

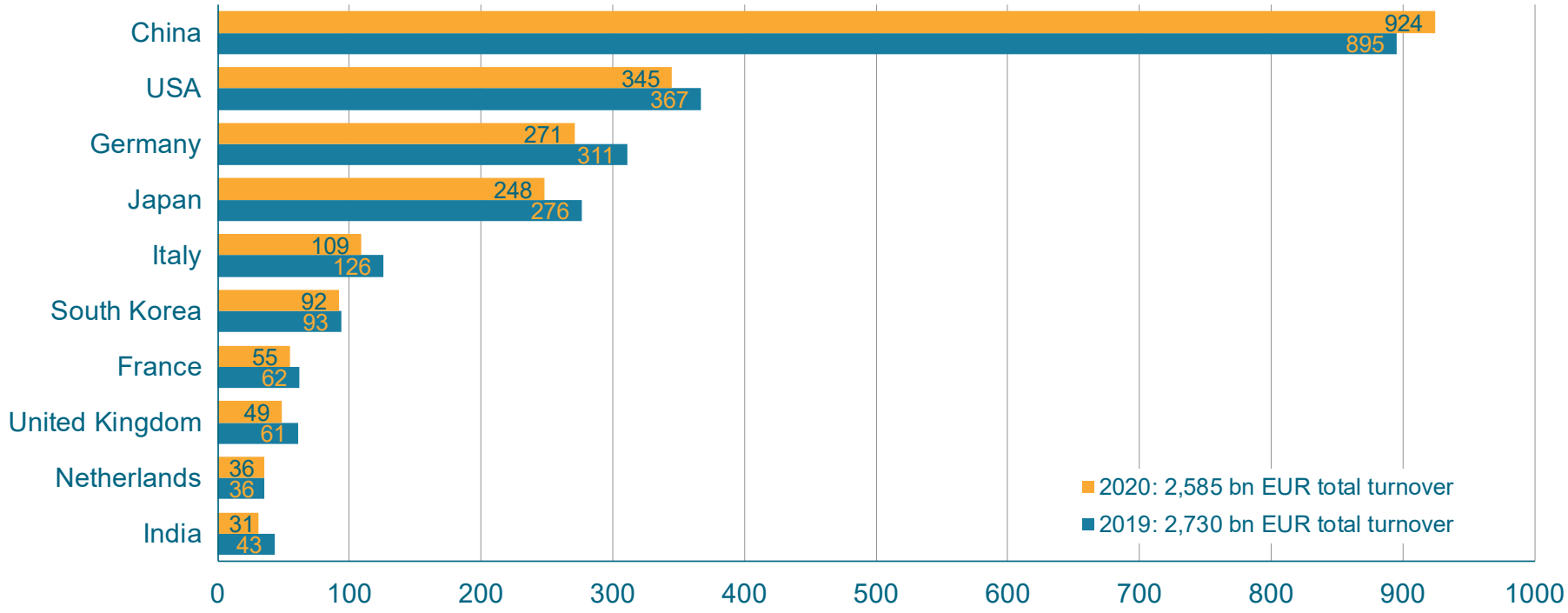
Global
Mechanical Engineering
Outlook

Speed of the recovery varies

International Fluid Power Summit meeting
online, April, 21st 2021

World machinery turnover: Top-10 country ranking
Only China with growth in nominal EURO terms

