

Which EU country is winning our economic pentathlon?

We've ranked countries on five measures



image: george wylesol

Oct 12th 2023

The European economies are in for a troubling few years. Germany is probably in recession. The European Commission is forecasting growth of just 0.8% for the EU as a whole in 2023, and little more in 2024. Inflation is coming down only slowly, prompting the European Central Bank (ECB) to raise rates yet again at its September meeting. Business confidence continues to worsen. The commission has asked the ECB's former boss, Mario Draghi, to come up with a plan to strengthen Europe's economy. It could make a book, working title: "Whatever it Takes (to Grow)".

The Economist's assessment

Final medals table, awarded in five areas: demand, debt, demography, decarbonisation & decoupling

| | Gold | Silver | Bronze |
|-------------|---------|---------|-------------|
| Ireland | ■ ■ ■ ■ | ■ | |
| Malta | ■ ■ ■ ■ | | ■ |
| Cyprus | ■ ■ ■ ■ | ■ ■ | |
| Luxembourg | ■ ■ ■ ■ | ■ ■ | |
| Denmark | ■ ■ ■ ■ | ■ | ■ |
| Croatia | ■ ■ ■ ■ | | ■ ■ |
| France | ■ ■ | ■ ■ ■ ■ | |
| Latvia | ■ ■ | | ■ ■ ■ ■ |
| Sweden | ■ ■ | ■ | ■ ■ ■ ■ |
| Greece | ■ ■ | | ■ ■ ■ ■ |
| Lithuania | ■ ■ | | ■ ■ ■ ■ |
| Romania | ■ | ■ ■ ■ ■ | ■ |
| Estonia | ■ | ■ ■ ■ ■ | ■ |
| Bulgaria | ■ | ■ ■ | ■ ■ ■ ■ |
| Finland | ■ | ■ ■ | ■ ■ ■ ■ |
| Portugal | ■ | ■ ■ | ■ ■ ■ ■ |
| Austria | ■ | ■ | ■ ■ ■ ■ |
| Germany | ■ | ■ | ■ ■ ■ ■ |
| Slovenia | ■ | ■ | ■ ■ ■ ■ |
| Spain | | ■ ■ ■ ■ | ■ |
| Netherlands | | ■ ■ ■ ■ | ■ ■ ■ ■ |
| Poland | | ■ ■ ■ ■ | ■ ■ ■ ■ |
| Belgium | | ■ ■ | ■ ■ ■ ■ |
| Czech Rep. | | ■ ■ | ■ ■ ■ ■ |
| Italy | | ■ ■ | ■ ■ ■ ■ |
| Slovakia | | ■ ■ | ■ ■ ■ ■ |
| Hungary | | ■ | ■ ■ ■ ■ ■ ■ |

Source: The Economist

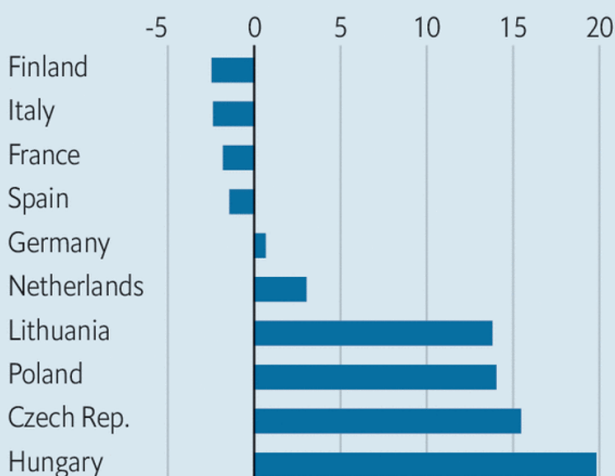
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Not all countries are equally affected, though. As our calculations show, they perform differently on the five major challenges that are facing all European economies. Demand will have to be lowered to fight inflation; and the resulting higher rates on debt-piles will weigh against spending. Ageing societies lose workers to retirement faster than youngsters enter the labour market. Meanwhile, the fight against climate change requires industry to transform; and trading with autocracies is increasingly a risk in the new geopolitical age. Welcome to our European economic pentathlon, where we award each country a gold, silver or bronze medal in each of the five disciplines, according to our assessment of their performance.

