7 1963 (5) £500,000 / £100,000 Effective Annual Yield (EAY) Total Profit or Return (including Compound Returns (5) Aberdeen Harbour 1136 King David I of Scotland Autostrade 1 7 1963 (SG Warburg \$15m 5½% Guaranteed 1972/78) through Bondholder Reinvestment) **ADVANTAGES** DISADVANTAGES EUROBOND VARATIONS **FRN VARATIONS** (1) Transferability Negotiable (1) Cost (7) Step Down FRNs (1) Zero Coupon Bonds (1) Floor FRNs (2) Foreign Currency Bonds (2) Drop Lock FRNs (8) Step Up FRNs (2) Anonymity Bearer (2) Complexity (3) Flexibility Management (3) Constraint but Choice (3) Reverse Dual Currency (3) Double Drop Lock FRNs (9) Margin as a percentage FRN (4) Liquidity (4) Regulation & Taxation (4) First Coupon on Partly Paid (4) Cap FRNs (10) Floating then Zero FRNs (5) Market Volatility (5) Currency Change Bond (5) Caller (Minimax) FRNs (11) Fixed then Floating FRNs (5) Disposability Sell (6) Annuity Bonds (6) Inverse FRNs (12) Variable Rate Notes (VRNs) (13) Zero Coupon (or Deep Discount) **OPERATIONAL LOAN & BOND PROVISIONS** TERMS OF BONDS Par/Premium/Discount (14) Rolling Rate Notes (RRNs) (1) Disclosure requirements Comply Registration Obligs (1) Face of Bond 1 **Promise to Pay Bearer** (15) Bunny (or Multiplier) (2) Documentation More Complex Documents (2) Fiscal Agency or PA TD **Express Incorporation** (16) Lender's Option-Borrower's (3) Advance of funds Single Advance (Tap Issue) (3) Form & Transfer **Bearer / Pass Delivery / Full Negotiability Option (LOBO)** (17) Borrowers' Option-Lender's (4) Currency Conversion Impracticable (4) Covenants **Rare unless Trustee Unsecured & Pari Passu among Themselves** (5) Interest Fixed of Floating / No Penalty (5) Pari Passu Clause **Option (BOLO)** (6) Repayment Limited Bullet, Instal, Fund (6) Negative Pledge Limit Comparable Securities (18) Graduated Rate / Indexed (7) Voluntary prepayment **Excluded (Selection by Lot)** (7) Information Annual Accounts & Listing or Stock Exchange Docs (8) Margin protections No Increase Costs / Illegality (8) Interest (a) **Fixed Rate** Annually in Arrears (End Redeem) (b) Floating Rate Notes *Reference Agent Fix Rate (IBOR)* (9) Payments & Equality **Coupons & No Pro Rata** (9) Redemption (c) Zero Coupon **Deep Discount (30%)** (RFRate) Single Instalment Bullet (d) Possible Interest Swap (Agent of Issuer) (a) Swaps Coupons (interest), Receipts (principal), Talons (27 = 2 coupons) Instalments Fixed Periodic Instalments / Drawing (b) Limited poss Cancellation (Not Default) (c) **Purchase Funds** Purchase Agent Buy (10) Warranties Only Redeemable on Default or Withholding Tax Subscription Agreement (10) Perpetuals (11) Covenants Limited (Accts / Listing or SE) (11) Vol Redemption Sliding Premium (105% > $\frac{1}{2}$ %). Not Penalty. Select by Lot (12) Events of Default (MAC) Less Strict / Grace / No-action (12) Early Redemption Issue Redeem if Withholding Tax (or Sig Increased Liability) (13) Modifications **Consent unless BH Meetings (13) Purchase by Issuer** No Restrictions, Dist Share Purchase, Poss Re-issue, (14) Transfer (Assign / Nov) Fully Negotiable (14) Payments **Coupons, Choice if Exchange Control or Illegality** (15) Prescription Statutory **Contractual Cancellation** (15) Prescription **Statutory or Contractual (Gen 5 or 10 Years)** (16) Events of Default Generous (16) Events of Default Non-Payment, Non-Compliance, Cross-Default, Insolvency, Bankruptcy, Dissolution, Other Creditor's Processes & possibly Substantial Disposals (17) Acceleration (Consent) BH Action unless Trustee (17) Enforcement No Restriction unless by Trustee (No-action clause & powers Tr) (18) Notices & Governing Law Standard (18) Governing Law **PROF G A WALKER** Same