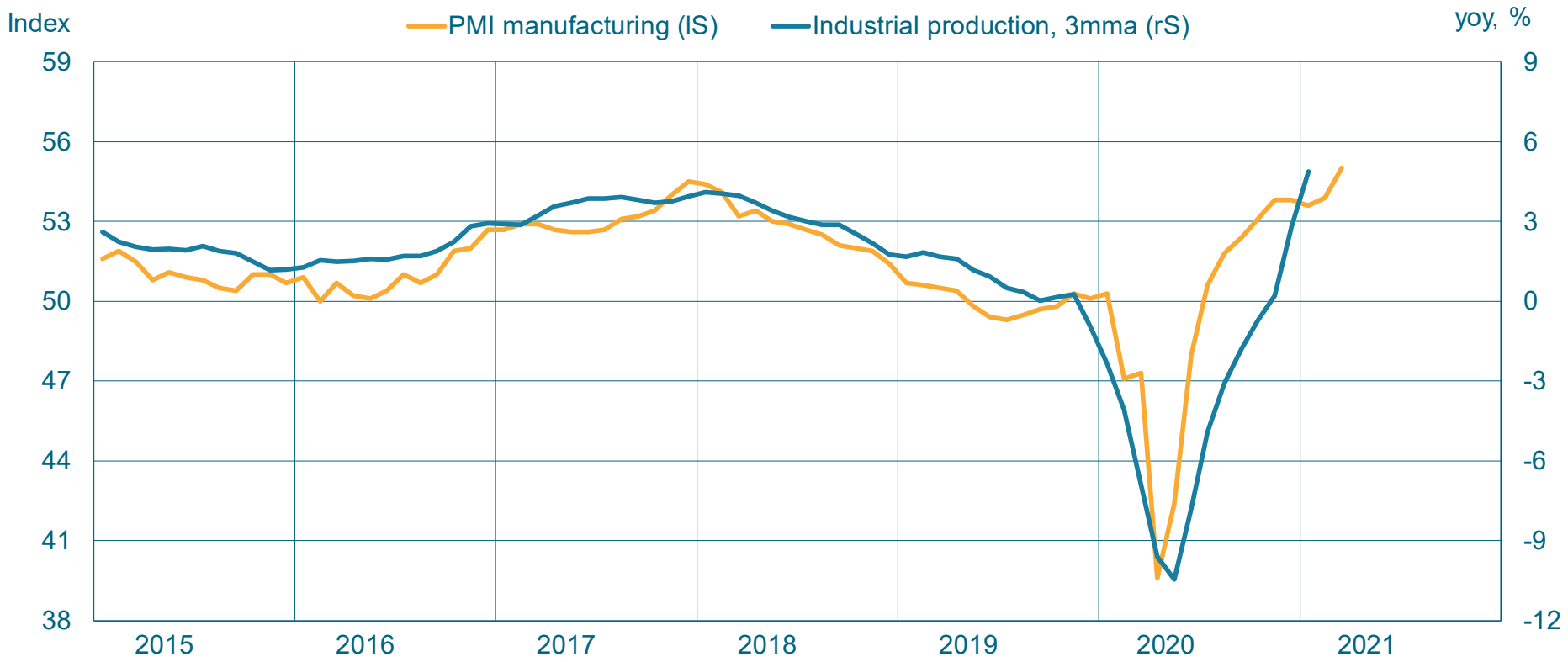
In bn EUR, partly estimated



Source: VDMA estimations based on National Statistics, Eurostat and UNIDO.

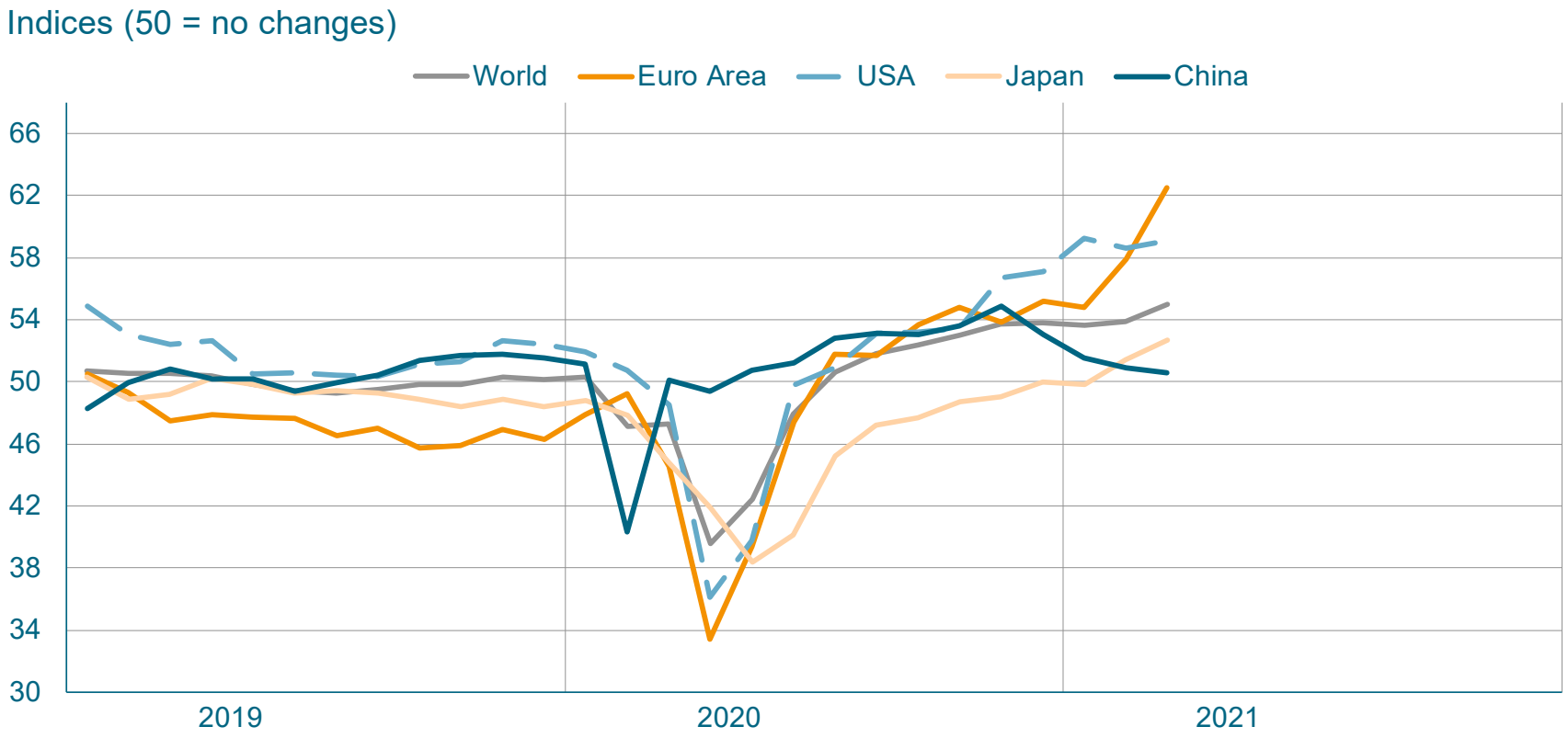
World: Industrial production and Purchasing Managers' Index

