ECOWEEK

N° 17-23// 9 June 2017

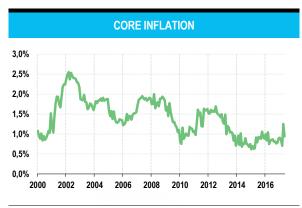
ECB: Balancing act

■ The ECB has tweaked its forward guidance ■ GDP forecasts have been revised up ■ Yet the central bank remained cautious on inflation

This week took place the ECB monetary policy meeting for June. As expected, members of the Governing Council decided to tweak the forward guidance, dropping the reference to potential lower policy rates in the future. They now expect "the key ECB interest rates to remain at their present levels for an extended period of time".

This change comes against the backdrop of an improving economic outlook. The ECB revised its GDP forecasts up for this year and next as well as 2019 to respectively 2%, 1.8% and 1.7%. Besides, the risk assessment has been upgraded too: risks that were tilted to the downside are now broadly balanced. This is the first time since August 2011.

This optimism on the growth outlook should not be overplayed however and seen as a pre announcement of an imminent monetary tightening. Indeed, if the macroeconomic situation is undoubtedly improving, inflation pressures remain weak with core inflation still subdued. During the press conference M. Draghi repeatedly underlined the need to be patient, while at the same time insisting on factors that could delay the inflation



Source : Eurostat

adjustment such as the low quality of newly created jobs, the less optimistic picture depicted by broader measure of underemployment or structural changes that could weigh on wage growth (such a decentralization of wage talks).

All in all, the ECB sounded slightly more dovish than expected, giving the impression that it is in no rush to end QE. We expect more details on the exit strategy to be communicated at the September meeting although yesterday press conference conveyed the feeling that this announcement could be delayed

Thibault Mercier

р. 2

Chart of the week

p. 3

Markets Overview

p. 4

Indicators

p. 5

Economic scenario

p. 6

Economic forecasts



ECONOMIC RESEARCH DEPARTMENT



The bank for a changing world

Ecoweek 17-23 // 9 June 2017

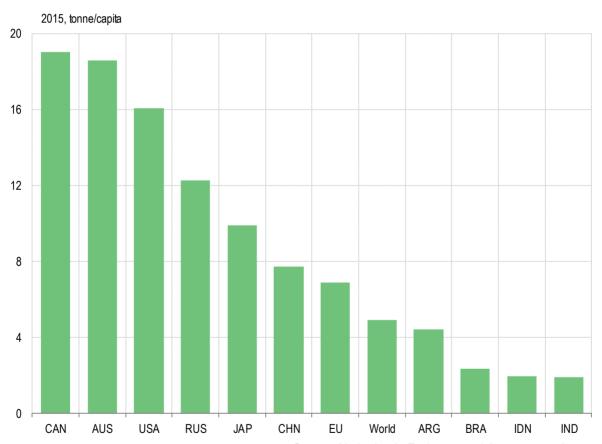
Chart of the week

Climate: The United States leaves Paris climate agreement

Last week, US President Donald Trump announced that his country will leave the Paris Climate Agreement, which aims at limiting global warming to well below 2°C above pre-industrial levels by reducing emissions of greenhouse gases (GHGs). The US decision is a serious blow for the climate deal, as the country is one of the largest emitters of GHGs - second after China - and also of carbon per capita, well ahead of Europe, China or India.

Nevertheless, the momentum for taking climate action should remain strong at a global level. Even in the absence of regulations, companies have already been including carbon prices in their investment decisions. This is partly due to the growing pressure from the financial sector on industries to reduce greenhouse gas emission. Investors are increasingly demanding climate related information to better assess their exposure to climate-related risks.

Carbon emissions per capita



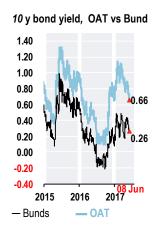
Source: Netherlands Environmental Assessment Agency