#### © G A WALKER **PROJECT FINANCE** indivisible investment in single purpose project asset CORE ELEMENTS **PROJECT CONCESSION, SINGLE PROJECT ASSET AND SINGLE PURPOSE PROJECT COMPANY** (1) STRUCTURES (2) LIMITED RECOURSE FINANCING WITH DEFINED SUPPORT DEVICES [SPONSORS AND OFF BS] BOT (1) (4) DMOB (3) **EXTENDED PROJECT CYCLE (below)** (2) BOL (5) BOOST (4) **RISK ASSESSMENT AND ALLOCATION - COMPLEX RISK MANAGEMENT AND CONTROL (below)** BOO **CONTRACTUAL INTEGRITY - COMPLEX DOCUMENTATION [RISKS (1)** (3) (5) **Completion Risk Permitting Risk** (2) HOST GOVERNMENT **PROJECT OFFTAKERS / SUPPLIERS** (3) Price Risk CONCESSION \_ (Purchasers and Sponsors) (4) **Recourse Risk Offtake/Sales Agreement** (5) **Operating Risks** (1) **Equity Subscriptions** Direct Agreement **Casualty Risk** (6) (2) Subordinated Debt Syndicated Loan Agreement **Technology Risk** (7) (8) **Political Risk** SHAREHOLDERS' AGREEMENT **ISSUER [SPV / SPC]** INSTITUTIONAL (9) Environmental LENDERS (10) Exchange Rate Risk (1) **Banks** (11) Interest Rate Risk (1) **Pre-Development Agreements** (2) **Multilateral Banks** Direct Agreement (12) **Insolvency Risk** (2) **Shareholders' Agreement** (3) **Export Credit Agencies RISK CONTROL** (3) **Sponsors' Agreement** CONTRACTOR SECURITY TRUSTEE (1) Security (2) **Collateral Warranties Direct Agreements Interceditor Agreement** (3) (4) Guarantees ADDITIONAL DOCUMENTATION **PROJECT SPONSORS** (Guarantees) **PROJECT MANAGEMENT COMPANY** Insurance (5) (1) Subordinated Debt (1) **Construction Contract** (1) **Feasibility Study and Info Memo** (2) **Completion Guarantees** (2) **Equipment Contracts** (2) **Independent Expert Reports** (3) **Investment or Purchase Agreements** (3) Supply Agreements (Fuel / Raw Materials) (3) **Insurance Policies** (4) **Management Guarantee** (4) **Operation and Maintenance Agreement** (4) SPV Memo/Arts **Interest Guarantee** Purchase Contracts (Forward Purchase) (5) (5) (5) **Administration Agreement** (6) **Environmental Guarantee Electricity Connection Agreements (6)** Legal Opinions (a) (b) **Steam Supply Agreements** (7) Interest Hedge Agreements ACCOUNTS (8) **Interest Hedge Agreements** (Cover Ratio) (c) **Interconnect Agreements** (telecommunications) Swap Agreement (ISDA Master) **Disbursements Account** (1) (2) Loan Proceeds Account SECURITY **Proceeds Acct/Invest** (3) **Project Products** (7) (3) **Maintenance Retention Account** (4) **Construction Contract (8) Third Party Claims** Land and Fixtures **Concession and Proceeds** (4) **Compensation Account** (1) (5) Supply / Sale Contracts (9) (5) **Credit Lines** (2) **Plant and Equipment (6)** Insurances / IP Rights (10) **Operating Agreement**

#### Loan Finance

## **PROJECT FINANCE HISTORICAL DEVELOPMENT**

**Greece and Rome** 

**Railway and Canal Construction** 

North Sea Oil Exploration 1970s

**New Infrastructure Financing** 

Licence or Concession

**Evaluation and Assessment** 

Infrastructure Construction 1980s

**Initial Identification and Preparation** 

**Construction and Equipment Contracts Performance - Construction and Completion** 

(1)

(2)

(3)

(4)

(5)

(1)

(2)

(3)

(4)

(5)

**PROJECT CYCLE** 

#### Loan Finance

#### **ADVANTAGES**

- (1) Funding and debt separation
- (2) **Sponsor Insulation**
- (3) **Off-Balance Sheet Financing**
- (4) **Project Separation /Credit Assessment**
- (5) **Credit Standing and Rating**
- **Project Security** (6)
- (7) **Taxation, Legal and Regulatory Advantage**
- (8) **Covenant Compliance**
- (9) **Investment and Expertise**
- (10) Maximum Leverage
- DOCUMENTATION

PART	IES			(1)	Sponsor Document	ation	(i)	<b>Project or Pre-Developme</b>	ent Agreements
							(ii)	Joint Venture Agreement	t
(1)	Project Vehi	cle					(iii)	Shareholders' Agreemen	t
(2)	Sponsors, S	harehold	ers and				(iv)	Sponsor/Shareholder Sup	port Agreement
	Private Equi	ty Contri	butors				(v)	Credit Support Document	ts
(3)	Host Govern	ment		(2)	Project Company D	ocs	(i)	Memorandum and Article	s of Association
(4)	Project Ban	ĸs					(ii)	Declaration of trust (if no	direct share hole
(5)	Project Cont	ractor					(iii)	Administration agreemer	nt (where appropr
(6)	Project Man	ager and	Operator	(3)	Project Documenta	tion	(i)	Concession	
(7)	Project Sup	oliers and	d Purchasers				(ii)	Feasibility Study and Info	ormation Memora
(8)	Project Advi	sors and	Experts				(iii)	<b>Construction Contract</b>	
(9)	Project Insu	rers					(iv)	Equipment Supply Contra	ncts
(10)	Multilateral	or Develo	opment Banks				(v)	<b>Operating and Maintenar</b>	ice Contract
(11)	Export Cred	it Agenci	es				(vi)	Supply Agreement	
(12)	Other Project	t Parties	ì				(vii)	Purchasing Agreements	
							(viii)	Advisors and Experts' Ag	reements
	(4)	Financ	cial Documentation		(5)	Secu	rity, Ins	urance and Credit Support	
		(i)	Project Loan Agree	ment		(i)	Secur	rity / Collateral	
		(ii)	Security Issue or Lo			(ii)	Credit	t Support	
		(iii)	Interest Rate and C	urrency	Hedges	(iii)	Insura	ances	
		(iv)	Direct Agreements	and Col	lateral Warranties	(iv)	Third	Party Rights	
		(v)	Inter-Creditor Agree	ement		(v)	Inter-	Creditor Agreements	${\mathbb O}$ g a walk

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## **DISADVANTAGE AND RISK**

- (1) **Project Complexity**
- (2) **Documentation Complexity**
- **Negotiation Delay and Cost** (3)
- (4) **Project Length and Service Costs**
- (5) **Insurance and Credit Support Costs**
- (6) **Overall Costs and Commitment**
- (11) **Political Risk Mitigation**
- (12) **Project Completion**

