

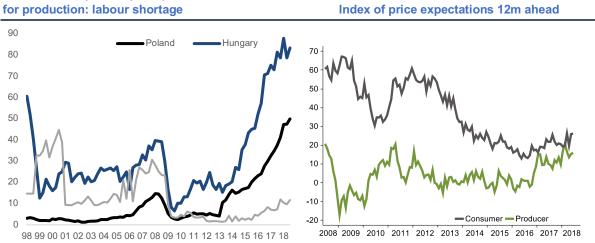
Hungary Macro Monitoring

Hungary: Not as dormant as it may appear

The MNB has kept its monetary policy stance "cautious, but loose", unchanged since the spring. The MPC's communication appears puzzling to many, given the very tight labour market and gradually rising inflation.

In the last week, however, significant government measures have been announced that should support the Council's neutral stance. The government is planning to fire 15-20% of the public administration, and introduce the flexibility and incentives needed to bring back workers from retirement. This, in our calculations, could unlock 250k workers, and potentially more, which would significantly alleviate the labour shortage in the near term. The MNB also released its "180 steps" plan to boost competitiveness, in line with the Cabinet's priority to increase competitiveness. We believe this document should be taken seriously by investors, as the Orban administration has a track record of announcing and implementing its goals.

The Monetary Policy Council kept interest rates unchanged this week, and the tone of the press statement was not particularly different to previous ones. The Council reiterates that its sole goal is inflation and that it takes into consideration all factors to assess whether inflation will be sustainable at 3% in five to eight quarters. It noted that inflation rose recently, but expects the inflationary effect of world crude prices to subside in the near term, and noted that wage pressures and inflation expectations remain modest.



Industrial companies' perception of the bottlenecks

Source: Macrobond, ADA Economics



In the last week, the government has announced critical measures, in our view, that will have an impact on both monetary policy and the growth potential of the economy, in the long run. Three broad sets of measures were announced that should have an impact fairly quickly: we guess in under 12 months:

- The number of jobs in the public administration will be reduced by 15-20%, which implies around 86k of redundancies.

- Individuals that have reached retirement age will be allowed to return to work if they wish and, should they do so, there will be a fiscal incentive for both employers and employees. It is difficult to say how many workers could return to work, as a recent survey by GKI showed that half of retirees would like to go back to work, but it will depend on whether they are sufficiently fit to do so. We assume that around 150k workers return to the labour force.

- The government will deploy HUF 16bn to boost the productivity of construction companies, which have been particularly badly hit by the labour shortage.

Together, these measures should, in our view, unlock at least 250,000 workers within two years, who could be redeployed elsewhere in the private sector. Given that the current number of unemployed is 165,000, with an unemployment rate of 3.5%, we believe that such an increase in available labour should significantly reduce the pace of wage growth in the next two years, from our current expectation of 12-15% through to the end of the decade, to perhaps c.7-8%, on average, going forward.

Of course, these measures do not immediately address the relatively low productivity of some segments of the labour market - the workers that will become available may not have the appropriate skills for the manufacturing and services sectors – but at least it should temporarily reduce the problem.

For the long term, one of the key priorities announced for Orban's third term is to boost productivity, especially within the SME sector. The MNB recently released a "180 steps" plan to support that goal, and to accelerate the convergence process in the next 15 years. The programme includes the following key aims:

- Boosting the quality of education and healthcare services, and supporting a family friendly environment overall. It is critical to note that the MNB suggests widespread support for education in a second language. Over time, this would reduce one of Hungary's biggest production bottlenecks: there are simply not that many people that speak Hungarian, while the economy is cruising at a pace of growth of 3-4%.

- Productivity growth of around 4% a year.
- Boosting the investment rate to 23-25%, from 20-21% currently.

- Tax reductions of a further 5ppt on the labour tax wedge and extending the MAT plan (a scheme that provides a tax discount to companies that hire less-qualified workers), with the aim of increasing the employment rate further, and facilitating the return of Hungarian workers living abroad (which may bring home at least 100,000 workers).

- Improving the efficiency of the public administration, including: a boost in the number of digital public services available (currently, Hungary appears well below the average in the EU); a reduction in the number of hours spent on "red tape"; and attempting to further "whiten" the economy.



- Favouring import substitution, to keep the current account in surplus and develop local production capacities, while continuing to support export capacity.

- In order to boost the productivity of SMEs, the government plans to encourage the process of gaining scale via: supporting production clusters; fiscal support for investment; and creating support centres to boost management knowledge at the SME level.

- Boosting the quality of infrastructure, particularly railways and upgrading the electrical network (and significantly increasing energy efficiency).

