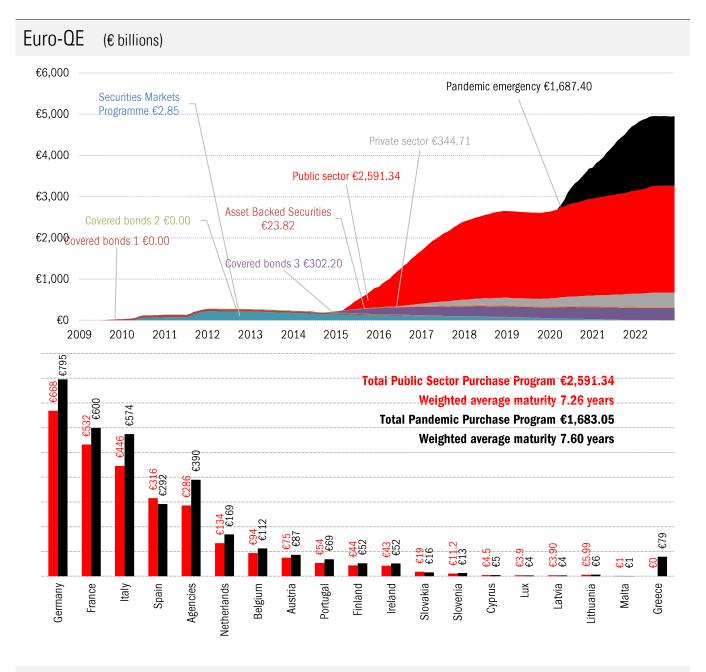


Trend Macrolytics, LLC Donald Luskin, Chief Investment Officer Thomas Demas, Managing Director Michael Warren, Energy Strategist

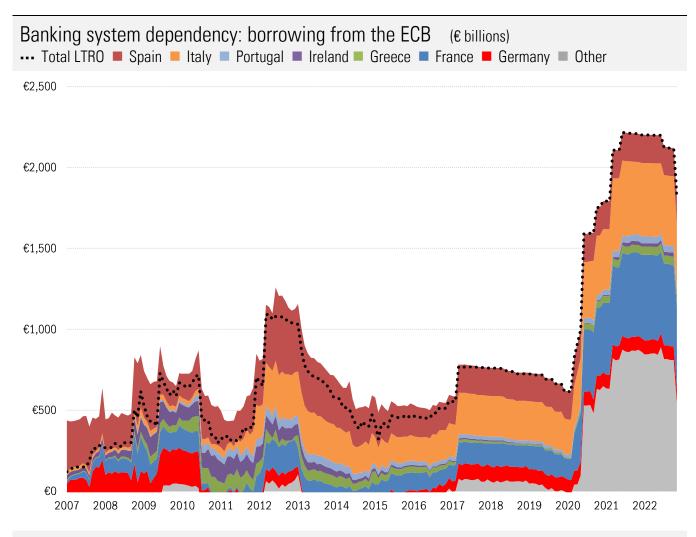
#### Data Insights: ECB and Euro Area Economy Monitor

Thursday, December 15, 2022

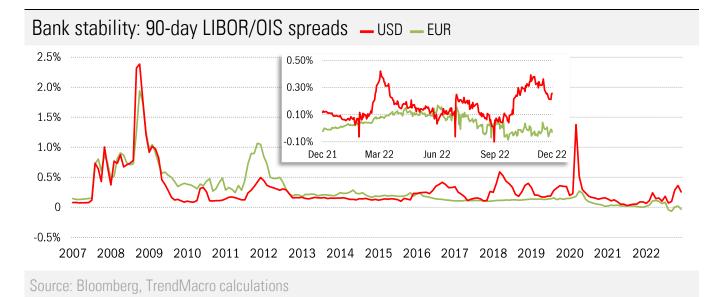


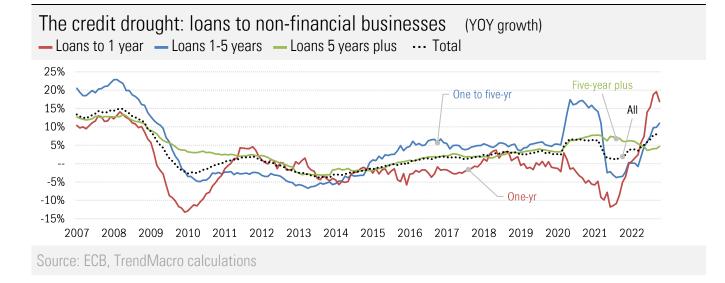
#### Source: ECB, TrendMacro calculations