- holders' Agreement or/Shareholder Support Agreement **Support Documents** randum and Articles of Association ration of trust (if no direct share holding)
- istration agreement (where appropriate)
- ession
- bility Study and Information Memorandum
- ruction Contract
- ment Supply Contracts
- ting and Maintenance Contract
- y Agreement
- asing Agreements
- ors and Experts' Agreements
- and Credit Support
  - llateral
  - rt
  - ights
  - Agreements
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#### SECURITISATION (STRUCTURED RECEIVABLES FINANCING)

#### CORE ELEMENTS ASSET TRANSFER **CREDIT / LIQUIDITY** 'Over-collateralisation' (1) (1) **MARKET ADVANTAGE -**(2) SPV FUNDING **ENHANCEMENT** Share Capital and Tranches (2) (1) Capital Asset (3) SERVICING AND PROFIT EXTRACTION (3) Subordinated Loan (2) High Grade Debt (Ratings and Enhancement) (4) COLLATERAL 'First Loss' Policy (4) **Financial Guarantees** (3) Income Stream (Remove payment 'lumps') (5) **CREDIT ENHANCEMENT** Profit Extraction (5) **Surety Bonds** (4) **Adjust Payment Profile** (6) Insurance (5) **Portfolio Diversification** SECURITY TRUSTEE (7) Letters of Credit (6) **Asset Management** (8) **Reserve Fund Account** Interest Rate Cap or Swap (9) 'Finality' ('True Sale') 'Matching' (10) Credit Lines (Liquidity Risk) ORIGINATOR **ISSUER** [SPV] **INSTITUTIONAL INVESTORS** 'Servicer' > asset income [CAPITAL MARKET] < surplus 'Funding Credit or Lines' SECURITY RATING AGENCY **Off-Balance Sheet Treatment** (7) (1) Standard & Poor's (8) Tax Relief (1) **ASSIGNMENT** (2) BANKRUPTCY REMOTE (3) REGULATION (2) Moodv's 'Recharacterisation' **Capital Allowance** Fitch (9) CRAs (3) (10) **Credit Protection** (1) Ratings (1) Assets (11) **Bankruptcy Remote** (1) **Registration Risk** Re Inglefield Exfnico (2) **Capital Adequacy** Collateral (2) (3) Last Resort Funding (2) Equitable Assignment (3) Taxation Credit Enhan (12) (3) **Fixed Security US/UK (4)** Securities, Listing and CIS (4) Taxation **ASSET POOL Deposit Taking Business** (5) All Docs (5) (1) Public Company (1) **Residential Mortgage Receipts** (2) Trust DOCUMENTATION (2) **Consumer Credit Receivables** (3) Sub-participation (3) **Property Rentals** (1) Financing Agts (Loan, Bonds or Notes) **Car Rentals** LEGAL ISSUES SWAP COUNTERPARTY (2) Transfer Agreement (4) SPV Memo/Articles/Resols/Filings/Trust (5) **HP Payments** (3) (1) **Transfer (Finality)** (7) Ratings (4) Administration Agreement **PROFIT EXTRACTION** (2) Recharacterisation (8) Accountancv **Credit Enhancement Agreements** (5) (9) **Security Trust Deed** (3) **Bankruptcy Remote** Taxation (6) Matching **Offering Circular/Prospectus (Supplement)** (1) **Servicing Fees** (4) (10) Capital (7) (2) **High Yield Subordinate Debt (5) Profit Extraction** (11) Securities (8) **Programme Agreement** (3) **Dividends ('Golden Shares')** (6) Enhancement (12) Bank (9) **Agency Agreement** and Collateral (4) **Receivables Sale or Trust** Regulation (10)Swap Agreement (ISDA Master) (5) **Interest Swap**

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## SECURITISATION

HISTO	ISTORICAL		JMENT	TION		LEGA	L AND I	DOCUMENTAT	ION ISS	UES	
(1)	1930s NHA 1934	(1)	SPV	Establis	shment	(1)	Assig	nment and Tra	nsfer		
(2)	1970 MBSecs DH	UD and	GNMA	(a)	Memorandum and Articles	(2)	Re-ch	aracterisation			
(3)	1968/70s MPTSecs	GNMA a	and ARM	ls (b)	<b>Declaration of Trust SPV shares</b>		(a)	Sales and se	cured l	oans	
(4)	1977 CMOs by FH	ILB		(c)	Administration Agreement		(b)	Trusts and E	quitabl	e Assignments	
(5)	1985 SRFs wider	asset p	ools	(d)	<b>Board Resolutions</b>		(c) Fixed Charges				
				(e)	Company's Registration Forms	(3)	Bankruptcy Remote				
							(a)	Separate Inc	corporation	tion	
PART	IES	(2)	Trans	sfer Agı	reement		(b)	Non-Consoli	dation		
							(c)	Undervalue a	and Pre	ferences	
(1)	SPV	(3)	Fund		eements		(d)	Legal Transf			
(2)	Originator		(a)	Loan	or Syndicated Loan Agreement		(e)	Re-characte	risation	1	
(3)	Servicer		(b)	Pros	pectus or Offering Circular	(4)	Match	ning			
(4)	Investors		(c)		cription Agreement	(5)	Profit	Extraction			
(5)	Security Trustee		(d)	Agen	cy Agreement		(a)	Servicing Fe	es		
(6)	<b>Financial Guaranto</b>	rs	(e)		tee Agreement		(b)	Subordinate	d Debt		
(7)	Liquidity Provider		(f)		lemental Circular and Pricing Suppl		(c)	Dividends			
(8)	Funding Manager		(g)	ISDA	Master Agreement Schedule and C		on (d)	Receivables			
(9)	Investment Manage					(6)	Enhar	ncement and C	ollater	al	
(10)	Swap Counter Part	y and Gı	laranto	r			(a)	<b>Over-Collate</b>			
(11)	Arranger						(b)	Share Capita	al and S	ecurity Tranching	
(12)	Credit Rating Agen	cy (CRA	)				(c)	Subordinate	d Loan		
							(d)	Financial Gu	arantee	es	
	LATION AND	(4)	Enha	ncemei			(e)	Surety Bond	s or Ins	urance	
SECU	RITY OFFERINGS		(a)		rdinated Loan Originator and SPV		(f)	Insurance			
			(b)	Finar	ncial Guarantees		(g)	Letters of C	edit		
(1)	Asset Transfer		(c)	Lette	ers of Credit		(h)	<b>Reserve Fun</b>			
(2)	<b>Collective Investme</b>	ents	(d)	Sure	ty Bonds		(i)	Interest Rate	e Cap o	r Swap	
(3)	Financial Promotion	n	(e)		est Rate Caps or Swaps		(j)	<b>Credit Lines</b>			
(4)	Listing		(f)	Tran	ching Arrangements	(7)	Rating	gs			
(5)	Deposit-taking and		(g)		Policy	(8)	Αссοι	untancy	(a)	True sale	
	Loan Provision		(h)	Rese	rve Fund Policy	(9)	Taxat	ion	(b)	BS Treatment	
	(Consumer Credit)					(10)	-	al Adequacy	(c)	Consolidation	
		(5)	Secu	rity Tru	st Deed	(11)	Secur	ity Offerings			
						(12)	Finan	cial Crisis	©G	A WALKER	