We believe that the "180 steps" plan is an important document, even though it does not contain the "funding plan" for these measures. The Orban administration has proven time and time again that it can deliver its objectives, and has the political and skills abilities to do it, so we do not believe that this time will be different. However, this is more ambitious, and should be interpreted as a plan to unfold over a decade. Equally important, the content of the measures signals a change in the growth strategy, in our view, and a focus on increasing the quality of life of families should be a critical competitive edge in the current world, especially while Hungary still benefits from below-EU average wages.

These measures will probably lead to a lower wage growth path than we had priced into our inflation models, and thus pose some downside risk to our call for 100bp of tightening next year. While we do not believe this plan takes away the case for rate hikes completely, we do flag the risk of a delay to 2020E. Ultimately, all these measures imply that potential growth in Hungary could increase from around 3% to around 4%, which would place Hungary at the top of the growth potential league in the region: above Poland, Romania and Turkey, probably. In addition, this strategy, in our view, should facilitate a less-severe economic downturn compared with Hungary's historical experience when the bottom of the business cycle is hit.

Our view on the currency does not change as a result of these announcements. The balance of payments in the coming 18 months will be largely dictated by the narrowing of the trade surplus (as global growth moderates, while domestic demand stays strong) and a growing risk of capital outflows via the "other" investment segment, which reflects a reallocation of capital by multinationals abroad. We thus reiterate the view of average HUF 330/EUR rate in 2018E and 2019E.

ADA Team, 22nd August 2018



Disclaimer

TERMS AND CONDITIONS OF USE

YOU AGREE THAT YOU ARE USING THIS REPORT AND THE ADA Economics Ltd ("ADA") SERVICES AT YOUR OWN RISK AND LIABILITY. NEITHER ADA NOR ANY DIRECTOR, OFFICER, EMPLOYEE OR AGENT OF ADA ACCEPTS ANY LIABILITY WHATSOEVER FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, MORAL, INCIDENTAL, COLLATERAL OR SPECIAL DAMAGES, OR LOSSES OF ANY KIND, INCLUDING, WITHOUT LIMITATION, THOSE DAMAGES ARISING FROM ANY DECISION MADE OR ACTION TAKEN BY YOU IN RELIANCE ON THE CONTENT OF THIS REPORT, OR THOSE DAMAGES RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER FROM THE USE OF OR INABILITY TO USE ANY CONTENT OR SOFTWARE OBTAINED FROM THIRD PARTIES REQUIRED TO OBTAIN ACCESS TO THE CONTENT, OR ANY OTHER CAUSE, EVEN IF ADA IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSSES, AND EVEN IF CAUSED BY ANY ACT, OMISSION OR NEGLIGENCE OF ADA OR ITS DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS, AND EVEN IF ANY OF THEM HAS BEEN APPRISED OF THE LIKELIHOOD OF SUCH DAMAGES OCCURRING.

I/ Copyright 2018 ADA. All rights reserved.

This report may provide information, commentary on and the discussion of issues relating to the state of the economy and the capital markets. All opinions, projections and estimates constitute the judgment of the author as of the date of the report and are subject to change without notice. ADA is under no obligation to update this report and readers should therefore assume that ADA will not update any fact, circumstance or opinion contained in this report.

The content of this report is provided for discussion purposes only. Any forward-looking statements or forecasts included in the content are based on assumptions derived from historical results and trends. Actual results may vary from any such statements or forecasts. No reliance should be placed on any such statements or forecasts when making any investment decision, and no investment decisions should be made based on the content of this report.

This report is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and particular needs of any specific person. Under no circumstances does any information represent a recommendation to buy or sell securities or any other asset, or otherwise constitute investment advice. Investors should seek financial advice regarding the appropriateness of investing in specific securities or financial instruments and implementing the investment strategies discussed or recommended in this report.

This report should not be regarded by recipients as a substitute for the exercise of their own judgment and readers are encouraged to seek independent, third-party research on any companies discussed or affected by this report.

Securities and other financial instruments discussed in this report are not insured and are not deposits or other obligations of any insured depository institution. Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counter-party default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. In some cases, securities and other financial instruments may be difficult to value or sell, and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that the price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance.



Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned in this report. Investors in such securities and instruments effectively assume currency risk.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

Individuals identified as economists in this report do not function as research analysts. Under U.S. law, reports prepared by them are not research reports under applicable U.S. rules and regulations.

In accordance with rules established by the U.K. Financial Services Authority, macroeconomic analysis is NOT considered investment research.

Materials prepared by ADA research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of ADA.

