From: Paul Barrett < ██████████████████ >
Sent: Friday, October 20, 2017 1:48 PM
To: jeffrey E.
Subject: FW: ECB QE much bigger

See the line in Yellow. That's why European HY=trades at the same level as 10yr US Treasuries. This will be a big trade f=r us next year.

Paul Barrett

Alpha Group Capital LLC

██████████████████████████████████████

From: Torsten Slok ████████████████████
Sent: Wednesday, October 18, 2017 9:54 AM
Subject: DB: ECB QE much bigger

There are various w=ys of measuring the impact of QE carried out by the Fed, ECB, and BoJ. One=simple comparison is to look at the size of QE relative to net issuance. T=is reveals how much additional "firepower" each central bank brought to the market in an attempt to lower long rates =nd narrow credit spreads and boost stock markets.

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For the Fed, Treasury purchases never exceeded Treasury=net issuance whereas for the BoJ QE was 3 times bigger than net issuance a=d for the ECB QE is currently 7 times bigger than net issuance.=span style="font-size:12.0pt">

<=o:p>

This difference =n QE magnitude across the G3 is an important reason why the ECB exit is li=ely to be a much bigger event for markets, see also my note last week looking at the $8trn in bonds yielding negative interest rates, chart inse=ted again at the bottom here.

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Let us know if you =ould like to add a colleague to this distribution list.<=p>

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Torsten Sløk, Ph.=.

Chief International=Economist

Managing Director</=pan>

Deutsche Bank Secur=ties