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# SECURITISATION (STRUCTURED RECEIVABLES FINANCING)

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STRUCTURED FINANCE (SECURITISED SECURITIES) Structured Product (fixed income security with embedded derivative)

	(1) ASSET TRA	•	security with em	/ ENHANC	•	
TRUE SALE SECURITISATION CORE ELEMENTS	(2) SPV FUNDI	NG	<b>CREDIT / LIQUID</b>	I <b>7∕Y</b> (1) "	Over-collater	alisation'
MARKET ADVANTAGE -	(3) SERVICING	AND PROFIT EX	TRACTION /	/	Share Capital	and Tranches
(1) Capital Asset	(4) COLLATER	AL	'First Loss' Polic	y (3) S	Subordinated	Loan
(2) High Grade Debt (Ratings / Enhancement)	(5) CREDIT EN	HANCEMENT	Profit Extraction	(4) F	inancial Gua	rantees
(3) Income Stream (Remove payment 'lumps'	')			(5) 8	ourety Bonds	
(4) Adjust Payment Profile	<u>CD03</u> (5			(6) I	nsurance	
(5) Portfolio Diversification				(7) L	etters of Cre	dit
(6) Asset Management SYNTHETIC (Reference)	renced) <u>CDO2</u> (1	-5)		(8) F	Reserve Fund	Account
(Funded or L	Jnfunded)			(9) I	nterest Rate	Cap or Swap
SP <u>Vs (1) Credit Default Swap (CDS) &gt;</u>		<del>50)</del>		(10) 0	Credit Lines (	Liquidity Risk)
ORIGINATOR (2) Credit Linked Note (CLN) <	(note with embedd	led CDS, pay on C	LN if default)	INSTITU	TIONAL INV	ESTORS
'Servicer' > asset income	<u>SPV</u> [ISS	<u>DERI</u>			[CAPI]	FAL MARKET]
(super senior debt retained) < surplus				SECURI	TY RATING A	GENCY
(7) Off-Balance Sheet Treatment	<u>Bank</u>	SPV poss pur	chase govt debt p	ool (	(1) Standa	ard & Poor's
Tax Relief				(	2) Moody	/'s
(9) Capital Allowance Capital relief if perfec	ct hedge Bond Pool	<u> </u>		CRAs (	3) Fitch	
(10) Credit Protection			• •	atings	(1)	Assets
		<u>Inglefield</u> <u>Exfnic</u>		apital Adequa	,	Collateral
	table Assignment		(-)	axation	(3)	Credit Enhan
	d Security		• •	curities, List	-	(4) Taxation
ASSET POOL (writing, fixed amount, uncondiito			(5) De	eposit Taking	Business	(5) All Docs
(Legal or equitable assignment s 136 LPA 1925)	(1) Public Com	npany				
(1) Residential Mortgage Receipts	(2) Tryst		DOCUME	NTATION		
(2) Consumer Credit Receivables	(3) Sub-partici	pation				
(3) Property Rentals	\/		• •	nancing Agts	• •	or Notes)
(4) Car Rentals LEGAL ISSU		NTERPARTY	• • •	ansfer Agree		<b></b> .
	concentration' AIG (\$	•		PV Memo/Artic		ilings/Trust
	sfer (Finality) (7)	Ratings	( )	iministration	•	
	paracterisation (8)	Accountancy	• •	edit Enhance	-	nents
	(ruptcy Remote (9)	Taxation	( )	curity Trust I		( <b>0</b>
(2) High Yield Subordinate Debt (4) Matc	- \ ' '	-	• •	-	-	(Supplement)
	t Extraction (11)		• •	ogramme Agr		
	incement (12)			gency Agreem		( )
(5) Interest Swap and (	Collateral	Regulation	(10) Sv	wap Agreeme	nt (ISDA Mas	ter)