Strong recovery after deep slump



Source: cpb, IHS Markit, Macrobond, VDMA

Purchasing Managers‘ Index Manufacturing
China one quarter ahead

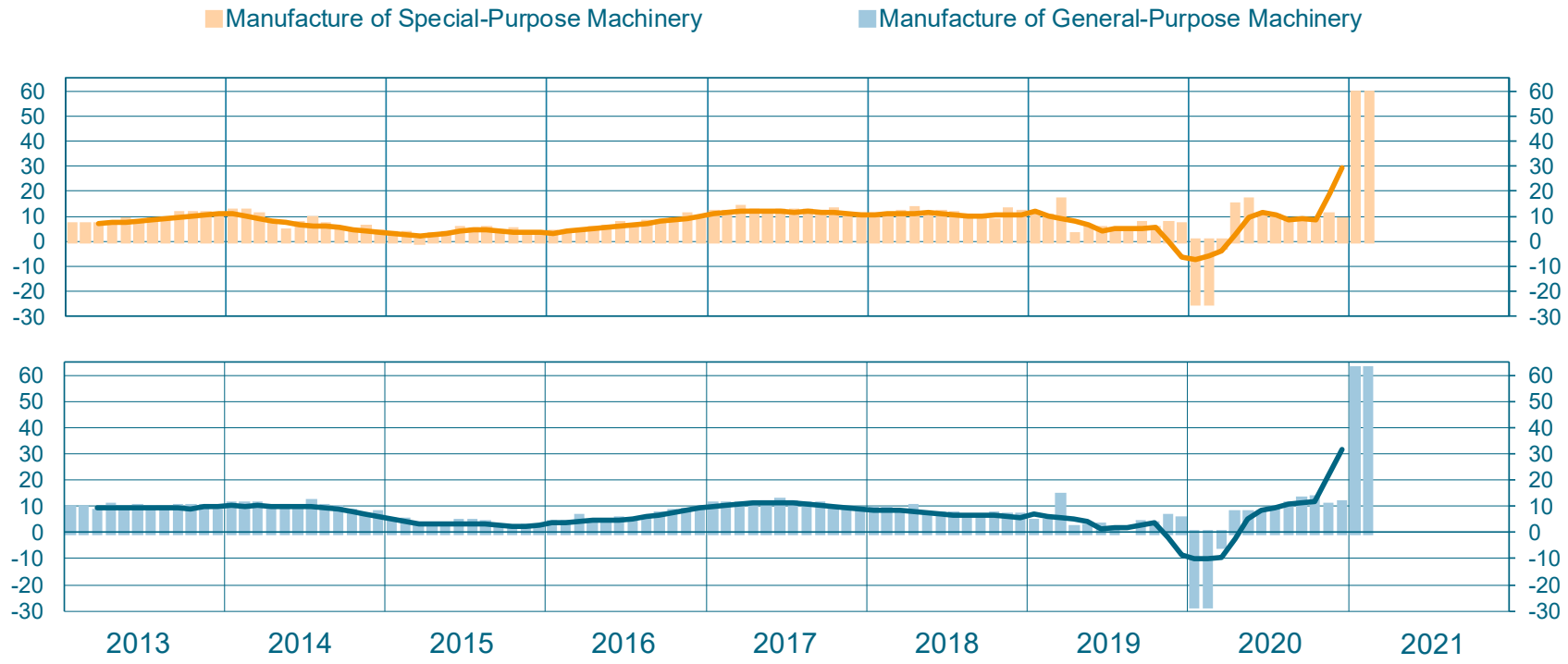


Source: IHS-Markit, Macrobond, VDMA

China: Industry production

Solid recovery combined with base effect

Real, yoy, %



