

Good MornING Asia - 17 May 2018

Euro takes a beating as coalition talks suggest an anti-European government could emerge in Italy

In this bundle



Australia | Indonesia...

Euro problems

Euro takes a beating as coalition talks suggest an anti-European government could emerge in Italy



Japan

Japan's GDP declines 0.6% in 1Q

Is there more to this than meets the eye? Or is this like all the other weak G-7 GDP reports in 1Q?



Thailand

Thailand's central bank leaves policy on hold

We maintain our view of no change to the Bank of Thailand policy anytime soon

Euro problems

Euro takes a beating as coalition talks suggest an anti-European government could emerge in Italy



Source: istock

Never a dull moment in the Eurozone!

After suggesting yesterday that Italy's prospective government might not be much less market-friendly than previous ones, we feel we owe our readers a swift retraction. It is hard to say exactly what the latest state of play is, there have been so many allegations and denials. This is a fast-moving event. Full details of the Northern League / Five Star (North-Star?) coalition manifesto should be out within a few days, But despite suggestions to the contrary, it will apparently **not** contain a demand for Italy's debt held by the ECB to be cancelled, or a mechanism for countries to leave the Eurozone. It may, however, ask for some treaty changes. Whatever it contains, it is hardly going to support the Macron-Merkel (Mackerel?) plans for reform of the Eurozone, and the Euro (EUR) is caught in the cross-fire. EURUSD was down below 1.18 last night, before staging a modest recovery this morning. Asian FX might stage a modest rally as the EUR momentum shifts back in the EUR's favour in the short-term.

This story will doubtless deliver more entertainment over the coming days. But it is hard to see how it will be particularly Euro supportive. That said, there are plenty of factors on the other side of FX crosses to please all sides of the market, not least, what is happening in terms of the US-China trade talks.

Sterling has been a surprise gainer against the EUR (not the USD though). Our feeling is that trouble

with Italy will make the Europeans even less likely to throw a lifeline to the UK in Brexit negotiations. It will be all hands to the pump to secure and save the single currency project. So there may be some room for a reversal here, with the USD probably the most likely way to play this if it begins to turn ugly.

Not too boring in the US and UK either

Whilst the allegations over who paid whom for what in the US continue to provide news channels a steady stream of pap to dull the senses of their viewers, the fallout from the US-Korea air-drills this week has still not fully settled. N Korea is allegedly announcing it is not going to trade in its nukes for an economic boost. As that's all that Trump wants, the June 12 talks in Singapore may be a little less constructive than was initially hoped for.

We haven't talked about Brexit here for some weeks - deliberately, as we assume that tolerance for this is limited. But according to stories running in the British Press, PM Theresa May will set out to the EU her clarification on Brexit this week before they meet in June to discuss how to proceed. The latest reports suggest a combination of sliding extensions to the Customs Union post-2019 to enable the UK to come up with effective border controls and a feasible solution to the Irish border. Sounds a bit feeble to me. But anything that postpones the plunge into the abyss of life outside the EU seems welcome right now - that is if the EU decides to accept this proposal, which they may not.

Run of G-7 economic data supports the geopolitical bias

Yesterday's data flow confirmed that core inflation in the Eurozone remains way off target and heading in the wrong direction. Oil price rises will in due course feed into core figures through second round channels like airfares. And with summer approaching in Europe, that probably won't take too many more months to become apparent. The US dataflow held few surprises yesterday. With April 2018 one of the coldest April's on record since 1895, it wasn't too surprising to see the housing starts and permits figures undershooting expectations - but not by much, so all in all, not a bad result. April industrial production was also pretty good - probably also helped by low temperatures.

Today's data flow from the G-7 can probably be mainly ignored. Japan's Machine orders data is mainly noise (-3.9%MoM), though the US Philly Fed survey may be worth half a glance when it is out later.

Asia today - the fallout from EM concerns should see BI hiking

Today, another Asian central bank will likely have to respond to international capital outflows by hiking rates. First it was the Philippine Central bank, now it is Bank Indonesia. We expect a 25bp hike from them today, taking the policy 7-Day Repo rate to 4.50%. The real question is, will this be enough? For either them or the Philippines? The only sensible answer is that it will be sufficient once current account deficits generated by overstimulated economies start to respond. This may require further hikes, a slowdown in growth, and perhaps some winding back of fiscal stimulus. None of this will be easy, or popular. A stronger USD makes it harder still. Governments have fallen over less. The political calendar hots up from this August before national elections next year.

Malaysian GDP for 1Q18 should come in in-line with consensus at 5.6%, a little slower than the

5.9%. A little slowdown here won't hurt from these rates, and in any case, Malaysia does not have the current account issues of the other two SE Asian economies mentioned.