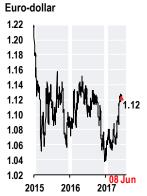
Market overview

Ecoweek 17-23 // 9 June 2017

The essentials

Week 2-6 17 > 8-6	-17				
△ CAC 40	5 343	•	5 264	-1.5	%
≥ S&P 500	2 439	•	2 434	-0.2	%
→ Volatility (VIX)	9.8	•	10.2	+0.4	%
≥ Euribor 3M (%)	-0.33	•	-0.33	-0.1	bp
▲ Libor \$ 3M (%)	1.22	•	1.22	-0.2	bp
■ OAT 10y (%)	0.71	•	0.66	-5.5	bp
■ Bund 10y (%)	0.27	•	0.26	-1.0	bp
对 US Tr. 10y (%)	2.16	•	2.19	+3.3	bp
Euro vs dollar	1.13	•	1.12	-0.5	%
→ Gold (ounce, \$)	1 278	•	1 276	-0.2	%
→ Oil (Brent, \$)	49.9	•	48.0	-3.8	%





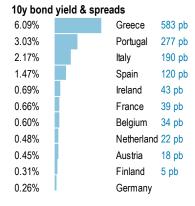


Money & Bond Markets

Interest Rates	3	higl	nest' 17	lowest' 17		
€ECB	0.00	0.00	at 02/01	0.00	at 02/01	
Eonia	-0.36	-0.33	at 02/06	-0.37	at 05/06	
Euribor 3M	-0.33	-0.32	at 02/01	-0.33	at 10/04	
Euribor 12M	-0.13	-0.08	at 02/01	-0.13	at 07/06	
\$ FED	1.00	1.00	at 16/03	0.75	at 02/01	
Libor 3M	1.22	1.22	at 02/06	1.00	at 02/01	
Libor 12M	1.72	1.83	at 15/03	1.68	at 06/01	
£ BoE	0.25	0.25	at 02/01	0.25	at 02/01	
Libor 3M	0.29	0.37	at 05/01	0.29	at 07/06	
Libor 12M	0.62	0.78	at 09/01	0.62	at 07/06	

At 8-6-17

Yield (%) highest' 17 lowest' 17 € AVG 5-7y **0.27** 0.68 at 17/03 0.23 at 02/01 Bund 2y -0.76 -0.66 at 25/01 -0.96 at 24/02 Bund 10y 0.26 0.49 at 10/03 0.09 at 02/01 OAT 10y 0.66 1.14 at 06/02 0.66 at 08/06 Corp. BBB 1.65 at 01/02 1.32 at 06/06 \$ Treas. 2y 1.38 at 14/03 1.14 at 24/02 1.32 2.19 2.61 at 13/03 2.15 at 06/06 Treas. 10y Corp. BBB 3.51 3.90 at 14/03 3.48 at 06/06 £ Treas. 2y 0.09 0.22 at 06/01 0.01 at 28/02 Treas. 10y **0.98** 1.51 at 26/01 0.92 at 06/06 At 8-6-17



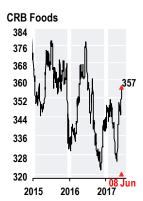
Commodities

Spot price in o	low	2017(€)					
Oil, Brent	48	48	at	08/06	-20.4%		
Gold (ounce)	1 276	1 156	at	03/01	+3.6%		
Metals, LMEX	2 703	2 639	at	03/01	-4.5%		
Copper (ton)	5 704	5 462	at	08/05	-2.9%		
CRB Foods	357	325	at	24/04	-1.0%		
w heat (ton)	169	146	at	24/04	+8.6%		
Corn (ton)	142	130	at	23/03	+0.7%		
At 8-6-17 Variations							

At 8-6-17 Van







Exchange Rates

1€ =		high	est' 17	low	est'	17	2017
USD	1.12	1.13	at 02/06	1.04	at	03/01	+6.4%
GBP	0.87	0.88	at 16/01	0.84	at	19/04	+1.5%
CHF	1.09	1.10	at 10/05	1.06	at	08/02	+1.2%
JPY	123.60	125.43	at 25/05	115.57	at	17/04	+0.5%
AUD	1.49	1.52	at 01/06	1.37	at	23/02	+2.2%
CNY	7.62	7.75	at 22/05	7.22	at	03/01	+4.0%
BRL	3.69	3.70	at 22/05	3.24	at	15/02	+7.4%
RUB	63.91	64.95	at 31/01	59.66	at	17/04	-0.7%
INR	72.17	73.32	at 31/01	68.18	at	07/04	+0.8%
At 8-6	-17					Var	iations

