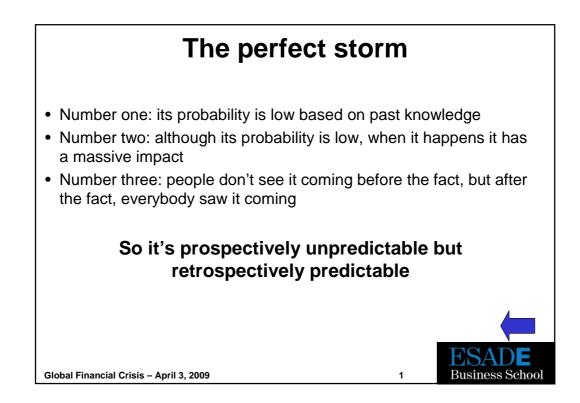
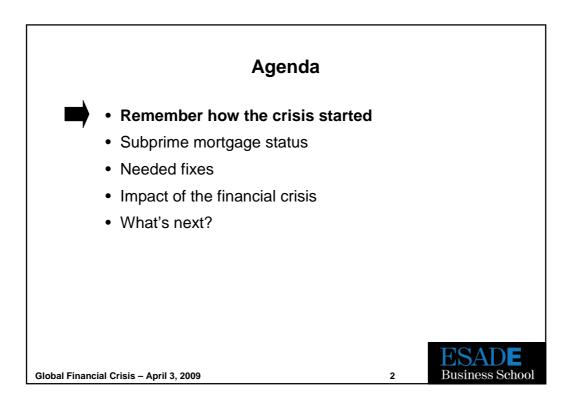
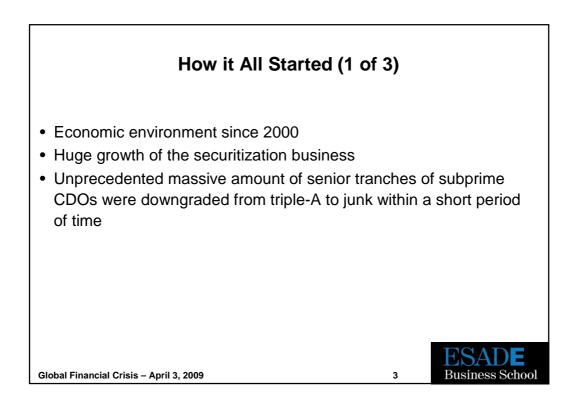