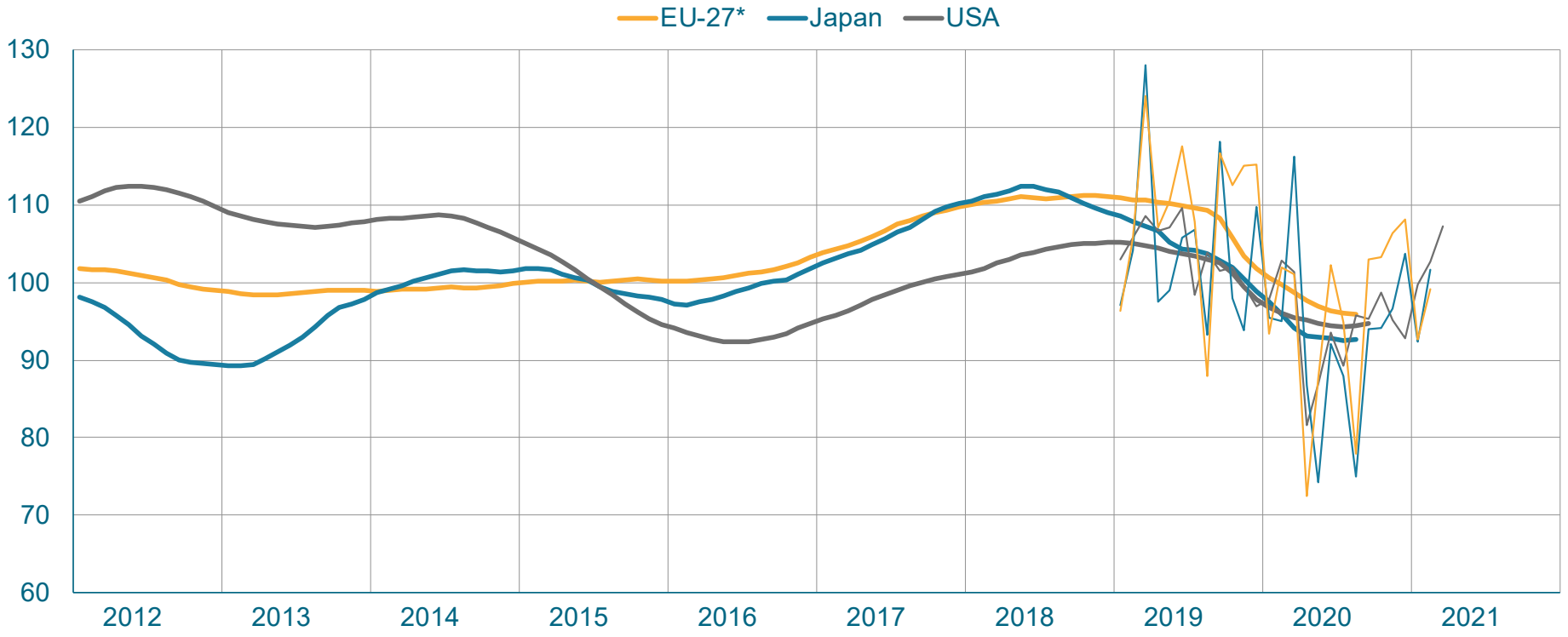
Source: NBS, Macrobond, VDMA

5-month moving average

Advanced economies: Machinery turnover

Not out of the woods

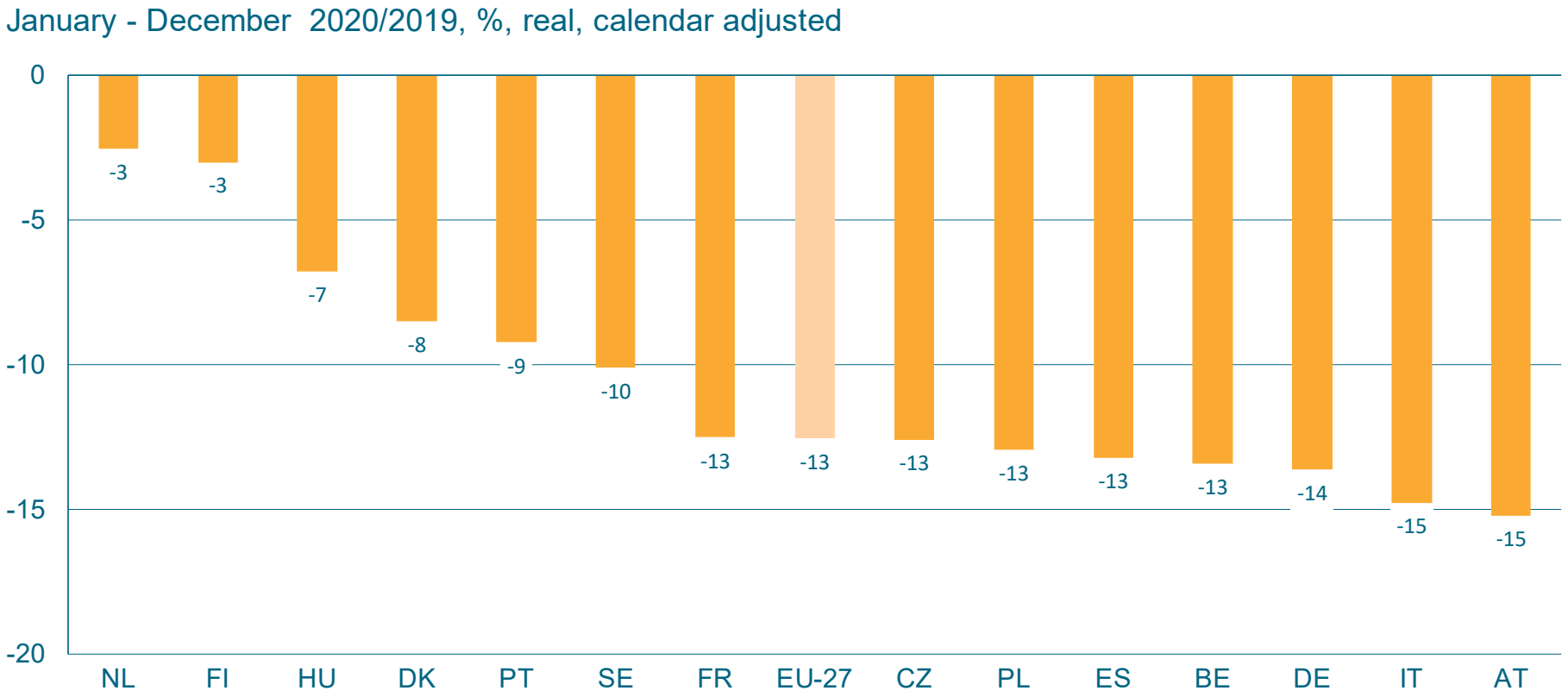
Volume index, 2015 = 100 and 12-months moving average



Source: Eurostat, Nat. Stat. Offices, Macrobond, VDMA

*) NACE rev. 2 code 28.