Singapore's April NODX was stronger than expected, rising 6.5%MoM, which was a good bounce back from March weakness, even when you take downward revisions for March into account. There was, however, another negative electronics element to these numbers, with electronics falling 6.9%YoY, so we will be poring through the data when more detail is released to get to the bottom of this.

Finally, Australian labour market data. Yesterday, wage cost indices were no better and perhaps even a little bit softer than the consensus view. I wouldn't be surprised to see whatever the headline employment figure is, to be dominated by part-time jobs. That could mean a decent headline, but a poor Full-time equivalence.

Author

Alissa Lefebre

Economist

alissa.lefebvre@ing.com

Deepali Bhargava

Regional Head of Research, Asia-Pacific

Deepali.Bhargava@ing.com

Ruben Dewitte

Economist

+32495364780

ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee

kinga.havasi@ing.com

Marten van Garderen

Consumer Economist, Netherlands

marten.van.garderen@ing.com

David Havrlant

Chief Economist, Czech Republic

420 770 321 486

david.havrlant@ing.com

Sander Burgers

Senior Economist, Dutch Housing

sander.burgers@ing.com

Lynn Song

Chief Economist, Greater China

lynn.song@asia.ing.com

Michiel Tukker

Senior European Rates Strategist

michiel.tukker@ing.com

Michal Rubaszek

Senior Economist, Poland

michal.rubaszek@ing.pl

This is a test author

Stefan Posea

Economist, Romania

tiberiu-stefan.posea@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Jesse Norcross

Senior Sector Strategist, Real Estate

jesse.norcross@ing.com

Teise Stellema

Research Assistant, Energy Transition

teise.stellema@ing.com

Diederik Stadig

Sector Economist, TMT & Healthcare

diederik.stadig@ing.com

Diogo Gouveia

Sector Economist

diogo.duarte.vieira.de.gouveia@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Ewa Manthey

Commodities Strategist

ewa.manthey@ing.com

ING Analysts

James Wilson

EM Sovereign Strategist

James.wilson@ing.com

Sophie Smith

Digital Editor

sophie.smith@ing.com

Frantisek Taborsky

EMEA FX & FI Strategist

frantisek.taborsky@ing.com

Adam Antoniak

Senior Economist, Poland

adam.antoniak@ing.pl

Min Joo Kang

Senior Economist, South Korea and Japan

min.joo.kang@asia.ing.com

Coco Zhang

ESG Research

coco.zhang@ing.com

Jan Frederik Slijkerman

Senior Sector Strategist, TMT

jan.frederik.slijkerman@ing.com

Katinka Jongkind

Senior Economist, Services and Leisure

Katinka.Jongkind@ing.com

Marina Le Blanc

Sector Strategist, Financials

Marina.Le.Blanc@ing.com

Samuel Abettan

Junior Economist

samuel.abettan@ing.com

Franziska Biehl

Senior Economist, Germany

Franziska.Marie.Biehl@ing.de

Rebecca Byrne

Senior Editor and Supervisory Analyst

rebecca.byrne@ing.com

Mirjam Bani

Sector Economist, Commercial Real Estate & Public Sector (Netherlands)