The data behind it: demand

Core consumer prices*, cumulative deviation from euro-area weighted average

Selected EU countries, Aug 2020-Aug 2023, % points



*Excludes energy, food, alcohol and tobacco

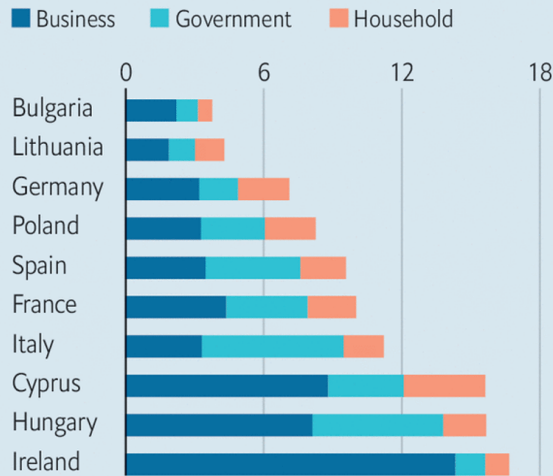
Source: Eurostat

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We start with **demand**. The ecb is required to increase interest rates to bring down inflation. That is not always working according to plan. In Austria annual inflation is still at 5.8%, while it is down to 2.4% in Greece, close to the ecb target of 2%. The same interest rate could thus soon be too low for some, and too high for others. Additionally, the central banks of the seven eu countries that are not in the euro tend to try to ensure that their economies do not get too out of whack with the euro zone. Ideally, inflation in all eu countries should be close to the euro-zone average, even in those outside it. Those whose inflation rate deviates too much from the euro-zone average (currently 4.3%), whether below or above it, will have a costly period of adjustment ahead of them.

The data behind it: debt

Debt-servicing costs at current interest rates*
Selected EU countries, Q1 2023 or latest, % of GDP



*July/August 2023 interest rates applied to entire debt stock
Sources: ECB; Eurostat

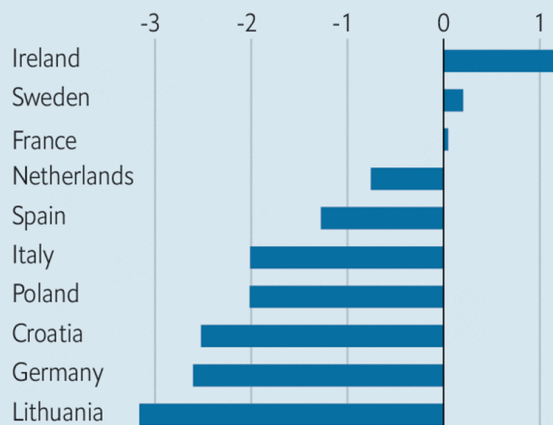
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Next, **debt**. Higher interest rates will hit countries harder if they already have high public or private borrowing. To make a fair comparison of relative profligacy, we calculate the debt-servicing costs, as a share of gdp, on the total stock of firms', households' and governments' debt as if the rates charged currently on new loans or bonds applied to the whole stock. The reason why that is a fair comparison is that as older debt matures, it will need to be rolled over onto the new rates. Tax havens such as Ireland, Cyprus or Luxembourg have high corporate debt without it affecting the local economy much. But in Hungary, the Scandinavian countries and the Netherlands, private debt servicing is likely to be a drag on consumption, construction and investment. In the Netherlands, a drop in pension assets of households over recent years will add to the problem. In Italy and Greece, it is mostly governments that will soon

have to set aside more funds for debt servicing.

The data behind it: demography

Net change* in labour force aged 15-64
Selected EU countries, 2022, % points



*Difference between share of population aged 60-64 and share aged 15-19
Sources: Eurostat; The Economist