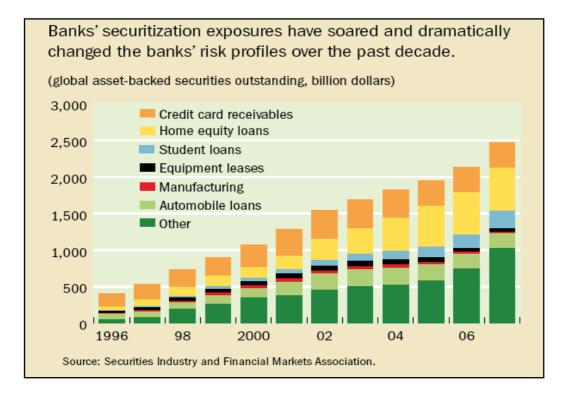
Global Financial Crisis

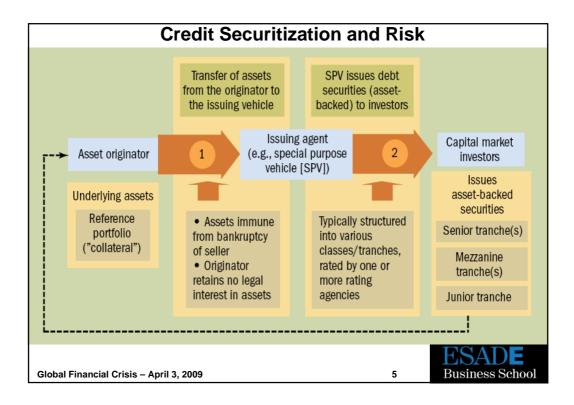
Madrid April 3, 2009

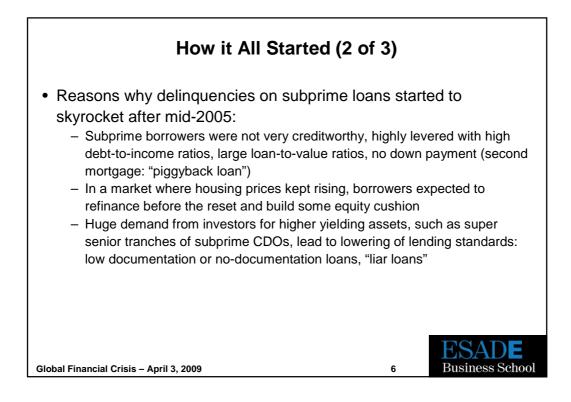


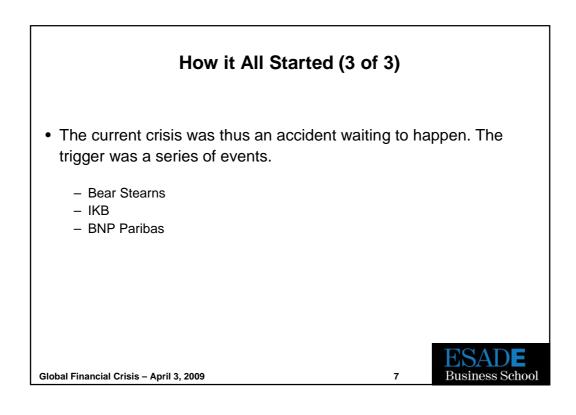


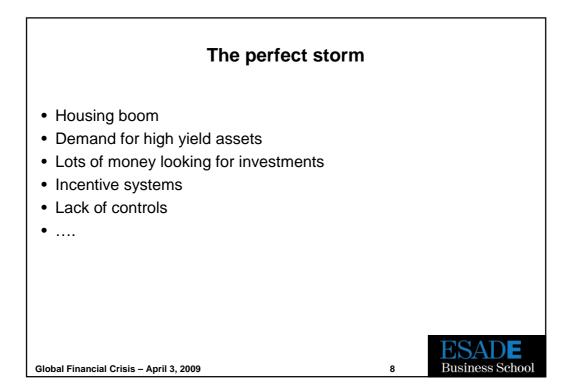


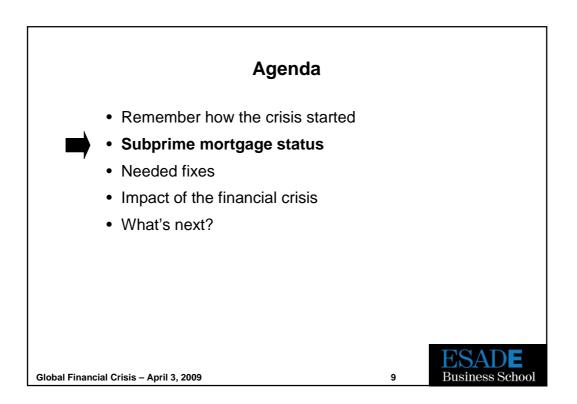


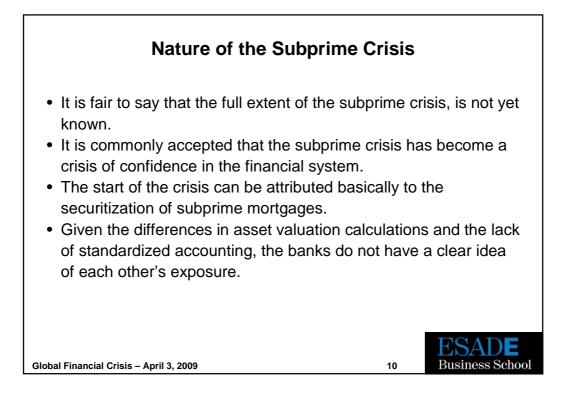


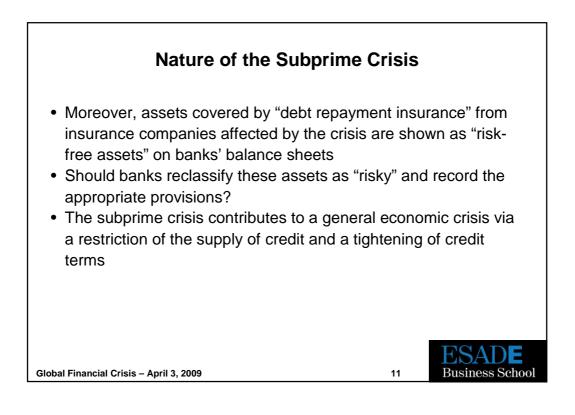