EU-27: Machine production* by countries
Strong losses

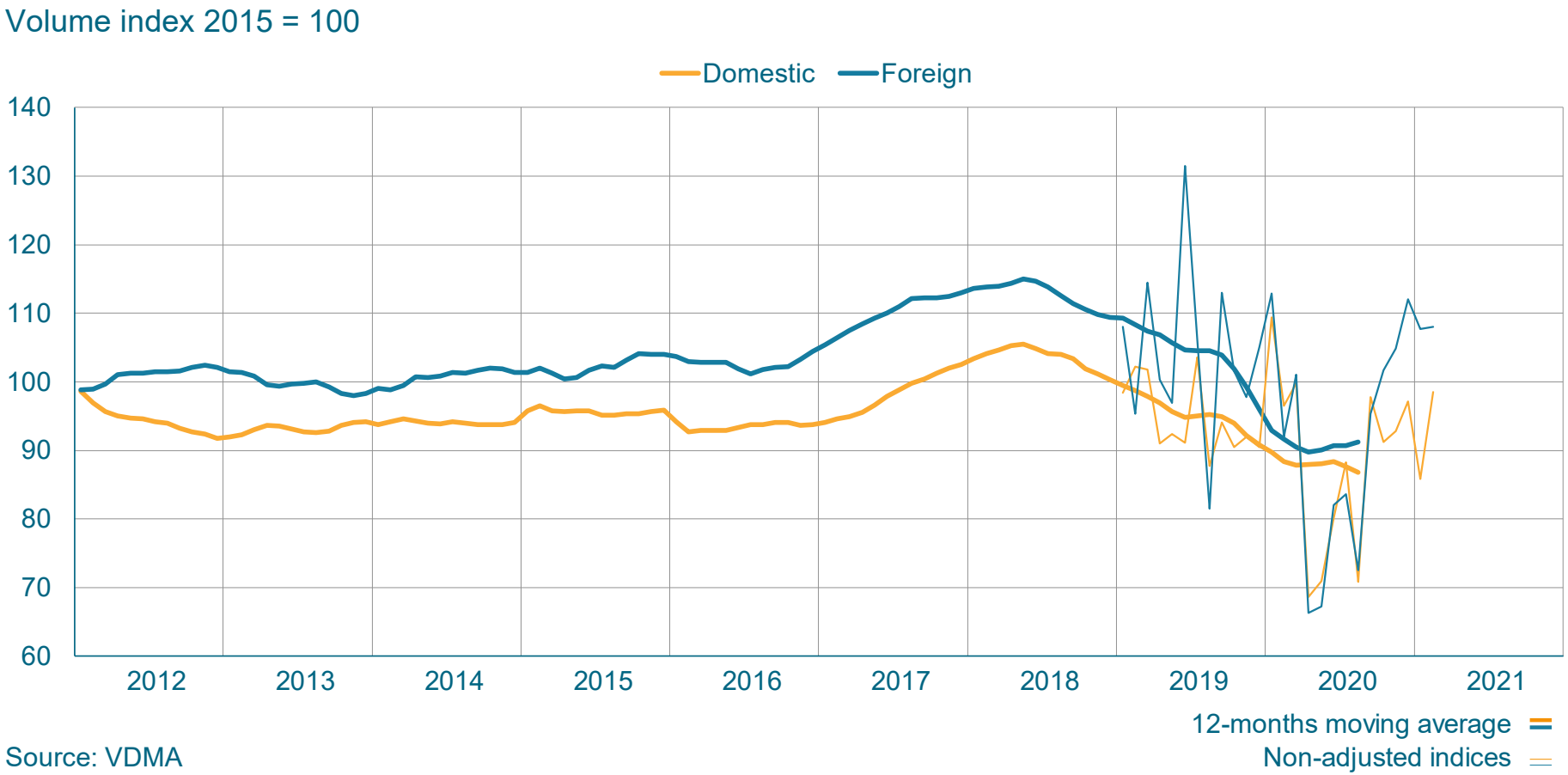


Source: Eurostat, Macrobond, VDMA

*) NACE rev. 2 code 28.

Germany: New orders in mechanical engineering industry

Bottoming out?