# SECURITISATION (STRUCTURED RECEIVABLES FINANCING)

## **COLLATERALISED SYNTHETIC OBLIGATION (CSO) Synthetic Credit Swap package with Government Bond Pool**

		(1)	ASSET TRAN	SFER		/	ENHA		ΝΤ
TRUE	SALE SECURITISATION CORE ELEMENTS	(2)	SPV FUNDING	3	CREDIT / L	IQUIDITY	(1)	'Over-c	collateralisation'
MARK	ET ADVANTAGE -	(3)	SERVICING A	ND PROFIT EX	TRACTION		(2)	Share	<b>Capital and Tranches</b>
(1)	Capital Asset	(4)	COLLATERAL		'First Loss	' Policy	(3)	Subor	dinated Loan
(2)	High Grade Debt (Ratings / Enhancement)	(5)	CREDIT ENHA	ANCEMENT 🔺	Profit Extra	action	(4)	Financ	cial Guarantees
(3)	Income Stream (Remove payment 'lumps')					/	(5)	Surety	Bonds
(4)	Adjust Payment Profile		CSO				(6)	Insura	nce
(5)	Portfolio Diversification						(7)	Letter	s of Credit
(6)	Asset Management SYNTHETIC (Refere	nced)	<u>CDO2</u> - (15)				(8)	Reserv	ve Fund Account
	(Funded or Un					_	(9)	Intere	st Rate Cap or Swap
	(1) Credit Default Swap (CDS) >		<u>CDO</u> <del>(350</del>	)	-		(10)	Credit	Lines (Liquidity Risk)
<u>ORIGI</u>	NATOR	(note v	ith embedded	l CDS, pay on C	LN if defaul	t)	INSTIT	UTION	AL INVESTORS
'Servic	cer' > asset income		SPV [ISSU	<u>88</u> ]			NOTES	5	[CAPITAL MARKET]
(super	senior debt retained) < <i>surplus</i>						SECUF	RITY RA	TING AGENCY
(7)	Off-Balance Sheet Treatment		<u>Bank</u>	SPV poss pure	chase govt o	lebt pool		(1)	Standard & Poor's
	Tax Relief							(2)	Moody's
(9)	Capital Allowance Capital relief if perfect	hedge	GOVERNME	NT <mark>FOND</mark> POOL			<b>CRA</b> s	(3)	Fitch
(10)	Credit Protection								
(11)	Bankruptcy Remote (1) Regist	ration R	isk <u><i>Re Ing</i></u>	lefield <u>Exfnic</u>	<u>o</u> COI	LATERAL	SED S	NTHET	TIC OBLIGATION
(12)	Last Resort Funding (2) Equita	ble Assi	gnment /		(1)	SPV sells	credit	protect	ion to Originator CDS
	(3) Fixed	Security			(2)	SPV sells	notes i	nto ma	rket
<b>ASSE</b>	<b>FPOOL</b> (writing, fixed amount, uncondiitona	al, notic	e to debtor)		(3)	SPV invest	st funds	in gov	ernment bond pool
(Legal	or equitable assignment s 136 LPA 1925)	(1)	Public Compa	any	(4)	Interest n	otes pa	aid CDS	premium & bonds
(1)	***Corporate Loan Pool	(2)	Tryst		(5)	Originato	r charg	e pool &	& note second charge
(2)	Consumer Credit Receivables	(3)	Sub-participa	tion	(6)	Loss Loa	n Pool p	aid sal	e of bonds or first
(3)	Property Rentals	$\sim$	V			loss by	<mark>/ note</mark> h	olders	esp first tranche 3%
(4)	Car Rentals LEGAL ISSUE		SWAP COUNT						
(5)	HP Payments Regulatory 'co	oncentra	ition' AIG (\$85	5b) and CDS	PAP	RTIES	Origin	ator	
	(1) Transf	ier (Final	lity) (7)	Ratings	(1)	Short Inve	stors h	old CDS	5
PROFI	T EXTRACTION (2) Recha	racteris	ation (8)	Accountancy	in r	eference p	ool & C	DO pay	'S
(1)	Servicing Fees (3) Bankri	uptcy Re	emote (9)	Taxation	(2)	Unfunded	Investo	ors supe	er
(2)	High Yield Subordinate Debt (4) Match	ing 📐	(10)	Capital	sen	ior tranche	e & pay	default	t i i i i i i i i i i i i i i i i i i i
(3)	Dividends ('Golden Shares') (5) Profit	Extracti	on (11)	Securities	(3)	Funded (N	otes) Ir	vestor	S
(4)	Receivables Sale or Trust (6) $\checkmark$ Enhan	cement	(12)	Bank	firs	t loss befo	re Unfu	nded	
(5)	Interest Swap and Co	ollateral		Regulation	(4)	Bond or C	ash Po	ol	

