

The background of the entire page is a photograph of a notebook. The notebook is open, showing several pages. On the left page, there is a bar chart with five bars of increasing height, colored in a rainbow gradient from blue to orange. On the right page, there is a circular diagram with concentric rings and segments, also in a rainbow gradient. A silver pen lies horizontally across the bottom of the notebook pages. The overall scene is brightly lit, suggesting a professional or analytical setting.

ECOPULSE

January 2023

MONTHLY PULSE OF ECONOMIC INDICATORS



BNP PARIBAS

The bank for a changing world

SPAIN

Activity treads water

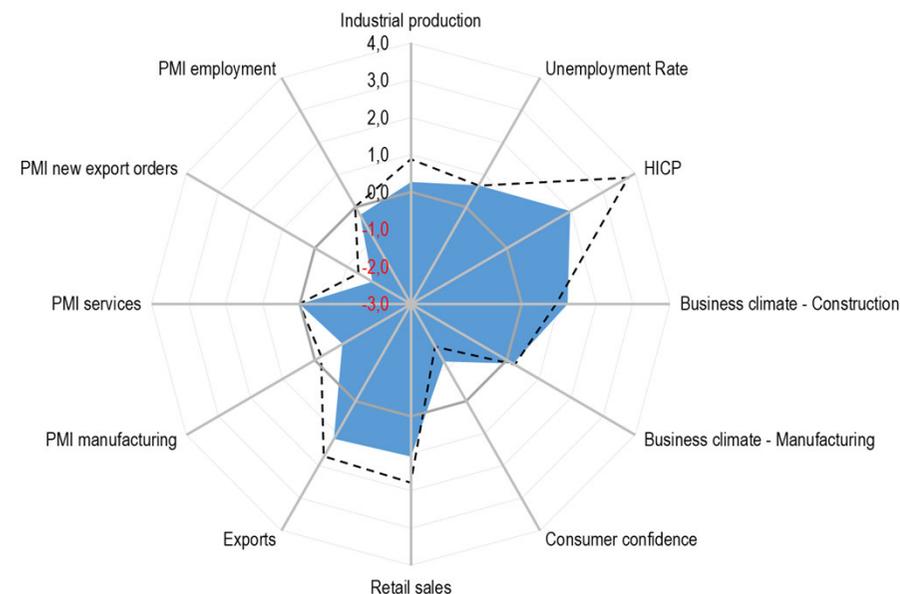
While still high, inflation has fallen sharply since its peak in July, thanks to measures to freeze energy prices, most of which will be maintained in 2023. At the end of December the Prime Minister Pedro Sanchez also unveiled a new budget of EUR 10 bn intended to support households and which includes the temporary abolition of VAT (from 4% to 0%) on a list of essential products.

This will help to contain food price inflation and counteract the upward pressure on prices caused by the end of the fuel rebate since 1st January 2023. As household confidence is strongly correlated with inflation it rebounded in the second half of 2022, but is still well below what it was before the war in Ukraine.

The labour market has been resilient despite the multiple shocks in 2022. According to the Spanish state employment service (SEPE), employment in the country rose by 3.9% over 2022 as a whole. The momentum slowed very slightly in December: recruitment fell by 8,300, the first drop since April 2021. However, PMI surveys do not suggest that a decline in recruitment is on the horizon. The composite PMI index for employment rose in Q4 and moved back above the 50 threshold.

The clear slowdown in economic growth in Spain in Q3 2022 could continue this winter, resulting in a potential downturn in activity. Industrial production has been on a downward trend since autumn, impacted by the fall in activity in the energy sector. The decline was very much greater in November 2022 (-8.3% m/m), following on from an already significant contraction the previous month (-3.1% m/m). However, manufacturing activity remained at a stable level, thanks to an increase in the production of consumer goods.

Economic indicators quarterly changes



Source: Refinitiv, BNP Paribas.

The indicators in the radar are all transformed into 'z-scores' (deviations from the long-term average, as standard deviations). These z-scores have mean zero and their values are between -3 and +4. In the radar chart, the blue area shows the actual conditions of economic activity. It is compared with the situation four months earlier (dotted-line). An expansion of the blue area compared to the dotted area signals an increase in the variable.