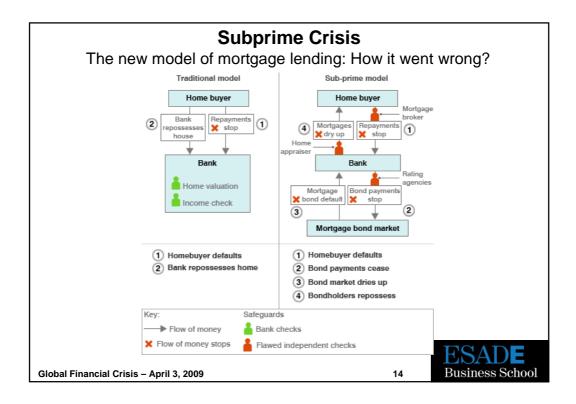


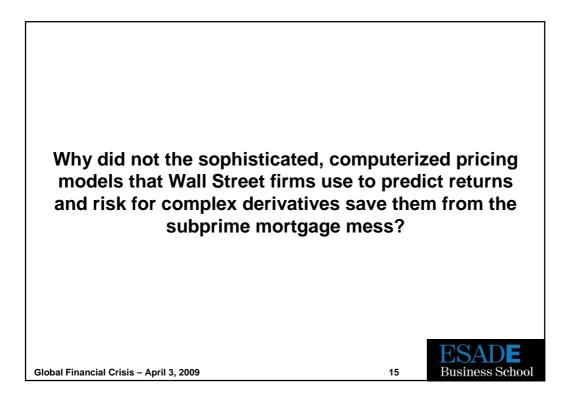
Subprime Crisis The subprime mortgage crisis generated in the US has originated a drastic fall of the property prices, a ralentization of the economy, and billions of \$ of losses to the global financial institutions. It has its origin in the fundamental change of the model used to generate mortgage loans