mirjam.bani@ing.com

Timothy Rahill

Credit Strategist

timothy.rahill@ing.com

Leszek Kasek

Senior Economist, Poland

leszek.kasek@ing.pl

Oleksiy Soroka, CFA

Senior High Yield Credit Strategist

oleksiy.soroka@ing.com

Antoine Bouvet

Head of European Rates Strategy

antoine.bouvet@ing.com

Jeroen van den Broek

Global Head of Sector Research

jeroen.van.den.broek@ing.com

Edse Dantuma

Senior Sector Economist, Industry and Healthcare

edse.dantuma@ing.com

Francesco Pesole

FX Strategist

francesco.pesole@ing.com

Rico Luman

Senior Sector Economist, Transport and Logistics

Rico.Luman@ing.com

Jurjen Witteveen

Sector Economist

jurjen.witteveen@ing.com

Dmitry Dolgin

Chief Economist, CIS

dmitry.dolgin@ing.de

Nicholas Mapa

Senior Economist, Philippines

nicholas.antonio.mapa@asia.ing.com

Egor Fedorov

Senior Credit Analyst
egor.fedorov@ing.com

Sebastian Franke

Consumer Economist
sebastian.franke@ing.de

Gerben Hieminga

Senior Sector Economist, Energy
gerben.hieminga@ing.com

Nadège Tillier

Head of Corporates Sector Strategy
nadege.tillier@ing.com

Charlotte de Montpellier

Senior Economist, France and Switzerland
charlotte.de.montpellier@ing.com

Laura Straeter

Behavioural Scientist
+31(0)611172684
laura.Straeter@ing.com

Valentin Tataru

Chief Economist, Romania
valentin.tataru@ing.com

James Smith

Developed Markets Economist, UK
james.smith@ing.com

Suvi Platerink Kosonen

Senior Sector Strategist, Financials
suvi.platerink-kosonen@ing.com

Thijs Geijer

Senior Sector Economist, Food & Agri
thijs.geijer@ing.com

Maurice van Sante

Senior Economist Construction & Team Lead Sectors
maurice.van.sante@ing.com

Marcel Klok

Senior Economist, Netherlands
marcel.klok@ing.com

Piotr Poplawski

Senior Economist, Poland

piotr.poplawski@ing.pl

Paolo Pizzoli

Senior Economist, Italy, Greece

paolo.pizzoli@ing.com

Marieke Blom

Chief Economist and Global Head of Research

marieke.blom@ing.com

Raoul Leering

Senior Macro Economist

raoul.leering@ing.com

Maarten Leen

Head of Global IFRS9 ME Scenarios

maarten.leen@ing.com

Maureen Schuller

Head of Financials Sector Strategy

Maureen.Schuller@ing.com

Warren Patterson

Head of Commodities Strategy

Warren.Patterson@asia.ing.com

Rafal Benecki

Chief Economist, Poland

rafal.benecki@ing.pl

Philippe Ledent

Senior Economist, Belgium, Luxembourg

philippe.ledent@ing.com

Peter Virovacz

Senior Economist, Hungary

peter.virovacz@ing.com

Inga Fechner

Senior Economist, Germany, Global Trade

inga.fechner@ing.de

Dimitry Fleming

Senior Data Analyst, Netherlands

Dimitry.Fleming@ing.com

Ciprian Dascalu

Chief Economist, Romania

+40 31 406 8990

ciprian.dascalu@ing.com

Muhammet Mercan

Chief Economist, Turkey

muhammet.mercan@ingbank.com.tr

Iris Pang

Chief Economist, Greater China

iris.pang@asia.ing.com

Sophie Freeman

Writer, Group Research

+44 20 7767 6209

Sophie.Freeman@uk.ing.com

Padhraic Garvey, CFA

Regional Head of Research, Americas

padhraic.garvey@ing.com

James Knightley

Chief International Economist, US

james.knightley@ing.com

Tim Condon

Asia Chief Economist

+65 6232-6020

Martin van Vliet

Senior Interest Rate Strategist

+31 20 563 8801

martin.van.vliet@ing.com

Karol Pogorzelski

Senior Economist, Poland

Karol.Pogorzelski@ing.pl

Carsten Brzeski

Global Head of Macro

carsten.brzeski@ing.de

Viraj Patel

Foreign Exchange Strategist

+44 20 7767 6405

viraj.patel@ing.com

Owen Thomas

Global Head of Editorial Content

+44 (0) 207 767 5331

owen.thomas@ing.com

Bert Colijn

Chief Economist, Netherlands

bert.colijn@ing.com

Peter Vanden Houte

Chief Economist, Belgium, Luxembourg, Eurozone

peter.vandenhoute@ing.com

Benjamin Schroeder

Senior Rates Strategist

benjamin.schroeder@ing.com

Chris Turner

Global Head of Markets and Regional Head of Research for UK & CEE

chris.turner@ing.com

Gustavo Rangel

Chief Economist, LATAM

+1 646 424 6464

gustavo.rangel@ing.com

Carlo Cocuzzo

Economist, Digital Finance

+44 20 7767 5306

carlo.cocuzzo@ing.com

Japan's GDP declines 0.6% in 1Q

Is there more to this than meets the eye? Or is this like all the other weak G-7 GDP reports in 1Q?



Source: Shutterstock

Japan's GDP is choppy

The first thing you notice when you look back at a time series of Japanese GDP is that from time to time, it delivers either an outside spike or a dismal-looking trough. Unlike some of its regional neighbours, Japan's GDP does not look as if it is massaged by statisticians to make it look more palatable. That also makes it more credible. And as a result, we need not worry overly when the occasional bad quarter comes. This was not a particularly shocking result. Markets were braced for 1Q18 weakness. The data merely came in a little weaker than had been imagined.

Amongst the weaker elements (all figures QoQ% non-annualised), private consumption (0.0%), residential investment (-2.7%), non-residential investment (-0.1%). Net exports were about the only bright spot, contributing 0.1pp to overall GDP growth.