%, yoy

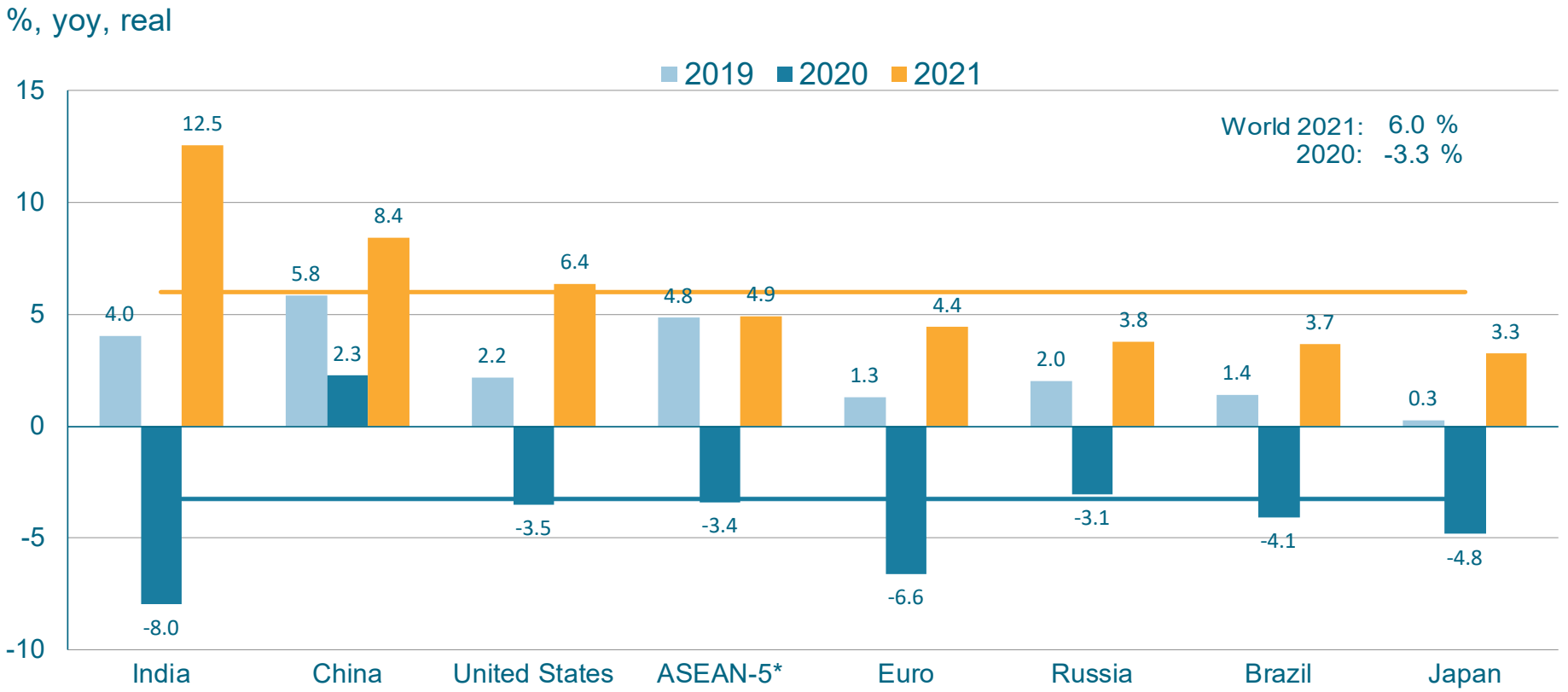
2020
Total: - 11%
Foreign: - 13%
Domestic: - 6%

Dec 2020 – Feb. 2021

Total: 2%
Foreign: 6%
Domestic: - 5%

Source: VDMA

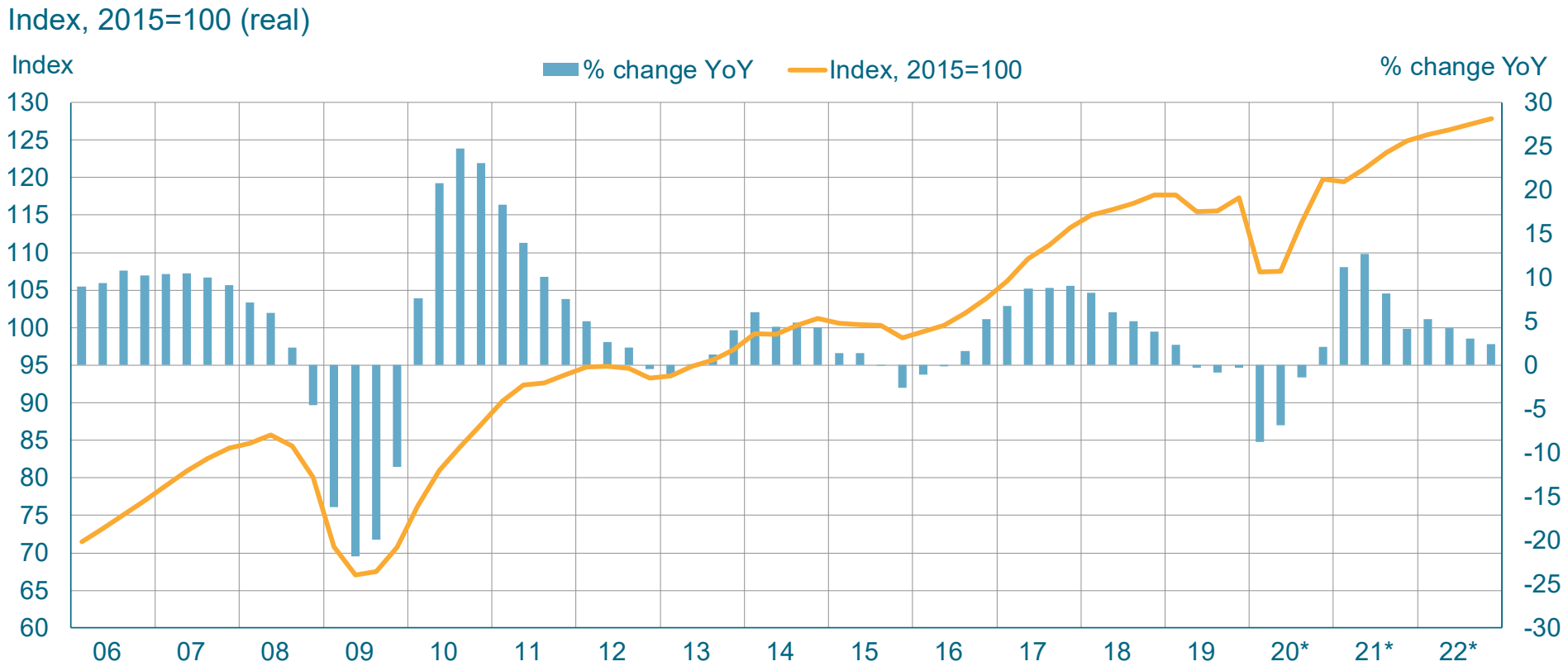
World: GDP expectations
Divergent recoveries



Source: IMF WEO April 2021, Macrobond, VDMA

*Indonesia, Malaysia, Philippines, Thailand and Vietnam.