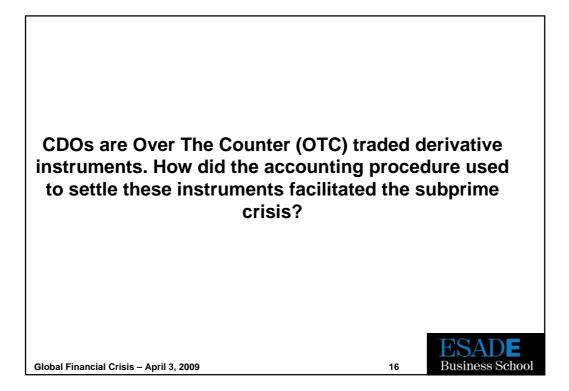
Global Financial Crisis – April 3, 2009

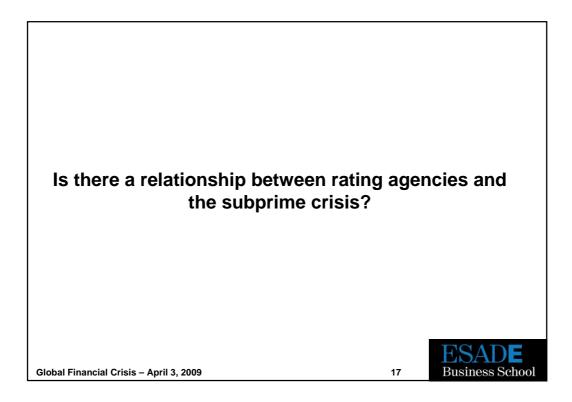
12 Business School

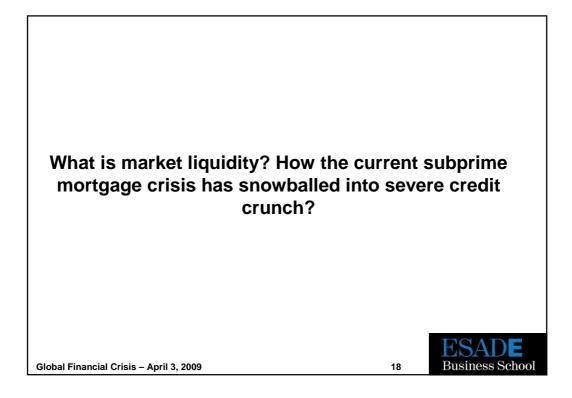
Subprime Crisis The new model of mortgage lending Traditional model Sub-prime model Home buyer Home buve ortgag Repayn ents (2) $(\mathbf{1})$ (2) 3 Bank Ban Home valuation 4 📥 Income check Mortgage bond market 1 Bank grants mortgage Bank sells mortgage bond Bank grants mortgage (2) Homebuyer pays bank 3 Homebuyer pays bank (4) Bank pays bondholders Key Safeguards Flow of money Bank checks Independent checks Global Financial Crisis – April 3, 2009 13 **Business School**