-0.6%

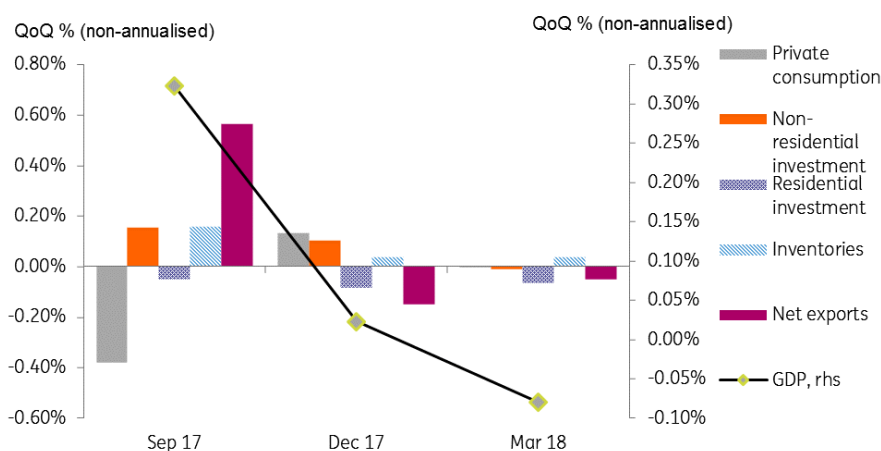
1Q18 GDP QoQ annualised

Downward revisions to previous quarters

Worse than expected

Contributions to GDP growth (QoQ%)

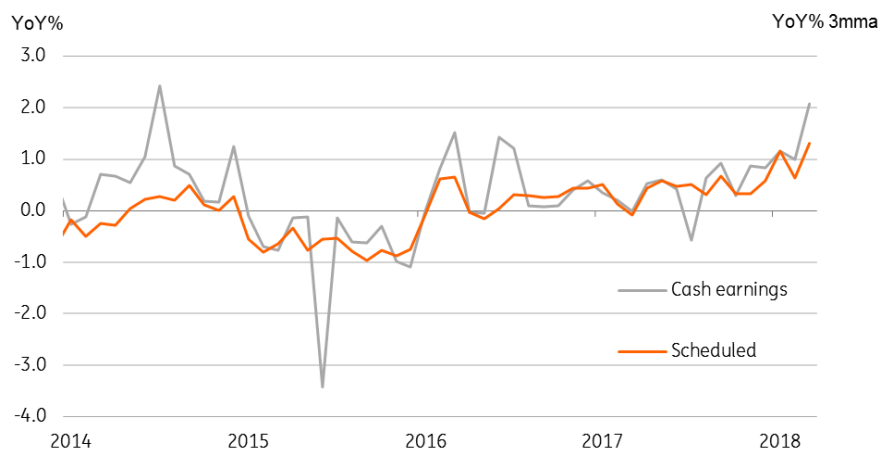
Recent trend has been down



The outlook is improving

Just like the weakness in the US and Eurozone in the first quarter, we don't think this is more than a seasonal blip. Forward-looking indicators are painting a more upbeat picture. The best of these indicators is cash wages, which at 2.1%, are higher than they have been for a very long time, and that will help private consumption to bounce back into healthy territory in 2Q18.

Japanese Cash wages point to brighter future



This data does not help the BoJ

But whether it is real or just an aberration, we will have to wait now until August for confirmation of this rosy interpretation of not-very-good Japanese GDP data, with high-frequency data in the meantime only likely to partially assuage any residual doubts.

For the Bank of Japan, it means it is now virtually impossible to see it adjusting its quantitative and qualitative easing programme to a less accommodative setting this year, irrespective of what the European Central Bank manages to do in the background. Clearly it would be easier for the BoJ to make adjustments if it were not the only G-7 central bank trying to extricate itself from a bond

purchasing dilemma. But the ECB doesn't look much closer to a change of policy either, despite market (over) reaction to some comments from the ECB's François Villeroy yesterday. This picture also does not help the yen either. Thoughts of a move towards USD/JPY 100 by the turn of the year look harder to justify today.

Author

Alissa Lefebre

Economist

alissa.lefebvre@ing.com

Deepali Bhargava

Regional Head of Research, Asia-Pacific

Deepali.Bhargava@ing.com

Ruben Dewitte

Economist

+32495364780

ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee

kinga.havasi@ing.com

Marten van Garderen

Consumer Economist, Netherlands

marten.van.garderen@ing.com

David Havrlant

Chief Economist, Czech Republic

420 770 321 486

david.havrlant@ing.com

Sander Burgers

Senior Economist, Dutch Housing

sander.burgers@ing.com

Lynn Song

Chief Economist, Greater China

lynn.song@asia.ing.com

Michiel Tukker

Senior European Rates Strategist

michiel.tukker@ing.com

Michal Rubaszek

Senior Economist, Poland

michal.rubaszek@ing.pl

This is a test author

Stefan Posea

Economist, Romania

tiberiu-stefan.posea@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Jesse Norcross

Senior Sector Strategist, Real Estate

jesse.norcross@ing.com

Teise Stellema

Research Assistant, Energy Transition

teise.stellema@ing.com

Diederik Stadig

Sector Economist, TMT & Healthcare

diederik.stadig@ing.com

Diogo Gouveia

Sector Economist

diogo.duarte.vieira.de.gouveia@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Ewa Manthey