Equity indices

	Index	high	est	' 17	low	est'	17	2017	2017(€)
CAC 40	5 264	5 432	at	05/05	4 749	at	31/01	+8.3%	+8.3%
S&P500	2 434	2 439	at	02/06	2 239	at	02/01	+8.7%	+2.2%
DAX	12 714	12 823	at	02/06	11 510	at	06/02	+10.7%	+10.7%
Nikkei	19 909	20 177	at	02/06	18 336	at	14/04	+4.2%	+3.7%
China*	74	74	at	08/06	59	at	02/01	+26.5%	+18.3%
India*	545	546	at	05/06	445	at	03/01	+15.6%	+14.6%
Brazil*	1 710	2 001	at	22/02	1 654	at	02/01	+3.3%	-3.9%
Russia*	527	622	at	03/01	527	at	07/06	-17.3%	-17.8%
At 8-6-17							•	Va	riations

* MSCI index





Indicators

Wednesday 14 United States, consumer price index y/y (May)

Ecoweek 17-23 // 9 June 2017

April	May*	Over 3-m	Inflation is slowing down, because of
2.2	2.0	7	falling oil prices and slowing core prices

Wednesday 14 United States, retail sales m/m (mai)

April	May*	Over 3-m	Measure in current dollars, retail sales
0.4%	0.1%	7	are dependent on oil prices

^{*}Consensus Bloomberg

*Consensus Bloomberg

Wednesday 14 United States, FOMC (Fed fund target)

May	June*	Over 3-m	The process of normalising monetary
0.75-1%	1-1.25%	7	policy is under way

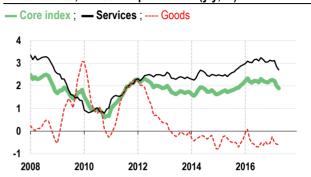
*Consensus Bloomberg

Wednesday 14 Eurozone, Industrial output m/m (May)

March	April*	Sur 3M	Industrial	production	should	have
-0.1%	0.9%	71	rebounded	in April		

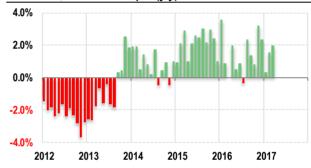
^{*}Consensus Bloomberg

United States, Consumer price index (y/y, %)



Source: US Bureau of Labor Statistics

Euro Area, Industrial output (y/y)



Source: Eurostat

UNITED STATES

Economic scenario

- GDP growth keeps on a decent 2% pace, however the fiscal outlook remains uncertain. A fiscal stimulus still is possible, but it would not be implemented before end-2017. Potential effects are thus uncertain.
- The labour market is buoyant than ever. Still, the support to households' disposable income is not as strong as it looks as wage inflation remains limited.
- With inflation relatively muted at this stage of the cycle, the Fed is in no rush to increase rates. Still, as the labour market slowly normalises, wages will eventually accelerate, and the Fed funds target will move towards its equilibrium rate.

Annual growth, %	2016	2017 e	2018 e
GDP	1.6	2.2	2.6
Private consumption	2.7	2.8	2.8
Gross Fixed Capital Formation	-0.5	5.0	5.5
Ex ports	0.4	3.0	2.6
Consumer Price Index (CPI)	1.3	2.0	2.5
CPI ex food and energy	2.2	2.1	2.7
Unemploy ment rate	4.9	4.6	4.2
Current account balance	-2.6	-2.8	-3.1
Fed. Govt. Budget Balance (% of GDP)	-3.1	-2.9	-3.5
Gross Fed. Govt. Debt (% GDP)	75.9	76.2	76.8

CHINA

- After a period of stabilisation since Q2 2016, growth is expected to slow down moderately in the short term.
- Exports should continue to rebound and infrastructure projects will continue to drive investment. However the downside risks are high due to the reduction in industrial production capacity, risks of a downturn in the real estate market and greater financial instability, and slow growth of household revenues.
- The authorities are expected to maintain an expansionist fiscal policy, while the central bank continues to tighten monetary conditions very cautiously.

EUROZONE

- The recovery is getting stronger and broader: the dispersion of economic performances among member states is receding.
- Despite the cyclical recovery, core inflation still shows no sign of a convincing upward trend. For the recovery to enter its inflationary phase the economy has to improve further, until the point at which wages will tend to increase.
- The level of slack remains uncertain though. Broader measures of labor underutilization reach 18%, double the level of the current unemployment rate. The ECB is expected to remain cautious.

