











3







DERIVATIVES, HEDGING AND RISK MANAGEMENT											
<u>Swap p</u>	payoff exa	ample	<u>!</u>								
5y swap	, «A» pays	EURIBC	0R1y+10	)0bps, «	B» pay	s 1.5%, o	n a 1 mln	€ notional			
		2017	2018	2019	2020	2021					
Results:	_										
			VA	RIABLE		FIXED		Net (for «A»)			
	2017		9.000			15.000		+6.000			
	2018		8.0	8.000		15.000		+7.000			
	2019	2019		10.000		15.000		+5.000			
	2020 2021		15.	000		15.000		0			
			20.	000		15.000		-5.000			
									_		
											1

## **D**ERIVATIVES, HEDGING AND RISK MANAGEMENT

## Credit derivatives

- OTC in large denominations
- Protection buyers pay a premium (usually periodic) to the seller
- Seller pays the notional to the buyer in case of a credit event (default, rating downgrade, ...) of a reference entity
- Total return swaps (TRS) similar to swaps: they exchange a given (variable/fixed) rate with the return and capital gain of a reference asset (so, they transfer credit *and* market risks)
- *Credit-default-swap* (CDS) differ: *sellers* pays only if the credit event occurs, receiving a premium meanwhile
- *Credit-linked note (CLN)*: structured bonds with the option, triggered by credit events, to receive lower coupons, a recovery value or similar features

11