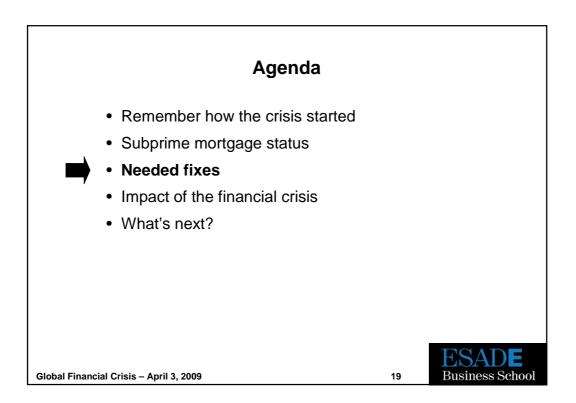


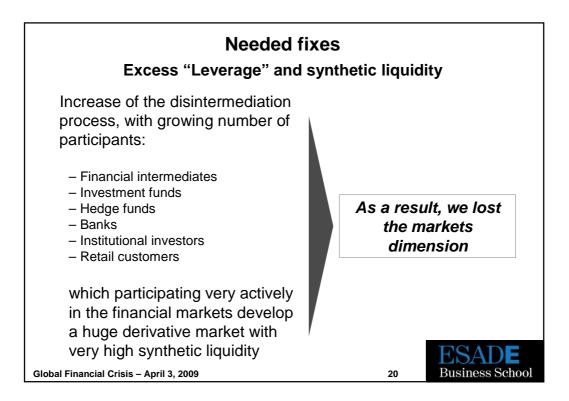


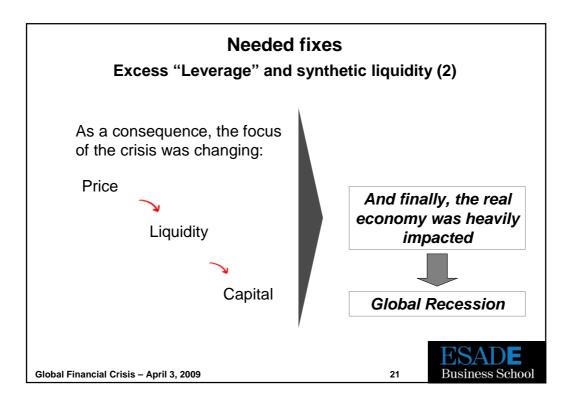


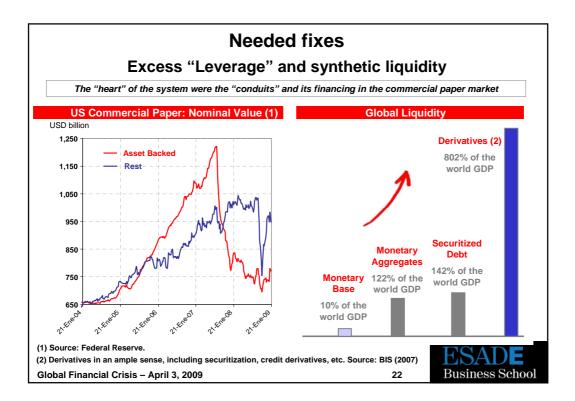




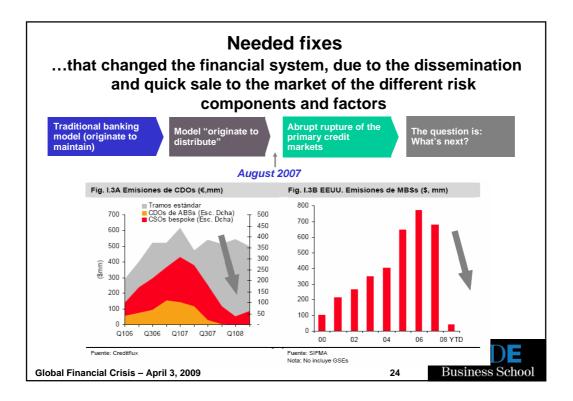


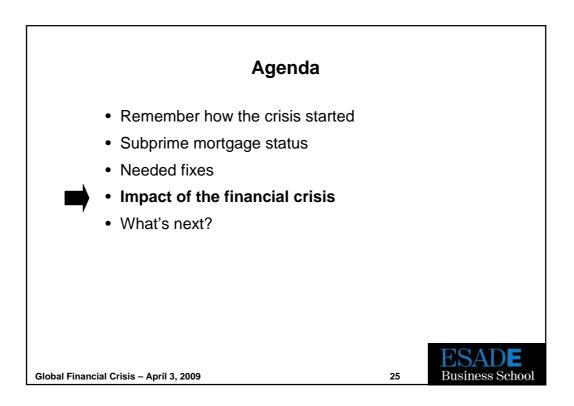


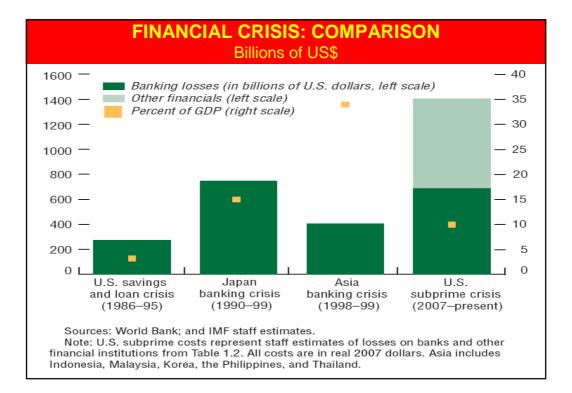




Needed fixes Financial structures				
Credit Risk Transfer Instruments (CRT)				
Credit Derivatives				
ABS: Asset Backed Securities				
MBS: Mortgage Backed Securities				
CMO: Collateralized Mortgage Obligations	Þ	Securitizations		
CDO: Collateralized Debt Obligations		of several asset type credit products, bor	es: mortgages, other nds, etc.	
CBO: Collateralized Bond Obligations				
CLO: Collateralized Loan Obligations				
Debt Repayment Insurance	€	Insuring cre	dit risk	
CDS: Credit Default Swaps		-	ESADE	
Global Financial Crisis – April 3, 2009		23	Business School	