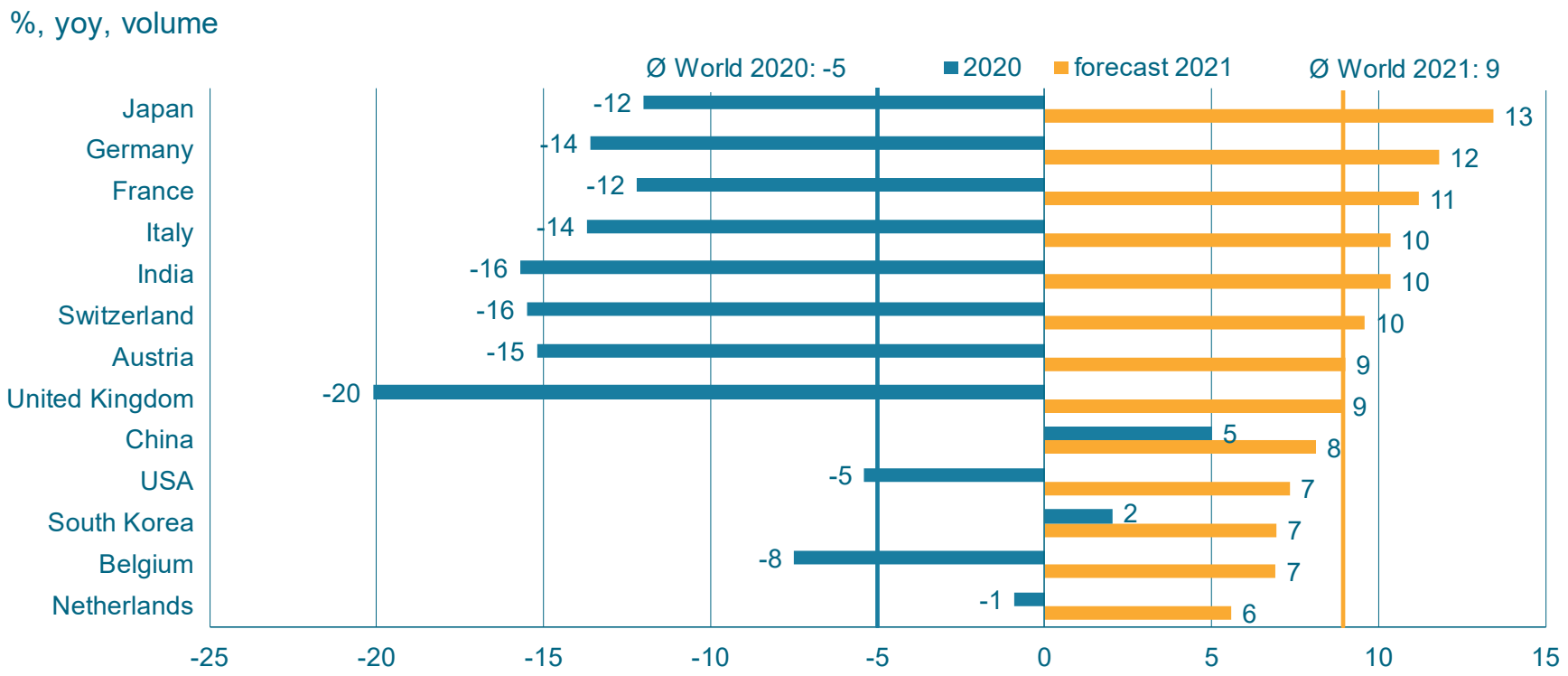
World: Machinery production
China made it!



Source: Oxford Economics

* estimation/forecasts OE baseline scenario.