Commodities Strategist

ewa.manthey@ing.com

ING Analysts

James Wilson

EM Sovereign Strategist

James.wilson@ing.com

Sophie Smith

Digital Editor

sophie.smith@ing.com

Frantisek Taborsky

EMEA FX & FI Strategist

frantisek.taborsky@ing.com

Adam Antoniak

Senior Economist, Poland

adam.antoniak@ing.pl

Min Joo Kang

Senior Economist, South Korea and Japan

min.joo.kang@asia.ing.com

Coco Zhang

ESG Research

coco.zhang@ing.com

Jan Frederik Slijkerman

Senior Sector Strategist, TMT

jan.frederik.slijkerman@ing.com

Katinka Jongkind

Senior Economist, Services and Leisure

Katinka.Jongkind@ing.com

Marina Le Blanc

Sector Strategist, Financials

Marina.Le.Blanc@ing.com

Samuel Abettan

Junior Economist

samuel.abettan@ing.com

Franziska Biehl

Senior Economist, Germany

Franziska.Marie.Biehl@ing.de

Rebecca Byrne

Senior Editor and Supervisory Analyst

rebecca.byrne@ing.com

Mirjam Bani

Sector Economist, Commercial Real Estate & Public Sector (Netherlands)

mirjam.bani@ing.com

Timothy Rahill

Credit Strategist

timothy.rahill@ing.com

Leszek Kasek

Senior Economist, Poland

leszek.kasek@ing.pl

Oleksiy Soroka, CFA

Senior High Yield Credit Strategist

oleksiy.soroka@ing.com

Antoine Bouvet

Head of European Rates Strategy

antoine.bouvet@ing.com

Jeroen van den Broek

Global Head of Sector Research

jeroen.van.den.broek@ing.com

Edse Dantuma

Senior Sector Economist, Industry and Healthcare

edse.dantuma@ing.com

Francesco Pesole

FX Strategist

francesco.pesole@ing.com

Rico Luman

Senior Sector Economist, Transport and Logistics

Rico.Luman@ing.com

Jurjen Witteveen

Sector Economist

jurjen.witteveen@ing.com

Dmitry Dolgin

Chief Economist, CIS

dmitry.dolgin@ing.de

Nicholas Mapa

Senior Economist, Philippines

nicholas.antonio.mapa@asia.ing.com

Egor Fedorov

Senior Credit Analyst

egor.fedorov@ing.com

Sebastian Franke

Consumer Economist

sebastian.franke@ing.de

Gerben Hieminga

Senior Sector Economist, Energy

gerben.hieminga@ing.com

Nadège Tillier

Head of Corporates Sector Strategy

nadege.tillier@ing.com

Charlotte de Montpellier

Senior Economist, France and Switzerland

charlotte.de.montpellier@ing.com

Laura Straeter

Behavioural Scientist

+31(0)611172684

laura.Straeter@ing.com

Valentin Tataru

Chief Economist, Romania

valentin.tataru@ing.com

James Smith

Developed Markets Economist, UK

james.smith@ing.com

Suvi Platerink Kosonen

Senior Sector Strategist, Financials

suvi.platerink-kosonen@ing.com

Thijs Geijer

Senior Sector Economist, Food & Agri

thijs.geijer@ing.com

Maurice van Sante

Senior Economist Construction & Team Lead Sectors

maurice.van.sante@ing.com

Marcel Klokk

Senior Economist, Netherlands

marcel.klokk@ing.com

Piotr Poplawski

Senior Economist, Poland

piotr.poplawski@ing.pl

Paolo Pizzoli

Senior Economist, Italy, Greece

paolo.pizzoli@ing.com

Marieke Blom

Chief Economist and Global Head of Research
marieke.blom@ing.com

Raoul Leering
Senior Macro Economist
raoul.leering@ing.com

Maarten Leen
Head of Global IFRS9 ME Scenarios
maarten.leen@ing.com

Maureen Schuller
Head of Financials Sector Strategy
Maureen.Schuller@ing.com

Warren Patterson
Head of Commodities Strategy
Warren.Patterson@asia.ing.com

Rafal Benecki
Chief Economist, Poland
rafal.benecki@ing.pl

Philippe Ledent
Senior Economist, Belgium, Luxembourg
philippe.ledent@ing.com

Peter Virovacz
Senior Economist, Hungary
peter.virovacz@ing.com

Inga Fechner
Senior Economist, Germany, Global Trade
inga.fechner@ing.de

Dimitry Fleming
Senior Data Analyst, Netherlands
Dimitry.Fleming@ing.com

Ciprian Dascalu
Chief Economist, Romania
+40 31 406 8990
ciprian.dascalu@ing.com

Muhammet Mercan
Chief Economist, Turkey