FRANCE

- A slow growth acceleration is underway. Slightly higher rates of growth should resume. Households' consumption is supported by the jobs recovery but restrained by the upturn in inflation. Investment and exports dynamics are favourable. Risks lie slightly on the upside.
- We expect the output gap to slowly narrow and the unemployment rate to progressively decline, containing the rise in inflation.
- Fiscal policy should continue to combine growth supportive measures and consolidation ones. The fiscal deficit should not be a lot more reduced but it should remain below the 3% threshold.

Annual growth, %	2016	2017 e	2018 e
GDP	6.7	6.6	6.4
Industrial output	6.0	6.5	6.0
Gross Fixed Capital Formation (nominal)	8.1	8.5	8.0
Ex ports (nominal)	-7.7	6.0	5.0
Consumer Price Index (CPI)	2.0	1.8	2.3
Producer Price Index (PPI)	6.0	6.5	6.0
Current account (% GDP)	1.8	1.4	1.1
Gen. Gov t. Balance (% of GDP)	-3.8	-3.2	-3.0
Foreign reserves (\$bn)	3 011	3 024	3 072

Annual growth, %	2016	2017 e	2018 e
GDP	1.7	1.9	1.6
Priv ate consumption	1.9	1.5	1.4
Gross Fixed Capital Formation	3.5	1.9	2.6
Ex ports	2.9	4.5	3.9
Consumer Price Index (CPI)	0.2	1.6	1.4
CPI ex food and energy	0.9	1.1	1.4
Unemploy ment rate	10.0	9.3	8.8
Current account balance	3.3	3.6	3.5
Gen. Gov t. Balance (% of GDP)	-1.5	-1.4	-1.3
Public Debt (% GDP)	91.3	90.3	89.0

Annual growth, %	2016	2017 e	2018 e
GDP	1.1	1.6	1.6
Priv ate consumption	1.8	1.4	1.6
Gross Fixed Capital Formation	2.7	2.4	3.1
Ex ports	1.2	2.9	3.7
Consumer Price Index (HCPI)	0.3	1.3	1.0
CPI ex food and energy	0.6	0.7	0.9
Unemploy ment rate	10.1	9.6	9.3
Current account balance	-0.9	-1.1	-0.9
Gen. Govt. Balance (% of GDP)	-3.4	-3.0	-2.8
Public Debt (% GDP)	96.3	96.3	96.2

Sources: BNP Paribas Group Economic Research, European Commission ;e: Estimates and forecasts



Economic forecasts

	GI	OP Growth			Inflation		Curr. Account / GDP			Gen. Govt. Balance / GDP		
%	2016	2017 e	2018 e	2016	2017 e	2018 e	2016	2017 e	2018 e	2016	2017 e	2018 e
Advanced	1.7	2.0	1.9	0.8	1.7	1.9						
United-States	1.6	2.2	2.6	1.3	2.0	2.5	-2.6	-2.8	-3.1	-3.1	-2.9	-3.5
Japan	1.0	1.4	1.0	-0.1	0.6	0.7	3.8	4.0	4.4	-4.7	-4.4	-4.1
United-Kingdom	1.8	1.8	1.1	0.6	2.6	2.6	-4.4	-3.4	-2.5	-3.0	-2.9	-2.3
Euro Area	1.7	1.9	1.6	0.2	1.6	1.4	3.3	3.6	3.5	-1.5	-1.4	-1.3
Germany	1.8	2.0	1.9	0.4	1.8	1.7	8.3	8.1	8.2	0.8	0.5	0.3
France	1.1	1.6	1.6	0.3	1.3	1.0	-0.9	-1.1	-0.9	-3.4	-3.0	-2.8
Italy	1.0	1.2	0.6	-0.1	1.6	1.2	1.6	2.1	2.2	-2.4	-2.3	-2.3
Spain	3.2	2.8	2.2	-0.3	2.1	1.6	1.8	2.1	2.1	-4.5	-3.2	-2.6
Emerging	4.1	4.5	5.0	4.4	3.1	3.5						
China	6.7	6.6	6.4	2.0	1.8	2.3	1.8	1.4	1.1	-3.8	-3.2	-3.0
India	7.5	7.3	7.8	4.9	4.9	5.2	-1.1	-0.8	-1.6	-3.8	-3.5	-3.2
Brazil	-3.6	0.5	3.0	8.8	4.0	4.4	-1.3	-1.3	-2.5	-8.9	-8.8	-7.7
Russia	-0.6	1.2	2.0	7.1	4.2	4.3	1.7	2.4	2.0	-3.5	-3.1	-2.8
World	3.1	3.5	3.7	2.8	2.5	2.8						