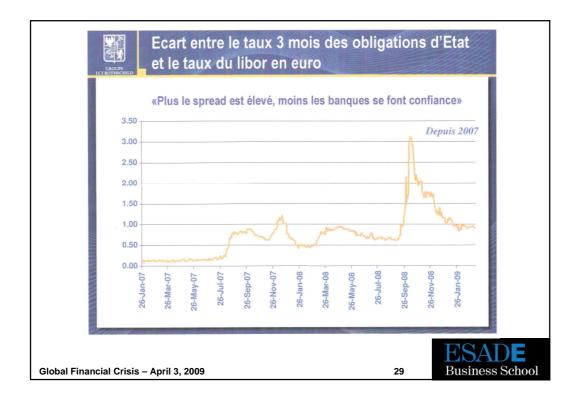


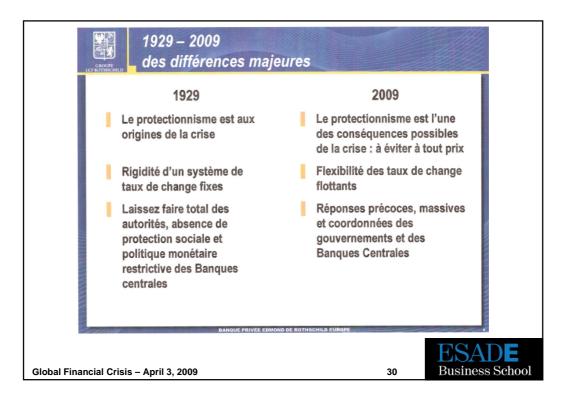


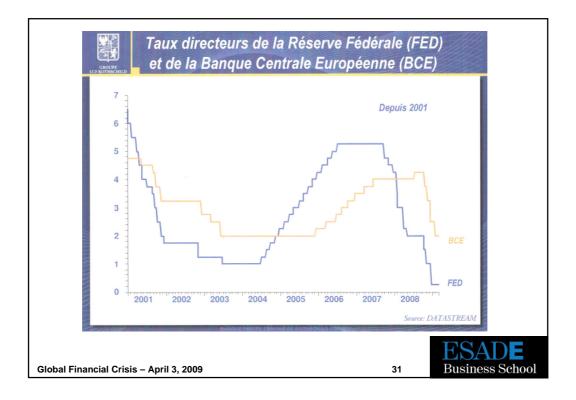


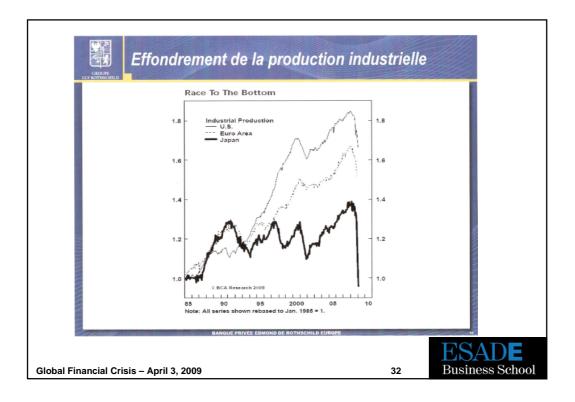
	Subprime Losses	Capital Raised		Subprime Losses	Capital Raised
Wachovia	96,500	11,000	Lehman Brothers	16,200	13,900
Citigroup	85,100	113,800	Credit Suisse	14,100	11,900
Merrill Lynch	55,900	29,900	Deutsche Bank	12,200	5,900
UBS	48,600	33,000	HBOS*	9,100	22,800
Washington Mutual	45,600	12,100	Société Generale	7,900	10,900
HSBC*	33,100	4,900	Barclays*	6,400	27,200
BoA	40,200	58,500	BNP Paribas	5,600	3,400
JP Morgan	29,500	44,700	Goldman Sachs	7,100	20,500
Morgan Stanley	21,500	24,600	Unicredit	4,100	9,900
RBOS*	14,900	49,300	Others	204,200	249,000
Wells Fargo	14,600	41,800	Total	772,400	799,000
5 total, approxim helps are not included (i in the order of US\$ 118,	.e. US Treasu				