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# HEDGE FUNDS AND ALTERNATIVE INVESTMENT VEHICLES

G A WALKER US\$1.225 T END 2006 4.843T 2022/ 10,000/9000 GLOBAL FUNDS

Alfred	Winslow Jones \$	5100,0	000m 1949 Sho	ort Sale	es & Leverage								
ADVA	NTAGES			CORE	ELEMENTS	(1)	LIMIT	ED PRIV	ATE COLLECT	IVE IN	/ESTMENT VE	HICLE	
(1)	Higher Investme	ent Re	eturns			(2)	ACTIV	E INVE	STMENT MANA	GEME	NT (WITH PER	FORMA	NCE FEES)
(2)	Portfolio Risk M	anag	ement (Reduce	Portfo	olio Risk)	(3)	COMP	LEX IN\	ESTMENT ST	RATGIII	ES (SHORT / L	XEVERA	GE AND FDs)
(3)	Portfolio Diversi	ificati	on			(4)	LEGAI	L AND R		ADVAN1	「AGE ('LITE') (	CONCE	SSIONARY
(4)	Identify and Cor	rect l	Market Distorti	ons an	d Imbalances	(5)	UNPR	EDICTA	BLE MARKET	AND SO	CIAL EFFECTS	5	
(5)	Reduce Market	Volat	ility								BENE	FICIAL	TREATMENT)
(6)	Increase Market	t Liqu	idity										
(7)	Increase Market	t Info	rmation	(1)	SPONSOR <sub>(</sub>		(2)	BOARI	D OF	(8)	INVESTMEN	T ADVIS	SER
(8)	Market Efficience	сy			(GENERAL PA	RTNER	)	DIREC	TORS				
(9)	<b>Financial Engine</b>	eering	j (11)	Marke	et Return or Pro	fitabilit	у						
(10)	<b>Financial Innova</b>	ation	(12)	Ultima	ate Market Sta	bility							
							(5)	CUSTO	DDIAN				
(3)	PRIVATE				HEDG	E FUND				(9)	INVESTMEN	T MANA	GER
	INVESTORS												
(4)	US FUND		<b>OFFSHORE FU</b>	JND	UK FU	IND							
	Limited Partners	ship											
(1)	ICA 1940 3(c)(1)	)	(1) 100 invest	ors or	(1)	FSMA	(6)		SITRATOR	(10)	PRIME BROP	(ER	
(2)	ICA 1940 3(c)(7)	)	(2) 'qualified p	ourchas	sers' 5/25m (2)	FSA D	ocs						
(3)	SE 33 4(2) & Re	g D	(3) 'private pla	acemei	nt' (3)	Takeo	ver Par	iel					
(4)	SEA 34 s12		(5) 499 partic	ipants :	avoid regtn (4)	HM RC	lnterp	retatior	IS				
(5)	IAA (SEC 2006)		(3) 14 'clients	' 203(b	)(3) <i>Goldstein</i>		(7)	REGIS	TRAR AND	(11)	TRANSACTI	ON BRO	KER
STRA	TEGIES		REGUI	ATOR	Y DIFFICULTIE	S		TRANS	SFER AGENT		(CLEARING	BROKEI	२)
								$\sim$					
(1)	Market Neutral			(1)	<b>Regulatory O</b>	mission	and Av	oidance	e (Cross-Borde	r Acces	s, Cooperatio	n and C	oordination)
(2)	<b>Global Macro</b>	(1)	Convertible	(2)	Complex Inve	estment	Strateg	gies, Le <sup>.</sup>	verage and La	ck Tran	sparency and	Unders	tanding
(3)	<b>Event Driven</b>	(2)	<b>Fixed Income</b>	(3)	Aggressive M	arket P	ositions	5		(12)	AUDITOR	(13)	MARKET OR
(4)	Directional	(3)	Risk	(4)	Market Distor	rtion (Co	ommodi	ity and (	0il Markets)		1	мо	NEY MANAGER
(5)	Arbitrage	(4)	Statistical	(5)	Market Conce	entratio	n (Coun	iterpart	y Risk)				
(6)	Long/Short	(5)	Derivative	(6)	Market Herdi	ng and '	Crowde	ed Trade	es'				
(7)	Short Bias			(7)	Conflicts of l	nterest				(14)	LEGAL ADVI	SER	
(8)	Emerging Marke	ets		(8)	Market Abuse	and In	sider T	rading	(Mark	et Cont	agion, Crisis a	nd Sup	port)
(9)	Managed Future			(9)	<b>Operational/S</b>	ettleme	ent Risk	( <b>11</b> )	<b>Cross Sector</b>	Loss T	ransfer and In	tra-Mari	ket Contagion
(10)	Fund of Funds			(10)	<b>Closure and W</b>	Vinding	up	(12)	National, Reg	jional a	nd Global Syst	temic R	isk