muhammet.mercan@ingbank.com.tr

Iris Pang

Chief Economist, Greater China

iris.pang@asia.ing.com

Sophie Freeman

Writer, Group Research

+44 20 7767 6209

Sophie.Freeman@uk.ing.com

Padhraic Garvey, CFA

Regional Head of Research, Americas

padhraic.garvey@ing.com

James Knightley

Chief International Economist, US

james.knightley@ing.com

Tim Condon

Asia Chief Economist

+65 6232-6020

Martin van Vliet

Senior Interest Rate Strategist

+31 20 563 8801

martin.van.vliet@ing.com

Karol Pogorzelski

Senior Economist, Poland

Karol.Pogorzelski@ing.pl

Carsten Brzeski

Global Head of Macro

carsten.brzeski@ing.de

Viraj Patel

Foreign Exchange Strategist

+44 20 7767 6405

viraj.patel@ing.com

Owen Thomas

Global Head of Editorial Content

+44 (0) 207 767 5331

owen.thomas@ing.com

Bert Colijn

Chief Economist, Netherlands

bert.colijn@ing.com

Peter Vanden Houte

Chief Economist, Belgium, Luxembourg, Eurozone

peter.vandenhoute@ing.com

Benjamin Schroeder

Senior Rates Strategist

benjamin.schroeder@ing.com

Chris Turner

Global Head of Markets and Regional Head of Research for UK & CEE

chris.turner@ing.com

Gustavo Rangel

Chief Economist, LATAM

+1 646 424 6464

gustavo.rangel@ing.com

Carlo Cocuzzo

Economist, Digital Finance

+44 20 7767 5306

carlo.cocuzzo@ing.com

Thailand's central bank leaves policy on hold

We maintain our view of no change to the Bank of Thailand policy anytime soon



Source: Shutterstock

We recently revised our USD/THB forecast for end-2018 to 32.3 from 31.0. However, just as for most other emerging market currencies, the new forecast could become stale sooner rather than later. We maintain our view of no change to the BoT policy anytime soon.

1.5% BoT policy rate
No change

As expected

On-hold monetary policy

As widely expected, The Bank of Thailand's (BoT) monetary policy committee unanimously decided

to leave policy unchanged at the meeting held today. The decision comes as the Thai baht (THB) weakened 3% against the US dollar over one month, while there were no other economic motives for change from an on-hold policy stance that's been in place for over three years now. The last policy move was a 25bp cut to the policy rate to 1.50% in April 2015, marking the end of that easing cycle.

Weakening currency

The 16% THB appreciation against USD from end-2016 through April this year allows the central bank to accommodate some depreciation pressure. The broad USD strength and outflows from the local bond market since April are associated with a 3% depreciation of the THB above the 32 level against USD. The hit to local currency bonds is evident in a 20bp spike in the 10-year yield, the steepest selloff since late 2016.

Today's policy statement noted that, "In the period ahead, the baht would likely remain volatile mainly due to uncertainties pertaining to monetary, fiscal and foreign trade policies among major advanced economies."

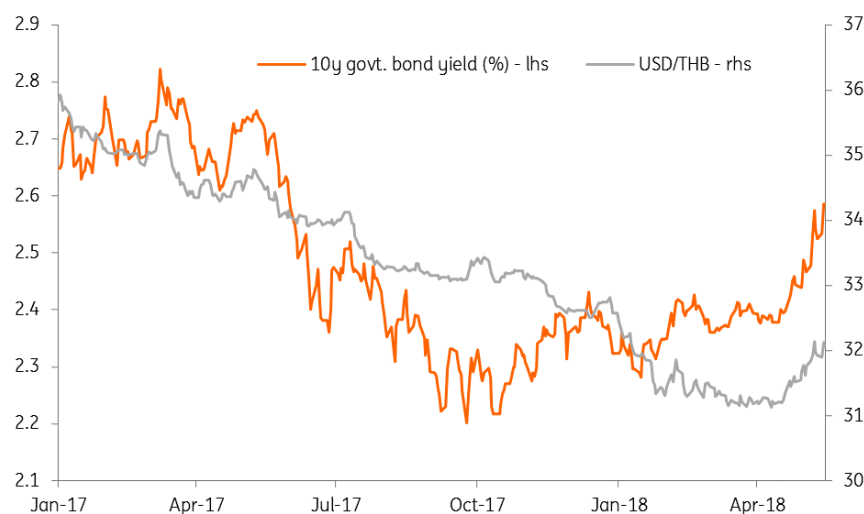
The only support for the currency is the prevalence of large current account surpluses, which amounted to \$48bn or about 11% of GDP in each of the last two years, and at \$17bn in the first quarter of 2018 was \$2bn wider on the year.

Slow growth, low inflation

Thailand's GDP growth is poised to moderate as the data for the first quarter of 2018 is expected to show next week (May 21), while inflation remains negligible at 1.1% in April or close to the low end of the BoT's 1-4% medium-term target. As elsewhere, high household debt further constrains any monetary tightening along the way.

With expectations of these trends continuing, we aren't forecasting any change to the BoT policy for the rest of the year.