Source : BNP Paribas Group Economic Research, European Commision (e: Estimates & forecasts,)

Financial forecasts

Intere	st rates, %	2017				2018						
End of p	period	Q1	Q2e	Q3e	Q4e	Q1e	Q2e	Q3e	Q4e	2016	2017e	2018e
US	Fed Funds	1.00	1.25	1.25	1.50	1.75	2.00	2.25	2.50	0.75	1.50	2.50
	Libor 3m \$	1.15	1.20	1.50	1.75	1.90	2.05	2.25	2.45	1.00	1.75	2.45
	T-Notes 10y	2.40	2.20	2.60	3.00	3.10	3.25	3.25	3.25	2.45	3.00	3.25
Ezone	Taux "refi" BCE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.25
	Euribor 3 mois	-0.33	-0.33	-0.36	-0.36	-0.36	-0.36	-0.16	0.05	-0.32	-0.36	0.05
	Bund 10y	0.33	0.29	0.60	0.80	1.00	1.20	1.40	1.50	0.11	0.80	1.50
	OAT 10y	0.97	0.74	1.05	1.25	1.45	1.65	1.80	1.90	0.69	1.25	1.90
UK	Base rate	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.50	0.25	0.25	0.50
	Gilts 10y	1.07	1.00	1.10	1.25	1.40	1.55	1.80	2.00	1.24	1.25	2.00
Japan	BoJ Rate	-0.06	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.06	-0.10	-0.10
	JGB 10y	0.07	0.06	0.07	0.08	0.08	0.08	0.08	0.08	0.05	0.08	0.08

Excha	ange Rates	2017				2018						
End of	period	Q1	Q2e	Q3e	Q4e	Q1e	Q2e	Q3e	Q4e	2016	2017e	2018e
USD	EUR / USD	1.07	1.10	1.07	1.04	1.05	1.06	1.08	1.10	1.05	1.04	1.10
	USD / JPY	111	115	117	120	118	116	114	112	117	120	112
	GBP / USD	1.25	1.31	1.30	1.30	1.30	1.29	1.29	1.29	1.24	1.30	1.29
	USD / CHF	1.00	1.00	1.05	1.08	1.07	1.06	1.04	1.05	1.02	1.08	1.05
EUR	EUR / GBP	0.86	0.84	0.82	0.80	0.81	0.82	0.84	0.85	0.85	0.80	0.85
	EUR / CHF	1.07	1.10	1.12	1.12	1.12	1.12	1.12	1.15	1.07	1.12	1.15
	EUR / JPY	119	127	125	125	124	123	123	123	123	125	123

Source : BNP Paribas Group Economic Research / GlobalMarkets (e: Estimates & forecasts)