GDP growth q/q: actual, carry-over and forecasts

Actual		Forecast	Carry-over	Forecast		Carry-over	Annual growth forecasts (y/y)			
Q1 2022	Q2 2022	Q3 2022	Q4 2022	end 2022	Q1 2023	Q2 2023	mid 2023	2022	2023	2024
0,1	2,0	0,1	0,1	0,6	-0,3	0,2	0,4	5,3	0,6	1,4

BNP PARIBAS ECONOMIC RESEARCH

William De Vijlder
Chief Economist +33 1 55 77 47 31 william.devijlder@bnpparibas.com

OECD ECONOMIES AND STATISTICS

Hélène Baudchon
Head - Eurozone - Climate +33 1 58 16 03 63 helene.baudchon@bnpparibas.com

Felix Berte
United States, United Kingdom +33 1 40 14 01 42 felix.berte@bnpparibas.com

Stéphane Colliac
France +33 1 42 98 43 86 stephane.colliac@bnpparibas.com

Guillaume Derrien
Southern Europe, Japan - International trade +33 1 55 77 71 89 guillaume.a.derrien@bnpparibas.com

Veary Bou, Tarik Rharrab
Statistics

ECONOMIC PROJECTIONS, RELATIONSHIP WITH THE FRENCH NETWORK

Jean-Luc Proutat
Head +33 1 58 16 73 32 jean-luc.proutat@bnpparibas.com

BANKING ECONOMICS

Laurent Quignon
Head +33 1 42 98 56 54 laurent.quignon@bnpparibas.com

Céline Choulet
+33 1 43 16 95 54 celine.choulet@bnpparibas.com

Thomas Humblot
+33 1 40 14 30 77 thomas.humblot@bnpparibas.com

Marianne Mueller
+33 1 40 14 48 11 marianne.mueller@bnpparibas.com

EMERGING ECONOMIES AND COUNTRY RISK

François Faure
Head - Argentina, Turkey - Methodology, Modelling +33 1 42 98 79 82 francois.faure@bnpparibas.com

Christine Peltier
Deputy Head - Greater China, Vietnam - Methodology +33 1 42 98 56 27 christine.peltier@bnpparibas.com

Stéphane Alby
Africa (French-speaking countries) +33 1 42 98 02 04 stephane.alby@bnpparibas.com

Pascal Devaux
Middle East, Balkan countries +33 1 43 16 95 51 pascal.devaux@bnpparibas.com

Hélène Drouot
South Korea, Philippines, Thailand, Andean countries +33 1 42 98 33 00 helene.drouot@bnpparibas.com

Salim Hammad
Latin America +33 1 42 98 74 26 salim.hammad@bnpparibas.com

Cynthia Kalasopatan Antoine
Ukraine, Central European countries +33 1 53 31 59 32 cynthia.kalasopatan.antoine@bnpparibas.com

Johanna Melka
India, South Asia, Russia, Kazakhstan +33 1 58 16 05 84 johanna.melka@bnpparibas.com

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 instruments discussed herein. Any reference to past performance should not be taken as an indication of future performance. To the fullest extent permitted by law, no BNP Paribas group company accepts any liability whatsoever (including in negligence) for 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 there is no intention to update this report. BNP Paribas SA and its affiliates (collectively "BNP Paribas") may make a market in, or may, as principal or agent, buy or sell securities of any issuer or person mentioned in this report or derivatives thereon. BNP Paribas may have a financial interest in 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 this report are included for information purposes. Numerous factors will affect market pricing 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, from time to time, solicit, perform or have performed investment banking, underwriting or other services (including acting as adviser, manager, underwriter or lender) within the last 12 months for any person referred to in this report. BNP Paribas may be a party to an agreement with any person relating to the production of this report. BNP Paribas, may to the extent permitted by law, have acted upon or used the information contained herein, or the research or analysis on which it was based, before its publication. BNP Paribas may receive or intend to seek compensation for investment banking services in the next three months from or in relation to any person mentioned in this report. Any person mentioned in this report may have been provided with sections of this report prior to its publication in order to verify its factual accuracy.

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 authorised and supervised by the Autorité de Contrôle Prudentiel and authorised 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 am 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 authorised 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. BNP Paribas Securities Corp. accepts 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.

Japan: This report is being distributed in Japan by BNP Paribas Securities (Japan) Limited or by a subsidiary or affiliate of BNP Paribas not registered as a financial instruments firm in Japan, to certain financial institutions defined by article 17-3, Item 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 Futures Association 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 Bank under 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

The bank for a changing world

ECONOMIC RESEARCH | ECOPULSE | 3