Weakening government bonds and THB



Source: Bloomberg, ING

Author

Alissa Lefebre

Economist

alissa.lefebvre@ing.com

Deepali Bhargava

Regional Head of Research, Asia-Pacific

Deepali.Bhargava@ing.com

Ruben Dewitte

Economist

+32495364780

ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee

kinga.havasi@ing.com

Marten van Garderen

Consumer Economist, Netherlands

marten.van.garderen@ing.com

David Havrlant

Chief Economist, Czech Republic

420 770 321 486

david.havrlant@ing.com

Sander Burgers

Senior Economist, Dutch Housing

sander.burgers@ing.com

Lynn Song

Chief Economist, Greater China

lynn.song@asia.ing.com

Michiel Tukker

Senior European Rates Strategist

michiel.tukker@ing.com

Michal Rubaszek

Senior Economist, Poland

michal.rubaszek@ing.pl

This is a test author

Stefan Posea

Economist, Romania

tiberiu-stefan.posea@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Jesse Norcross

Senior Sector Strategist, Real Estate

jesse.norcross@ing.com

Teise Stellema

Research Assistant, Energy Transition

teise.stellema@ing.com

Diederik Stadig

Sector Economist, TMT & Healthcare

diederik.stadig@ing.com

Diogo Gouveia

Sector Economist

diogo.duarte.vieira.de.gouveia@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Ewa Manthey

Commodities Strategist

ewa.manthey@ing.com

ING Analysts

James Wilson

EM Sovereign Strategist

James.wilson@ing.com

Sophie Smith

Digital Editor

sophie.smith@ing.com

Frantisek Taborsky

EMEA FX & FI Strategist

frantisek.taborsky@ing.com

Adam Antoniak

Senior Economist, Poland

adam.antoniak@ing.pl

Min Joo Kang

Senior Economist, South Korea and Japan

min.joo.kang@asia.ing.com

Coco Zhang

ESG Research

coco.zhang@ing.com

Jan Frederik Slijkerman

Senior Sector Strategist, TMT

jan.frederik.slijkerman@ing.com

Katinka Jongkind

Senior Economist, Services and Leisure

Katinka.Jongkind@ing.com

Marina Le Blanc

Sector Strategist, Financials

Marina.Le.Blanc@ing.com

Samuel Abettan

Junior Economist

samuel.abettan@ing.com

Franziska Biehl

Senior Economist, Germany

Franziska.Marie.Biehl@ing.de

Rebecca Byrne

Senior Editor and Supervisory Analyst

rebecca.byrne@ing.com

Mirjam Bani

Sector Economist, Commercial Real Estate & Public Sector (Netherlands)