GROUP ECONOMIC RESEARCH

William DE VIJLDER Chief Economist	+33(0)1 55 77 47 31	william.devijlder@bnpparibas.com
ADVANCED ECONOMIES AND STATISTICS		
Jean-Luc PROUTAT	+33.(0)1.58.16.73.32	jean-luc.proutat@bnpparibas.com
Alexandra ESTIOT Works coordination - United States - United Kingdom - Globalisation	+33.(0)1.58.16.81.69	alexandra.estiot@bnpparibas.com
Hélène BAUDCHON France (short-term outlook and forecasts) – Labour markets	+33.(0)1.58.16.03.63	helene.baudchon@bnpparibas.com
Frédérique CERISIER Euro Area (European governance and public finances), Spain, Portugal	+33.(0)1.43.16.95.52	frederique.cerisier@bnpparibas.com
Thibault MERCIER Euro Area (short-term outlook and monetary policy), France (structural reforms)	+33.(0)1.57.43.02.91	thibault.mercier@bnpparibas.com
Catherine STEPHAN Nordic countries - World trade - Education, health, social conditions	+33.(0)1.55.77.71.89	catherine.stephan@bnpparibas.com
■ Raymond VAN DER PUTTEN	+33.(0)1.42.98.53.99	raymond.vanderputten@bnpparibas.com
Germany, Netherlands, Austria, Switzerland - Energy, climate - Long-term projections Tarik RHARRAB Statistics and Modelling	+33.(0)1.43.16.95.56	tarik.rharrab@bnpparibas.com
BANKING ECONOMICS		
Laurent QUIGNON Head.	+33.(0)1.42.98.56.54	laurent.quignon@bnpparibas.com
 Céline CHOULET Thomas HUMBLOT 	+33.(0)1.43.16.95.54 +33.(0)1.40.14.30.77	celine.choulet@bnpparibas.com thomas.humblot@bnpparibas.com
EMERGING ECONOMIES AND COUNTRY RISK		
François FAURE Head - South Africa, Argentina - Methodology	+33.(0)1 42 98 79 82	francois.faure@bnpparibas.com
Christine PELTIER Deputy Head - Greater China, Vietnam, other North Asia countries - Methodology	+33.(0)1.42.98.56.27	christine.peltier@bnpparibas.com
Stéphane ALBY Africa (French-speaking countries)	+33.(0)1.42.98.02.04	stephane.alby@bnpparibas.com
Sylvain BELLEFONTAINE Turkey, Brazil, Mexico, Central & South America - Methodology	+33.(0)1.42.98.26.77	sylvain.bellefontaine@bnpparibas.com
Pascal DEVAUX Middle East, Balkan countries, Nigeria, Angola - Scoring	+33.(0)1.43.16.95.51	pascal.devaux@bnpparibas.com
Anna DORBEC CIS, Central European countries	+33.(0)1.42.98.48.45	anna.dorbec@bnpparibas.com
Johanna MELKA Asia, Russia	+33.(0)1.58.16.05.84	johanna.melka@bnpparibas.com
Alexandra WENTZINGER Chile, Uruguay, Paraguay	+33.(0)1.42 98 74 26	alexandra.wentzinger@bnpparibas.com
■ Michel BERNARDINI Contact Média	+33.(0)1.42.98.05.71	michel.bernardini@bnpparibas.com



OUR PUBLICATIONS



CONJONCTURE

Structural or in news flow, two issues analysed in depth



EMERGING

Analyses and forecasts for a selection of emerging economies



PERSPECTIVES

Analyses and forecasts for the main countries, emerging or developed



ECOFLASH

Data releases, major economic events. Our detailed views...



FCOWFFK

Weekly economic news and much more...



ECOTV

In this monthly web TV, our economists make sense of economic news



FCOTV WFFK

What is the main event this week? The answer is in your two minutes of economy



The information and opinions contained in this report have been obtained from, or are based on, public sources believed to be reliable, but no representation or warranty, express or implied, is made that such information is accurate, complete or up to date and it should not be relied upon as such. This report does not constitute an offer or solicitation to buy or sell any securities or other investment. It does not constitute investment advice, nor financial research or analysis. Information and opinions contained in the report are not to be relied upon as authoritative or taken in substitution for the exercise of judgement by any recipient; they are subject to change without notice and not intended to provide the sole basis of any evaluation of the contained in the report are not to be relied upon as authorisative of taken in substitution for the exercise of judgment by any recipient; they are subject to change without notice and not intended to provide the sole basis of any evaluation of the instruments discussed herein. Any reference to past performance should not be taken as an indication of fluture performance. To the fullest extent permitted by law, no BNP aribas group company accepts any liability whistoever (indication in region or any direct or consequential loss arising from any use of or reliance on material contained in this report. All estimates and opinions included in this report are made as of the date of this report. Unless otherwise indicated in this report. BNP Paribas S as of the date of this report. Unless otherwise indicated in this report. BNP Paribas S A and its affiliates (collectively "BNP Paribas") may make a market in, or mgy, as principal or agent, but yor sell securities of any issuer or person mentioned in this report, including a long or short position in their securities and/or options, futures or other derivative instruments based thereon. Prices, yields and other similar information included in the information purposes. Numerous factors will affect market princing and there is no certainty that transactions could be executed at these prices. BNP Paribas, including its officers and employees may serve or have served as an officer, director or in an advisory capacity for any person mentioned in this report. BNP Paribas may be very from time to time, solicit, perform or have performed investment banking, underwriting or other services (including acting as advisor, manager, underwriter or lender) within the last 12 months for any person mentioned in this report. BNP Paribas may be used to any person mentioned in this report. BNP Paribas may be party to an agreement with dery within the last 12 months for any person mentioned in this report. BNP Paribas may be sport, any aperson mentioned in this report to the extent permitted

BNP Paribas is incorporated in France with limited liability. Registered Office 16 Boulevard des Italiens, 75009 Paris. This report was produced by a BNP Paribas group company. This report is for the use of intended recipients and may not be reproduced (in whole or in part) or delivered or transmitted to any other person without the prior written consent of BNP Paribas. By accepting this document you agree to be bound by the foregoing limitations.