The Economist

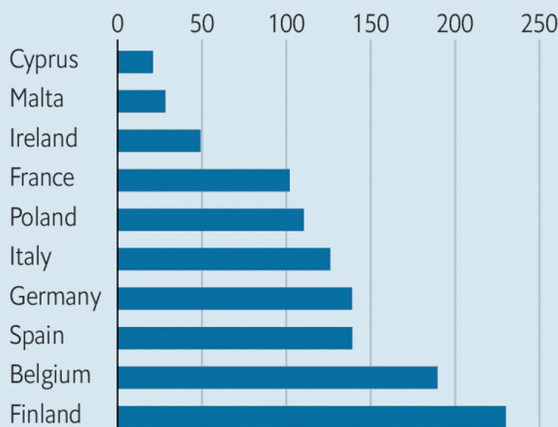
Now to **demography**. The struggle with ageing is one of the long-distance disciplines in our pentathlon. Successful countries have in the past stabilised their birth rate, brought in immigrants to enrich their economies, encouraged workers to stay on the job well into their 60s and got men to do their share of care work at home so that women can tap their full economic potential in the labour market.

We measure what countries are now up against. We calculate the net shrinkage of the available labour force, without migration: the number of people aged 60-64, who are close to retirement, minus the youngsters aged 15-19, who are soon entering the labour market. At the bottom are central and eastern European countries, as well as the gerontocracies of the west, Germany and Italy.

The number of native workers in Sweden, France or Denmark will remain similarly plentiful in the next few years. Among the eu's eastern members, Hungary, the Czech Republic and Romania are doing better on this measure than many western eu countries.

The data behind it: decarbonisation

Industrial electricity and gas consumption
Selected EU countries, 2021, MWh per €1m GDP*



*At purchasing-power parity
Sources: Eurostat; *The Economist*

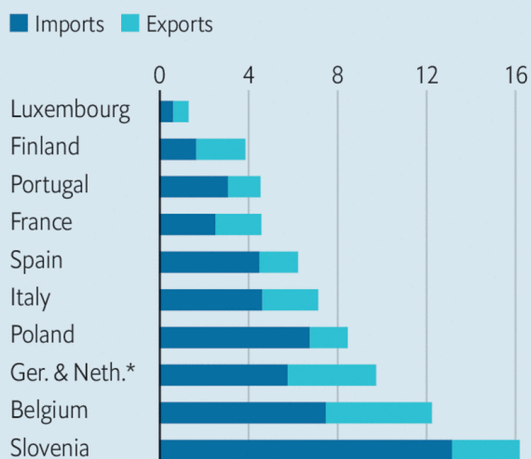
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countries, Finland and Belgium stand out as large industrial-energy consumers. Spain and Germany are also in the high-energy group, whereas in this discipline Poland and France are lower.

The other long-distance race in our economic pentathlon is the **decarbonisation** of the European economy. Greening transport and heating will require hefty investment and should actually boost growth in the short term, as households and governments incur debt to fund new kit. The investment in renewable-energy generation will have a similar effect. Decarbonising industry, however, will be harder, as companies face competition at home and abroad. Until green electricity becomes abundant and cheap, their costs will remain higher. That is even true in countries with nuclear power or lots of renewables: because Europe's power markets are increasingly connected, prices tend to move in tandem. The overall consumption of gas and electricity by industry, our measure for this challenge, differs widely across Europe as a share of gdp. Within the group of rich

The data behind it: decoupling

Goods trade with autocracies
Selected EU countries, 2021, % of GDP



*Germany & Netherlands counted as a single country because of the Rotterdam effect
Sources: Eurostat; *The Economist*; EIU

The Economist

Finally, all countries will face pressure to **decouple** from the world's autocracies. The eu's relationship with China in particular will need careful readjustment, to make the continent less vulnerable to economic blackmail. Should a political escalation lead to reduced trade and Chinese retaliation, it is mostly Germany and its big industrial firms, especially its carmakers, with large subsidiaries in China, that stand to lose. But importing from other autocracies also carries risks for supply chains. We calculate the total trade with those countries deemed autocracies by the Economist Intelligence Unit, and divide it by gdp. On this measure, some smaller eu countries do worst. Germany and the Netherlands run in this competition as a joint team, because the port of Rotterdam serves as the import route for many German customers, too, and Dutch trade figures tend to be overstated. They rank highest among larger countries, with France close to the lower end of the table.