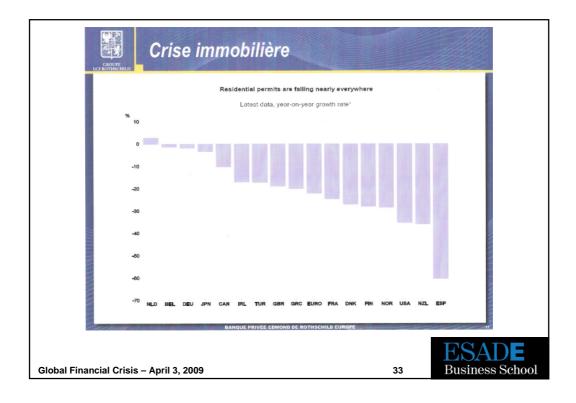
IMF Predicts a Global Economic Recession						
 Global economic activity is falling, with advanced economies registering their sharpest declines in the post-war era 						
Hard times The IMF's March 2009 projections show a contraction in world growth this year, followed by a small recovery. (percent change, unless otherwise noted)						
	Proj.					
		2008	2009	2010		
	World output Advanced economies United States Euro area Japan	3.2 0.8 1.1 0.9	-1.0 to -0.5 -3.5 to -3.0	1.5 to 2.5 0.0 to 0.5 0.2		
	Emerging and developing economies	6.1	1.5 to 2.5	3.5 to 4.5		
• Central a	Source: IMF. and Eastern Europe and	the (Common	wealth of		
Independent States are the most adversely affected Source: IMF – Global Economic Policies and Prospects, March 19-2009						
Global Financial Crisis – April 3, 200928Business School						