Certain countries within the European Economic Area

This report has been approved for publication in the United Kingdom by BNP Paribas London Branch. BNP Paribas London Branch is suthorised and supervised by the Autorité de Contrôle Prudentiel and suthorised and subject to limited regulation by the Financial Services Authority. Details of the extent of our authorisation and regulation by the Financial Services Authority are available from us on request.

This report has been approved for publication in France by BNP Paribas SA. BNP Paribas SA is incorporated in France with Limited Liability and is authorised by the Autorité de Contrôle Prudentiel (ACP) and regulated by the Autorité des Marchés Financiers (AMF). Its head office is 16, boulevard des Italiens 75009 Paris, France.

This report is being distributed in Germany either by BNP Paribas London Branch or by BNP Paribas Niederlassung Frankfurt agn Main, a branch of BNP Paribas S.A. whose head office is in Paris, France. BNP Paribas S.A. — Niederlassung Frankfurt am Main, Europa Allee 12, 60327 Frankfurt is suthorised and supervised by the Autorité de Contrôle Prudentiel and it is authorised and subject to limited regulation by the Bundesanstalt für Finanzdienstleistungsaufsicht (BaFin).

United States: This report is being distributed to US persons by BNP Paribas Securities Corp., or by a subsidiary or affiliate of BNP Paribas that is not registered as a US broker-dealer. BNP Paribas Securities Corp., a subsidiary of BNP Paribas, is a broker-dealer registered with the U.S. Securities and Exchange Commission and a member of the Financial Industry Regulatory Authority and other principal exchanges. SNP Paribas Securities Corp. socepts responsibility for the content of a report prepared by another non-U.S. affiliate only when distributed to U.S. persons by BNP Paribas Securities Corp.

prepared by another non-U.S. affiliate only when distributed to U.S. persons by BNP Paribas Securities Corp.

Japan: This report is being distributed in Japan by BNP Paribas Securities (Japan) Limited or by a subsidiary or affiliate of BNP

Paribas notregistered as a financial instruments firmin Japan, to certain financial institutions defined by article 17-3, fitem 1 of

the Financial Instruments and Exchange Law Enforcement Order. BNP Paribas Securities (Japan) Limited is a financial
instruments firm registered according to the Financial Instruments and Exchange Law of Japan and a member of the Japan

Securities Dealers Association and the Financial Instruments and Exchange Law of Japan and a member of the Japan

Securities Dealers Association and the Financial Instruments and Exchange Law of Japan. BNP Paribas Securities (Japan) Limited accepts

responsibility for the content of a report prepared by another non-Japan affiliate only when distributed to Japanese based firms

by BNP Paribas Securities (Japan) Limited. Some of the foreign securities stated on this report are not disclosed according to

the Financial Instruments and Exchange Law of Japan.

Hong Kong: This report is being distributed in Hong Kong by BNP Paribas Hong Kong Branch, a branch of BNP Paribas whose head office is in Paris, France. BNP Paribas Hong Kong Branch is registered as a Licensed Bankunder the Banking Ordinance and regulated by the Hong Kong Monetary Authority. BNP Paribas Hong Kong Branch is also a Registered Institution regulated by the Securities and Futures Commission for the conduct of Regulated Activity Types 1, 4 and 6 under the Securities and Futures Ordinance.

Some or all the information reported in this document may already have been published on https://globalmarkets.bnpparibas.com

® BNP Paribas (2015). All rights reserved

© BNP Paribas (2015). All rights reserved Prepared by Economic Research - BNP PARIBAS

Registered Office: 16 boulevard des Italiens - 75009 PARIS

Tel: +33 (0) 1.42.98.12.34 - Internet:

www.group.bnpparibas.com

Publisher: Jean Lemierre. Editor: William De Vijlder