To the extent that this report discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this report. ADA research personnel's knowledge of legal proceedings in which any ADA entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving companies mentioned in this report is based on public information. Facts and views presented in this material that relate to any such proceedings have not been reviewed by, nor discussed with, and may not reflect information known to, professionals in other business areas of ADA in connection with the legal proceedings or matters relevant to such proceedings.

The information herein (other than the disclosure information relating to ADA and its affiliates) was obtained from various sources and, while all efforts have been made to provide accurate information, ADA does not guarantee its accuracy. This report may contain links to third-party websites. ADA is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this report and is not incorporated by reference into this report. The inclusion of a link in this report does not imply any endorsement by or any affiliation with ADA.

Any unauthorised use or disclosure is prohibited.



TERMS AND CONDITIONS OF USE

YOU AGREE THAT YOU ARE USING THIS REPORT AND THE ADA Economics Ltd ("ADA") SERVICES AT YOUR OWN RISK AND LIABILITY. NEITHER ADA NOR ANY DIRECTOR, OFFICER, EMPLOYEE OR AGENT OF ADA ACCEPTS ANY LIABILITY WHATSOEVER FOR ANY DIRECT, INDIRECT, CONSEQUENTIAL, MORAL, INCIDENTAL, COLLATERAL OR SPECIAL DAMAGES, OR LOSSES OF ANY KIND, INCLUDING, WITHOUT LIMITATION, THOSE DAMAGES ARISING FROM ANY DECISION MADE OR ACTION TAKEN BY YOU IN RELIANCE ON THE CONTENT OF THIS REPORT, OR THOSE DAMAGES RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER FROM THE USE OF OR INABILITY TO USE ANY CONTENT OR SOFTWARE OBTAINED FROM THIRD PARTIES REQUIRED TO OBTAIN ACCESS TO THE CONTENT, OR ANY OTHER CAUSE, EVEN IF ADA IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSSES, AND EVEN IF CAUSED BY ANY ACT, OMISSION OR NEGLIGENCE OF ADA OR ITS DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS, AND EVEN IF ANY OF THEM HAS BEEN APPRISED OF THE LIKELIHOOD OF SUCH DAMAGES OCCURRING.

I/ Copyright 2018 ADA. All rights reserved.

This report may provide information, commentary on and the discussion of issues relating to the state of the economy and the capital markets. All opinions, projections and estimates constitute the judgment of the author as of the date of the report and are subject to change without notice. ADA is under no obligation to update this report and readers should therefore assume that ADA will not update any fact, circumstance or opinion contained in this report.

The content of this report is provided for discussion purposes only. Any forward-looking statements or forecasts included in the content are based on assumptions derived from historical results and trends. Actual results may vary from any such statements or forecasts. No reliance should be placed on any such statements or forecasts when making any investment decision, and no investment decisions should be made based on the content of this report.

This report is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and particular needs of any specific person. Under no circumstances does any information represent a recommendation to buy or sell securities or any other asset, or otherwise constitute investment advice. Investors should seek financial advice regarding the appropriateness of investing in specific securities or financial instruments and implementing the investment strategies discussed or recommended in this report.

This report should not be regarded by recipients as a substitute for the exercise of their own judgment and readers are encouraged to seek independent, third-party research on any companies discussed or affected by this report.

Securities and other financial instruments discussed in this report are not insured and are not deposits or other obligations of any insured depository institution. Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counter-party default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. In some cases, securities and other financial instruments may be difficult to value or sell, and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that the price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned in this report. Investors in such securities and instruments effectively assume currency risk.



Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

Individuals identified as economists in this report do not function as research analysts. Under U.S. law, reports prepared by them are not research reports under applicable U.S. rules and regulations.

In accordance with rules established by the U.K. Financial Services Authority, macroeconomic analysis is NOT considered investment research.

Materials prepared by ADA research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of ADA.

To the extent that this report discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this report. ADA research personnel's knowledge of legal proceedings in which any ADA entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving companies mentioned in this report is based on public information. Facts and views presented in this material that relate to any such proceedings have not been reviewed by, nor discussed with, and may not reflect information known to, professionals in other business areas of ADA in connection with the legal proceedings or matters relevant to such proceedings.

The information herein (other than the disclosure information relating to ADA and its affiliates) was obtained from various sources and, while all efforts have been made to provide accurate information, ADA does not guarantee its accuracy. This report may contain links to third-party websites. ADA is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this report and is not incorporated by reference into this report. The inclusion of a link in this report does not imply any endorsement by or any affiliation with ADA.

Any unauthorised use or disclosure is prohibited.