League table
European Union countries

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| | | Net shrinkage [‡] of labour force aged 15-64 2022, percentage points | Industrial electricity & gas consumption 2021, MWh per €1m GDP [§] | Total goods trade with autocracies** 2021, % of GDP | Industrial electricity & gas consumption 2021, MWh per €1m GDP [§] | Total goods trade with autocracies** 2021, % of GDP |
|-----|-------------|---|---|---|---|---|
| ^ | | ◇ | ◇ | ◇ | ◇ | ◇ |
| 1 | Ireland | 1.2 | 49.1 | 5.2 | 49.1 | 5.2 |
| 2 | Malta | -1.9 | 28.3 | 5.3 | 28.3 | 5.3 |
| 3= | Cyprus | -0.5 | 20.9 | 6.0 | 20.9 | 6.0 |
| 3= | Luxembourg | -0.5 | 104.7 | 1.3 | 104.7 | 1.3 |
| 5 | Denmark | -0.1 | 68.2 | 5.7 | 68.2 | 5.7 |
| 6 | Croatia | -2.5 | 90.8 | 5.3 | 90.8 | 5.3 |
| 7 | France | 0.1 | 102.0 | 4.6 | 102.0 | 4.6 |
| 8= | Latvia | -2.2 | 73.5 | 7.1 | 73.5 | 7.1 |
| 8= | Sweden | 2.9 | 11.5 | 0.2 | 121.5 | 4.5 |
| 10= | Greece | -0.7 | 11.8 | -1.6 | 81.9 | 11.9 |
| 10= | Lithuania | 13.8 | 4.3 | -3.2 | 91.4 | 11.4 |
| 12= | Estonia | 12.8 | 6.4 | -1.5 | 88.3 | 7.4 |
| 12= | Romania | 9.5 | 6.8 | -0.9 | 107.6 | 5.4 |
| 14= | Bulgaria | 7.0 | 3.8 | -2.1 | 160.7 | 7.9 |
| 14= | Finland | -2.5 | 8.8 | -0.9 | 230.0 | 3.9 |
| 14= | Portugal | 1.5 | 11.0 | -1.8 | 127.3 | 4.5 |
| 17= | Austria | 4.5 | 8.1 | -1.9 | 167.1 | 5.4 |
| 17= | Germany | 0.7 | 7.1 | -2.6 | 138.9 | 7.4 |
| 17= | Slovenia | 3.0 | 5.5 | -2.3 | 188.7 | 16.2 |
| 20 | Spain | -1.4 | 9.6 | -1.3 | 139.1 | 6.2 |
| 21= | Netherlands | 3.0 | 10.2 | -0.8 | 126.1 | 19.6 |
| 21= | Poland | 14.0 | 8.3 | -2.0 | 110.4 | 8.5 |
| 23= | Belgium | 3.0 | 10.6 | -0.8 | 189.5 | 12.2 |

| | | | | | |
|-----------------------|------|------|------|-------|------|
| 23= Czech Rep. | 15.5 | 7.2 | -0.9 | 159.0 | 11.7 |
| 23= Italy | -2.4 | 11.2 | -2.0 | 126.1 | 7.1 |
| 23= Slovakia | 10.9 | 6.5 | -1.6 | 170.7 | 8.7 |
| 27 Hungary | 19.8 | 15.7 | -0.9 | 151.0 | 9.5 |

*Cumulative deviation from Euro area weighted average, excludes energy, food, alcohol and tobacco

†July/August 2023 interest rates applied to entire debt stock. Includes business, government and household debt, at current interest rates

‡Difference between share of population aged 60-64 and share aged 15-19

§At purchasing-power parity

**Imports plus exports

Source: ECB; Eurostat; *The Economist*, EIU

Put it all together, and what do you get? Europe's economic pentathlon has a clear winner: Ireland with four golds and a silver, followed by two Mediterranean islands, another tax haven and Denmark. Being small clearly has its advantages, though Denmark is the only economic model that could be copied by others. Croatia's high position is clouded by its demographic problems. The best large economy is France, with two gold medals and three silvers. At the bottom of the table is Hungary, with Italy only a bit better; both with debt problems and a near-term struggle with demand. Germany is luckier: its one gold medal, on inflation, masks its three bronzes—on demography, decoupling and decarbonisation. Poland, a strong economic performer for years, received only bronze medals on inflation and demography, dragging it down our list. Just as in Germany's case, winning economic prizes in the past says little about who will be the winners in the next few years. ■