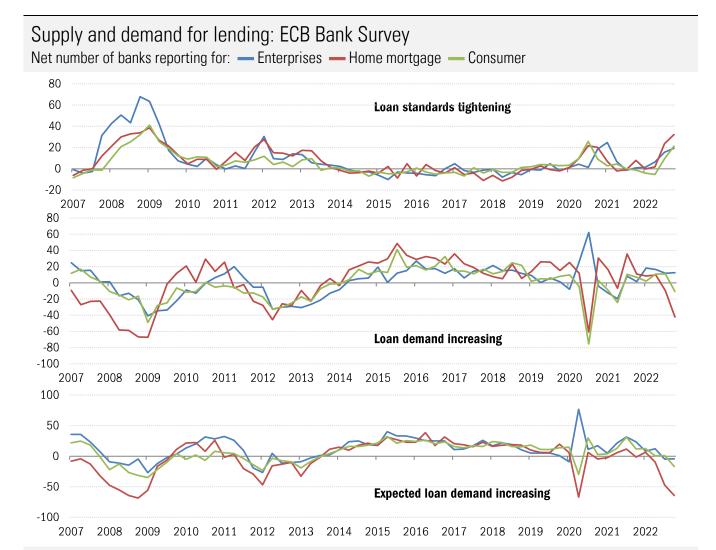
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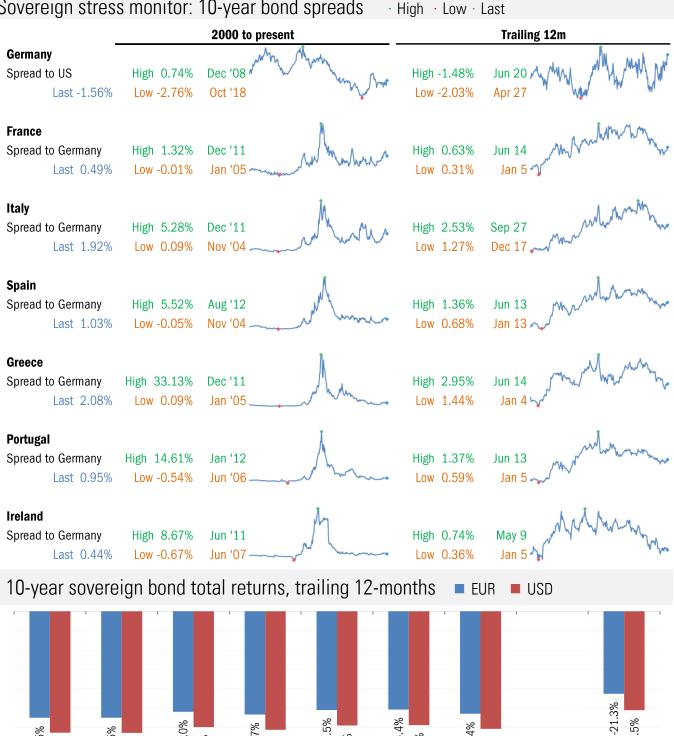
Source: ECB, National central banks, TrendMacro calculations