## **HEDGE FUND TREATMENT**

#### Loan Finance

## HEDGE FUND CRISES

(1)	US PWG 2007 / 9	SEC 200	)3					and L	.oss Confidenc	e (1)	LCTM \$5-1b (3-5b)
(2)	UK august 2002	/ March	n 2003 / J	June 20	05 / Ma	arch 2006 <b>FSA 2005</b>	(1)	*Market Disi	ruption	(2)	AMARANTH <mark>\$9/6b</mark>
(3)	INTERNATIONAL	(1)	FSF	2000	(1)	Counterparty	(2)	Liquidity Dis	ruption	(3)	PHILLIPE JABRE
		(2)	IOSCO	06/07	(2)	Risk Management	(3)	Info and Reg	ulatory Action	(4)	LOSS / £750,000
(a)	German BaFin 2003	(3)	BASEL	2001	(3)	<b>Credit Providers</b>	(4)	*Control and	l	(5)	FRAUD
(b)	Australia FSRA 200	1 (4)	CRMP	G 2005	(4)	Capital Adequacy	(5)	Operational	Risk		dp 16
(c)	Canada 2007	(5)	MFA/A	IMA	(5)	Industry Progress	(6)	Risk Manage	ement UKFS	SA (1)	* Hedge Funds 2002
(d)	Italy 2003/2005		2005/2	2002	(6)	Infrastructure	(7)	*Miss-Valuat	tion	(2)	Feedback 2003
(e)	<b>Rating Agencies 20</b>	06			(7)	HLI Disclosure	(8)	*Market Abu	se	(3)	Prime Brokers 2004
(f)	Wyman 2006	(i)	DNB 2	2005/07	(8)	<b>Disclosure Practice</b>	(9)	Fraud	dp 0	5/4(4)	* Engagement 2005
(g)	Deloitte 2007	<i>(i)</i>	<b>APRA</b>	2007	(9)	Surveillance	(10)	Money Laun	dering dp 04	5/3(5)	<b>Retail Products 2005</b>
( <i>h</i> )	ComBancaire 2007	(k)	OSFI 2	2006	(10)	FX guidelines	(11)	<b>Conflicts Int</b>	erest fs 06	6/2 (6)	* Engagement 2006
							(12)	*Retailisatio	n	(7)	Managers Impact 2006
(4)	COMMONWEALTH		FSF	2007	(1)	Core Intermediary Ri	isk Mar	nagement	fs 06	6/3 (8)	<b>Retail Products 2006</b>
				(2)	Stren	gthen Core Intermedia	ry Mar	ket Liquidity			
(5)	EU ECB report 2	2005			(3)	<b>Consolidated Counte</b>	erparty	Data Collectio	n		
	ESCB report	2005 (I	arge exp	osures	) (4)	Enhance Market Disc	cipline				
	AIFMD 2011/	61/EU			(5)	<b>Review and Enhance</b>	e Globa	I Industry Stan	dards		
REG	ULATORY CONCERN [F	SF 200	7]	REGU	LATOR	Y CHALLENGE		REGU	JLATORY RESI	PONSE	"focus hlis, pbs and cis
	_		-						(with e	enhance	oversight and guidance)
(1)	Expansion of Fund A	Activity		(1)	Regu	atory Omission		(1)	Intermediate	e and M	arket Based Response
(2)	Core Intermediary K	key Role	e	(2)	Lack	Transparency and Und	lerstan	ding (2)	Counterpart	y Risk N	Management & Oversight
(3)	<b>Market and Product</b>	Comple	exity	(3)	Risk	Management		(3)	Risk Manage	ement (	capital & credit providers)
(4)	Direct and Indirect	Systemi	ic Risk	(4)	Mark	et Liquidity		(4)	Concentratio	on, Leve	erage and Conduct Guides
(5)	Significant Indirect	Exposu	res	(5)	Mark	et Concentration and H	lerding	(5)			Valuation Rules
(6)	Erosion of Counterp	arty Dis	scipline	(6)	Mark	et Linkage and Distorti	on	(6)	Disclosure a	nd Trar	nsparency (open access)
				(7)	Confl	icts of Interest and Fra	nud	(7)	<b>Financial Pr</b>	omotior	n and Retail Protection
(1)	Greater Risk Taking	1		(8)	Mark	et Abuse, Insider Tradi	ng and	• •	<b>Conflicts of</b>	Interest	t, Fees and Preference
(2)	Increased Complexi			(9)		ational/Settlement Risk	-	• •			der Dealing] Fraud and ML
(3)	Uncertain Correlation	-	latilities		-	re and Winding-up	-	(10)		-	ring and Settlement]
(4)	Revenue Linkage ar			(11)		Transfer and Contagio	n	(11)		-	ation and Coordination
(5)	HLI Liquidity Impac		-	(12)		mic Risk		(12)	Market Supp	-	[FSF AIM Committee]
(6)	Information Uncerta			. ,	•			. ,	[EU MoU]		- HFs, SF and EF]
(-)	Increased Market M	-									-, 1

(6) Information Uncertainty if Stress
(7) Increased Market Making Concentration

## **PRIVATE EQUITY FINANCE**

**G A WALKER [2007]** 

(1)	MEMBERS/SHAREHOLDERS							(7)	ADVIS		TEE	(a) <i>Pension</i> (b) <i>Insuranc</i> (c) <i>Endow</i> / <i>F</i>	
(2)	FUND MANAG	ER [F	SA regulated]	(3)	EXECL	JTIVES					(6)(a)	()	
	[English Limite		- • •									(d) Banks al	
	or Private Lim	ited C	ompany (PLC)]	<b>SPON</b>	SORS'						(6)(b)		
						I						(e) <i>Individua</i>	-
(4)	GENERAL PAR		-	(5)					(6)	LIMITED PAR	TNERS	(6)(c) NON-US	INVESTORS
I	[English Limite		npany]			NER [Carry \	_						
	(Unlimited Lia	bility)			10% C	GT IR LOU 1	987/200	3/Taper F	Relief > <sup>°</sup>	%40-10, 2 year	s 2002	SECONDARY PI	E MARKET]
PE MA	RKET									FUND_STRUC	UTRES	i	
						I				(limited partn	nership	unregulated CIS s	: 235 FSMA)
(1)	80b 1983-2007	7 / 29,0	000 deals	(8)	PRIVA		FUND [LI	PA 2007]	(1)	<b>Onshore limit</b>	ed part	tnerships [l	_PA 2007]
(2)	8% work force	e / 19%	þ						(2)	Offshore limit	ted par	tnerships	
(3)	1500 deals PA	1				I			(3)	UK quoted pr	ivate in	nvestment trusts	[PITS]
(4)	£3.3b fees 200	)5 UK	7% turnover	(9)	[NOMI	NEE]			(4)	UK quoted ve	enture c	capital trusts	[VCTs]
(5)	UK lower 27>1	15% bı	ut bigger deals						(5)	Offshore tax	exempt	t corporate entitie	S
	(10)		STMENT		STMENT		ESTMEN	т		TMENT	<b>FINVE</b>	STEE COMPANY]	
		(a)	PE Market <i>(gi</i>				LUTINEN				(j)	-	PIKs']
FRIVA		• •	PE Structure	00000	(a)	Funding		(11)				Pay-in-kind Loar	_
(a)	Management	• •	PE Parties		(a) (b)	distribution	n	(,,,,)	[equit		(h)	Mezzanine Debt	
(u) (b)	Investors (PE)	• •	PE Advantage	Risk	(c) (c)	Transforma			Lodau	<b>71</b>	(n) (g)	Tranche C	
(c)	Share Sale	(e)	PE Response		(d)	Re-financin		(12)	HOLD			Bridge Loans	
(d)	Trade Sale	• •	ncial Ratios]		(e)	Exit	.9	(/	[Debt]		(e)	Second Lien Del	ot
(e)	Company List	-	[PLACEMENT	AGEN					[=]		(d)	Tranche B	
(-)	<b>jj</b>		L		(15)	BANK		(13)	OPER	ATING ENTITY	. ,	High Yield Bond	s
(14)	LEVERAGE FI		E SYNDICATE		()			(10)		or Debt]	(b)	Other Senior De	
()			FEES	(a)	Priorit	y Profit <mark>1-2</mark> %	<mark>6</mark> (a)	Equity	-		(a)	Tranche - A Sen	
			('abort' fees)	(b)	Succe	-	-1% (b)			· Loans' (hybrid	. ,		
(16)	BRIDGE FINAN	ICE S		(c)		oring Fees	(c)	-				incipal) Debt (colla	nteral)
/			-	(d)		e and Bonus			-	Debt (collecti	-		-
	[10% of 20% a	nfter 'h	<i>urdle'</i> / 80% co]			mance (Carr	• • •			•	-	ayment with roll-or	/er/]