mirjam.bani@ing.com

Timothy Rahill

Credit Strategist

timothy.rahill@ing.com

Leszek Kasek

Senior Economist, Poland

leszek.kasek@ing.pl

Oleksiy Soroka, CFA

Senior High Yield Credit Strategist

oleksiy.soroka@ing.com

Antoine Bouvet

Head of European Rates Strategy

antoine.bouvet@ing.com

Jeroen van den Broek

Global Head of Sector Research

jeroen.van.den.broek@ing.com

Edse Dantuma

Senior Sector Economist, Industry and Healthcare

edse.dantuma@ing.com

Francesco Pesole

FX Strategist

francesco.pesole@ing.com

Rico Luman

Senior Sector Economist, Transport and Logistics

Rico.Luman@ing.com

Jurjen Witteveen

Sector Economist

jurjen.witteveen@ing.com

Dmitry Dolgin

Chief Economist, CIS

dmitry.dolgin@ing.de

Nicholas Mapa

Senior Economist, Philippines

nicholas.antonio.mapa@asia.ing.com

Egor Fedorov

Senior Credit Analyst

egor.fedorov@ing.com

Sebastian Franke

Consumer Economist

sebastian.franke@ing.de

Gerben Hieminga

Senior Sector Economist, Energy

gerben.hieminga@ing.com

Nadège Tillier

Head of Corporates Sector Strategy

nadege.tillier@ing.com

Charlotte de Montpellier

Senior Economist, France and Switzerland

charlotte.de.montpellier@ing.com

Laura Straeter

Behavioural Scientist

+31(0)611172684

laura.Straeter@ing.com

Valentin Tataru

Chief Economist, Romania

valentin.tataru@ing.com

James Smith

Developed Markets Economist, UK

james.smith@ing.com

Suvi Platerink Kosonen

Senior Sector Strategist, Financials

suvi.platerink-kosonen@ing.com

Thijs Geijer

Senior Sector Economist, Food & Agri

thijs.geijer@ing.com

Maurice van Sante

Senior Economist Construction & Team Lead Sectors

maurice.van.sante@ing.com

Marcel Klok

Senior Economist, Netherlands

marcel.klok@ing.com

Piotr Poplawski

Senior Economist, Poland

piotr.poplawski@ing.pl

Paolo Pizzoli

Senior Economist, Italy, Greece

paolo.pizzoli@ing.com

Marieke Blom

Chief Economist and Global Head of Research

marieke.blom@ing.com

Raoul Leering

Senior Macro Economist
raoul.leering@ing.com

Maarten Leen
Head of Global IFRS9 ME Scenarios
maarten.leen@ing.com

Maureen Schuller
Head of Financials Sector Strategy
Maureen.Schuller@ing.com

Warren Patterson
Head of Commodities Strategy
Warren.Patterson@asia.ing.com

Rafal Benecki
Chief Economist, Poland
rafal.benecki@ing.pl

Philippe Ledent
Senior Economist, Belgium, Luxembourg
philippe.ledent@ing.com

Peter Virovacz
Senior Economist, Hungary
peter.virovacz@ing.com

Inga Fechner
Senior Economist, Germany, Global Trade
inga.fechner@ing.de

Dimitry Fleming
Senior Data Analyst, Netherlands
Dimitry.Fleming@ing.com

Ciprian Dascalu
Chief Economist, Romania
+40 31 406 8990
ciprian.dascalu@ing.com

Muhammet Mercan
Chief Economist, Turkey
muhammet.mercan@ingbank.com.tr

Iris Pang
Chief Economist, Greater China
iris.pang@asia.ing.com

Sophie Freeman

Writer, Group Research

+44 20 7767 6209

Sophie.Freeman@uk.ing.com

Padhraic Garvey, CFA

Regional Head of Research, Americas

padhraic.garvey@ing.com

James Knightley

Chief International Economist, US

james.knightley@ing.com

Tim Condon

Asia Chief Economist

+65 6232-6020

Martin van Vliet

Senior Interest Rate Strategist

+31 20 563 8801

martin.van.vliet@ing.com

Karol Pogorzelski

Senior Economist, Poland

Karol.Pogorzelski@ing.pl

Carsten Brzeski

Global Head of Macro

carsten.brzeski@ing.de

Viraj Patel

Foreign Exchange Strategist

+44 20 7767 6405

viraj.patel@ing.com

Owen Thomas

Global Head of Editorial Content

+44 (0) 207 767 5331

owen.thomas@ing.com

Bert Colijn

Chief Economist, Netherlands

bert.colijn@ing.com

Peter Vanden Houte

Chief Economist, Belgium, Luxembourg, Eurozone

peter.vandenhoute@ing.com

Benjamin Schroeder

Senior Rates Strategist

benjamin.schroeder@ing.com**Chris Turner**

Global Head of Markets and Regional Head of Research for UK & CEE

chris.turner@ing.com**Gustavo Rangel**

Chief Economist, LATAM

+1 646 424 6464

gustavo.rangel@ing.com**Carlo Cocuzzo**

Economist, Digital Finance

+44 20 7767 5306

carlo.cocuzzo@ing.com**Disclaimer**

This publication has been prepared by the Economic and Financial Analysis Division of ING Bank N.V. ("ING") solely for information purposes without regard to any particular user's investment objectives, financial situation, or means. *ING forms part of ING Group (being for this purpose ING Group N.V. and its subsidiary and affiliated companies)*. The information in the publication is not an investment recommendation and it is not investment, legal or tax advice or an offer or solicitation to purchase or sell any financial instrument. Reasonable care has been taken to ensure that this publication is not untrue or misleading when published, but ING does not represent that it is accurate or complete. ING does not accept any liability for any direct, indirect or consequential loss arising from any use of this publication. Unless otherwise stated, any views, forecasts, or estimates are solely those of the author(s), as of the date of the publication and are subject to change without notice.

The distribution of this publication may be restricted by law or regulation in different jurisdictions and persons into whose possession this publication comes should inform themselves about, and observe, such restrictions.

Copyright and database rights protection exists in this report and it may not be reproduced, distributed or published by any person for any purpose without the prior express consent of ING. All rights are reserved. ING Bank N.V. is authorised by the Dutch Central Bank and supervised by the European Central Bank (ECB), the Dutch Central Bank (DNB) and the Dutch Authority for the Financial Markets (AFM). ING Bank N.V. is incorporated in the Netherlands (Trade Register no. 33031431 Amsterdam). In the United Kingdom this information is approved and/or communicated by ING Bank N.V., London Branch. ING Bank N.V., London Branch is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. ING Bank N.V., London branch is registered in England (Registration number BR000341) at 8-10 Moorgate, London EC2 6DA. For US Investors: Any person wishing to discuss this report or effect transactions in any security discussed herein should contact ING Financial Markets LLC, which is a member of the NYSE, FINRA and SIPC and part of ING, and which has accepted responsibility for the distribution of this report in the United States under applicable requirements.

Additional information is available on request. For more information about ING Group, please visit www.ing.com.