Source: ECB, TrendMacro calculations



-25.5%

-29.5%

Greece

-25.4%

-29.4%

Portugal

-26.4%

30.4%

Ireland

## Sovereign stress monitor: 10-year bond spreads

-26.0%

29.9%

Italy

-27.5%

31.4%

France

Source: Bloomberg, TrendMacro calculations

-27.5%

-31.4%

Germany

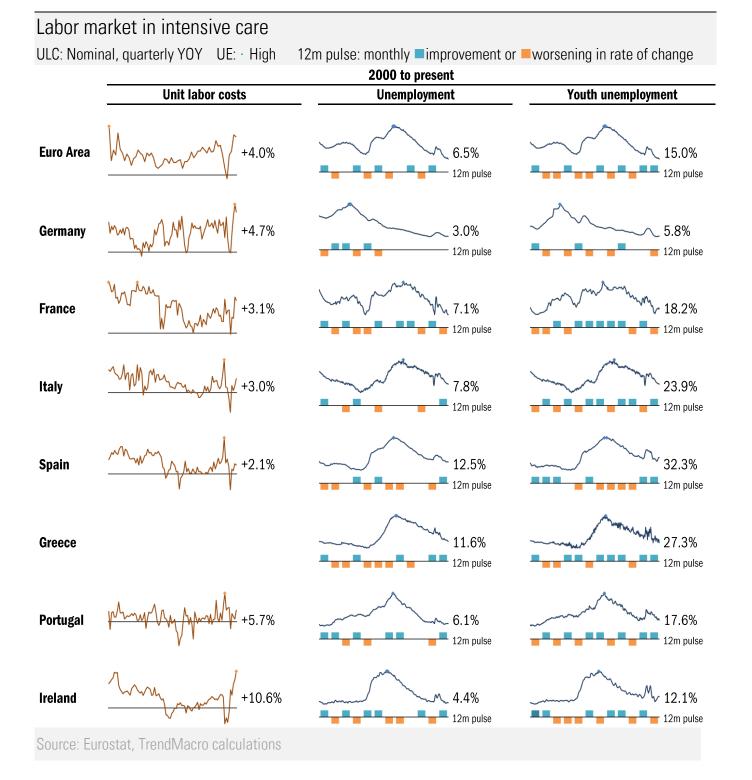
-26.7%

30.6%

Spain

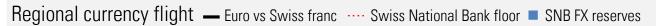
-25.5%

US

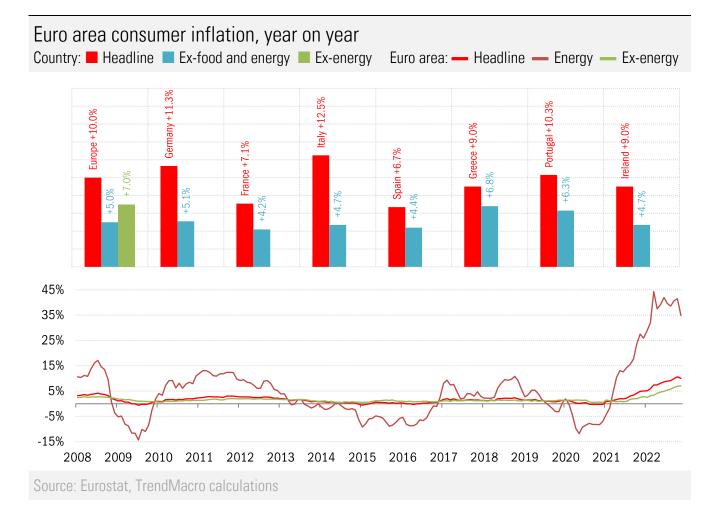


Purchasing Manager Indices							
Manufacturing	Last	Prev	13-month history	Services	Last	Prev	13-month history
Eurozone Nov	47.1	46.4		Eurozone Nov	48.5	48.6	
UK Nov	46.5	46.2		UK Nov	48.8	48.8	
Germany Nov	46.2	45.1		Germany Nov	46.1	46.5	$\checkmark$
France Nov	48.3	47.2	~~~~~	France Nov	49.3	51.7	
Italy Nov	48.4	46.5		Italy Nov	53.0	48.5	$\bigvee \bigvee \bigvee$
Spain Nov	45.7	44.7		Spain Nov	51.2	49.7	$\bigvee \\$
Ireland Nov	48.7	51.4	~~~~	Ireland Nov	50.8	53.2	
Netherlands Nov	46.0	47.9					
Austria Nov	46.6	46.6					
Greece Nov	48.4	48.1					
Czech Rep Nov	41.6	41.7					
Courses Markit Trend Marro coloulations							

Source: Markit, TrendMacro calculations







# Draghi's old dashboard:

### Swap-implied inflation expectations since "Whatever it takes"