## **PRIVATE EQUITY STRUCTURE**

#### Loan Finance

(1)	FUNDING [PRIVATE POOL	] (1)	Private	e capita	l pool	'PE MODEL'	(a)	Non-qu	loted co mediu	m/long term capital
(2)	ACQUSITION [DISTRIBUTI	ON] (2)	Used a	ncquisit	ion interest in non-quo	oted co	(b)	Private	e equity capital	l (from PE fund)
(3)	ENGAGEMENT [RE-FINAN	<b>CING] (3)</b>	Object	ive gen	erate increased grow	th/performance		Bank d	lebt (which the	n further distributed)
(4)	TRANSFORMATION	(4)	Contin	uing ac	tive involvement and	poss refinancin	g (d)	Transf	ormation	
(5)	DISPOSAL [EXIT]	(5)	But wi	th view	longer term disposal	rather than	(e)	Exit		
					perma	nent relationsh	ip with	target	co	
PRIV	ATE EQUITY IMPORTANCE [	FSA Trend	s]	VIABIL	ITY AND PROPFITABI	LITY	FINAN	CIAL R	ATIOS	
(1)	Significant growth			(1)	Economic environme	nt	(1)	Purcha	ase price / EBI1	<b>DA</b>
(2)	Leveraged finance increas	e		(2)	Political environment	t (2)	Debt /	equity		
(3)	Extend reach private equi	ty		(3)	<b>Commercial environn</b>	nent	(3)	Debt /	EBITDA	
(4)	Availability Secondary ma	rkets		(4)	Merges and acquisiti	ons	(4)	EBITD	A / cash interes	st
(5)	Equity market shrinkage			(5)	Market environment		(5)	EBITD	A / maintenanc	e capex
(6)	Lack understanding mode	ls and risk	Ĩ	(6)	Legal environment		(6)	EBITD	A / capex	
				(7)	Regulatory environme	ent				
PRIV	ATE EQUITY ADVANTAGE			PRIVA	TE EQUITY DISADVAN	ITAGE	PRIVA	TE EQU	ITY REGULATI	ON
	(lower cost of capital)				FSA 4.13-22					
(1)	Capital (Start-up and inves	stment)	TC26	(1)	Excessive <u>Leverage</u>	TC(5)	(1)	Levera	ige [monitor an	d capital cover]
(2)	Committed Investment (St	ability)	TC21	(2)	Market Opaqueness	4.67-73	(2)	Transp	parency and Dis	sclosure [Walker]
(3)	Engagement (PE risk) <i>OW</i>	NERSHIP	TC17	(3)	Ownership Economic	Risk <i>4.23-28</i>	(3)	Data C	ollection Revie	ew/Coop
(4)	<b>Reduced Service Costs/ U</b>	nsecured l	Lending	<b>a (4)</b>	Asset Withdrawal ('st	tripping')	(4)	Corpo	rate Governanc	e [strengthen]
(5)	Management Incentive an	d Efficienc	y TC25	5 (5)	<b>Excessive Reward (ta</b>	ax distortion)	(5)	Taxati	on Review (ca	rry interest)
(6)	Regulatory Burden		TC24	(6)	<b>Company and Shareh</b>	older Loss	(6)	Compa	any Law Review	v [PLCs]
(7)	<b>Business Performance and</b>	l Growth		(7)	<b>Employment/Pension</b>	Loss TC29/30	(7)	Emplo	yment Protecti	on
(8)	Shareholder Value and Re	turn	FSA	(8)	Market <u>Efficiency</u>	4.29-42	(8)	Pensio	n Protection [s	segregation]
(9)	Employee Development	TC29	FSA	(9)	Market Access	4.62-66	(9)	Retail	Review	
(10)	Market Efficiency (Corpora	ate Contro	I)	(10)	<u>Market Abuse</u>	<i>4.43-57</i> TC36	(10)	Marke	t Abuse	[FSA]
(11)	Capital Investment Marke	t Growth (	AIM)	(11)	Conflicts of Interest	<i>4.59-61</i> TC37	(11)	Conflic	ts of Interest	[FSA]
(12)	Wealth Generation (Taxat	on/Employ	/ment)	(12)	Financial Stability	FSA 4.3-5	(12)	Stabili	ty Review	[FLR] [LLR]
INVE	STMENT AREAS (a) (b) <i>'Mega BO'</i>	'Buy O	ut'	FSA PI	E 2005 / DP 06/6 Nov 2	006		PARTI	ES AND CAPITA	AL
(1)	Family and private (c)	Ventur	e	(1)	Excessive <u>leverage</u>			(1)	Equity capital	l providers
(2)	Foreign parent			(2)	Unclear <u>ownership</u> of	f economic risk	ĩ	(2)	Debt capital p	providers
(3)	Local parent (6) Sec	ondary buy	/out	(3)	<b>Reduction of market</b>	<u>efficiency</u>		(3)	Service provid	ders
(4)	Public to private (7) Reta	ail/Public G	Quity	(4)	<u>Market</u> abuse					
(5)	Receivership (8) Ven	ture		(5)	<u>Conflicts of interest</u>	(6) Market	t <u>Trans</u>	barency	and Opacity	[Market Access]