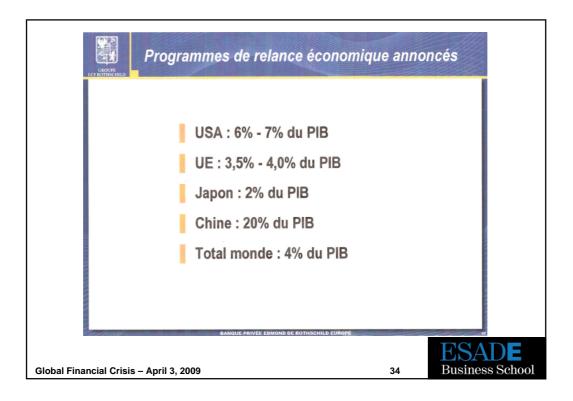


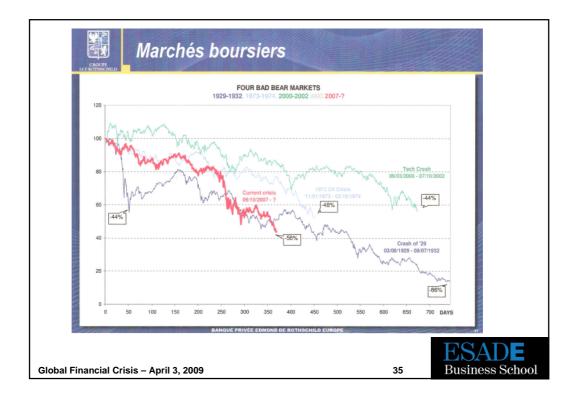


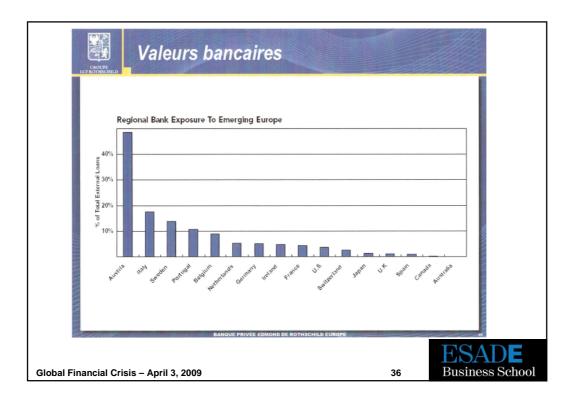


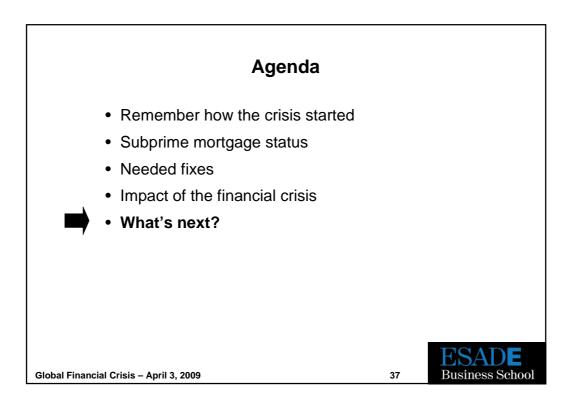


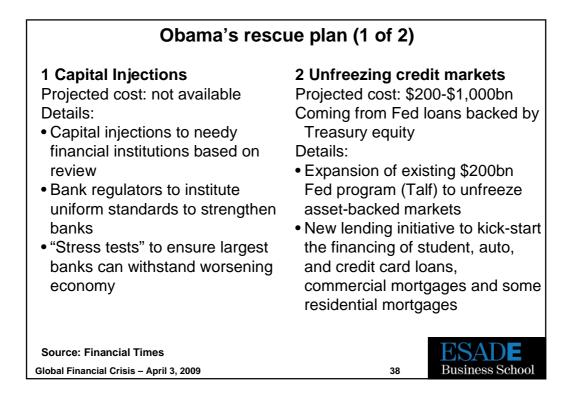




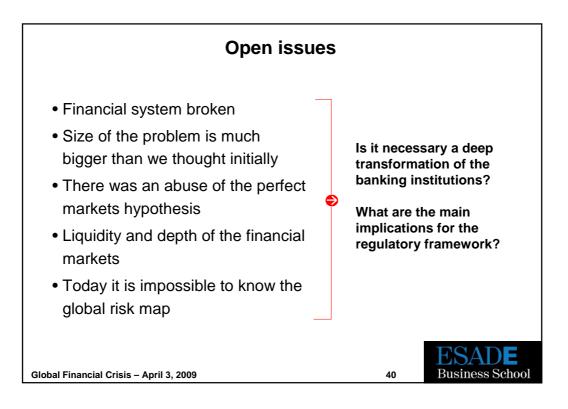


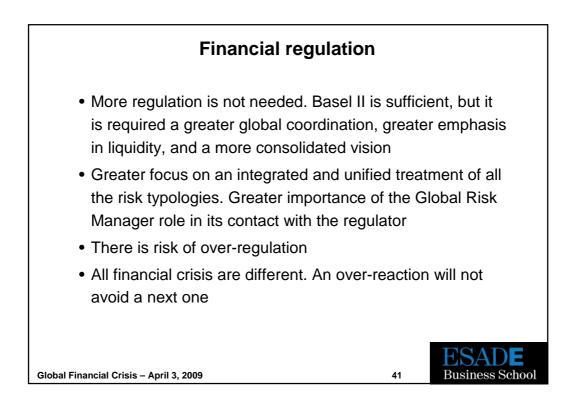


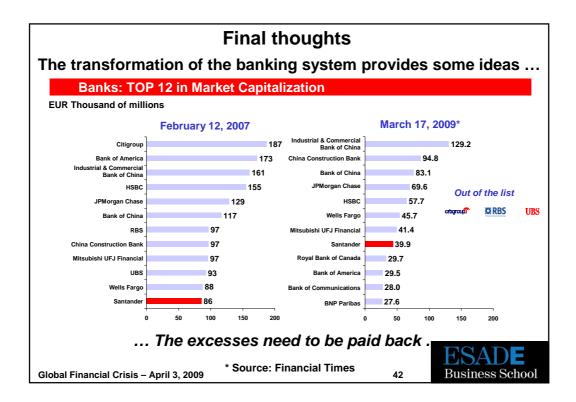




Obama's rescue plan (2 of 2)					
 3 Toxic assets Projected cost: Up to \$1,000bn Coming from Fed balance sheet, Treasury, FDIC, private investors Details: Public-private investment fund will provide government financing to leverage private capital to purchase toxic assets from banks Private sector buyers to determine price for previously illiquid assets, valuation details not yet worked out Possible guarantees from FDIC to limit losses for investors who purchase toxic assets 	 4 Foreclosure relief Projected cost: \$50bn Coming from Treasury and Fed Details: Investment to keep people in homes and curb housing crisis Program to reduce monthly mortgage payments and establish loan modification guidelines 				
Source: Financial Times Global Financial Crisis – April 3, 2009	39 ESADE Business School				







B	Back to growth			
	US	EC		
Stock Markets	2009	2010		
Housing & Consumption	2010	2011		
Global Financial Crisis – April 3, 2009 43 ESADE Business School				