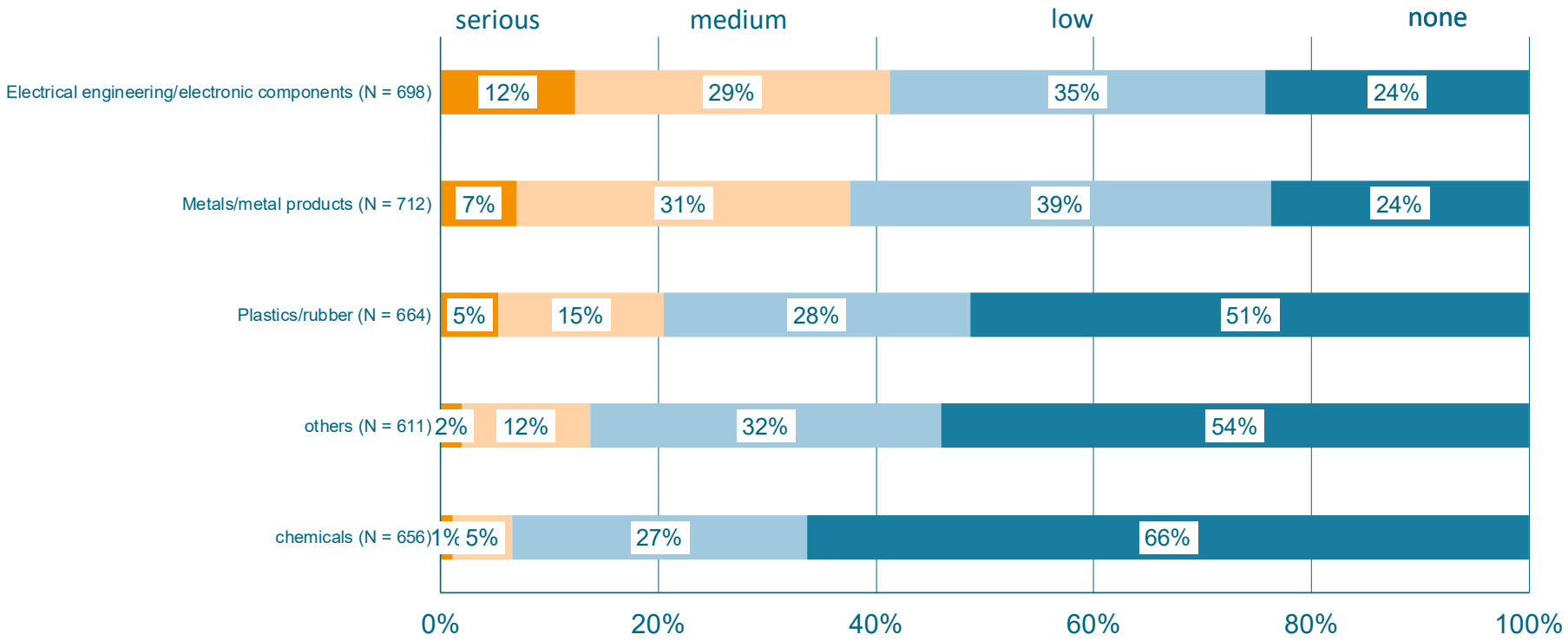
TOP-10 countries plus AT, BE, CH: Turnover in mechanical engineering - Forecasts by Oxford Economics



Source: Eurostat, National Statistics, Oxford Economics, VDMA (March 2021)

Shortages in the supply chain

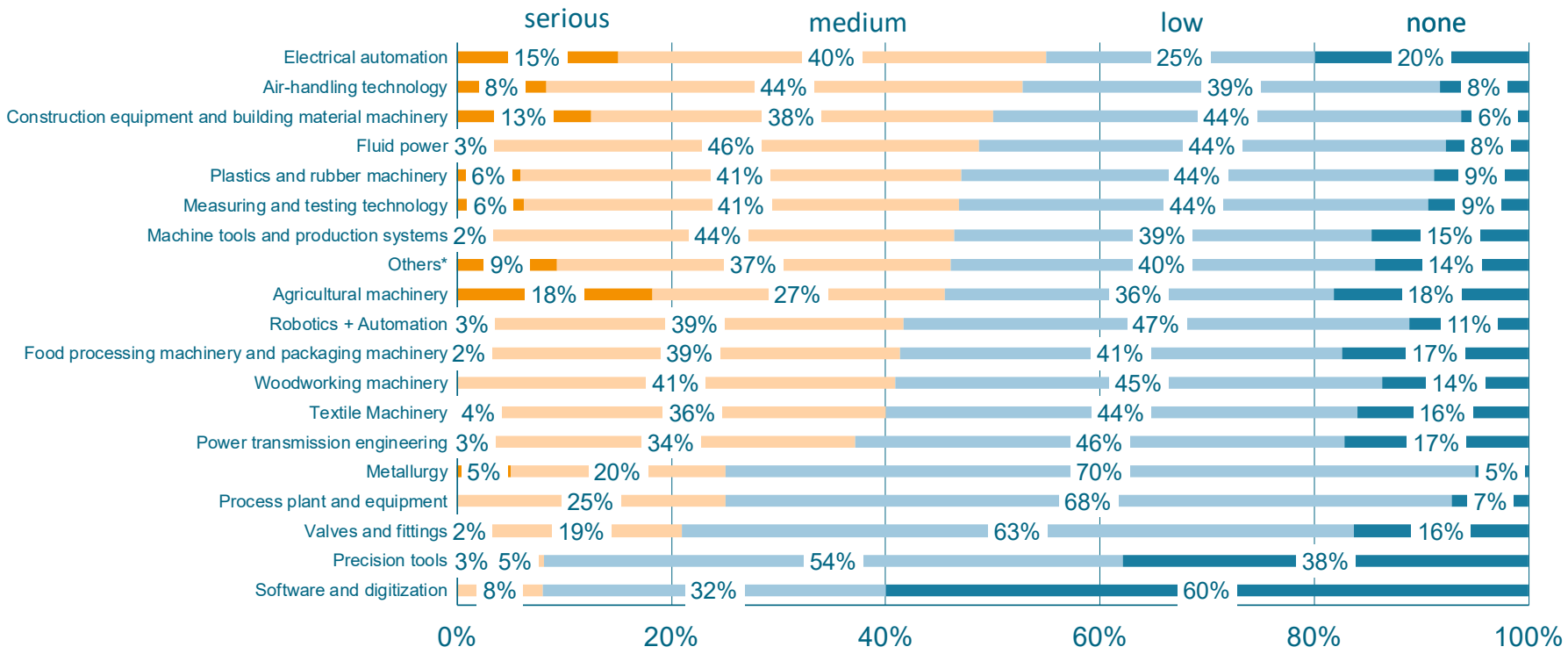
Evaluable answers



Source: VDMA, 10th flash survey on coronavirus, 1 April 2021

Disruptions in the supply chains

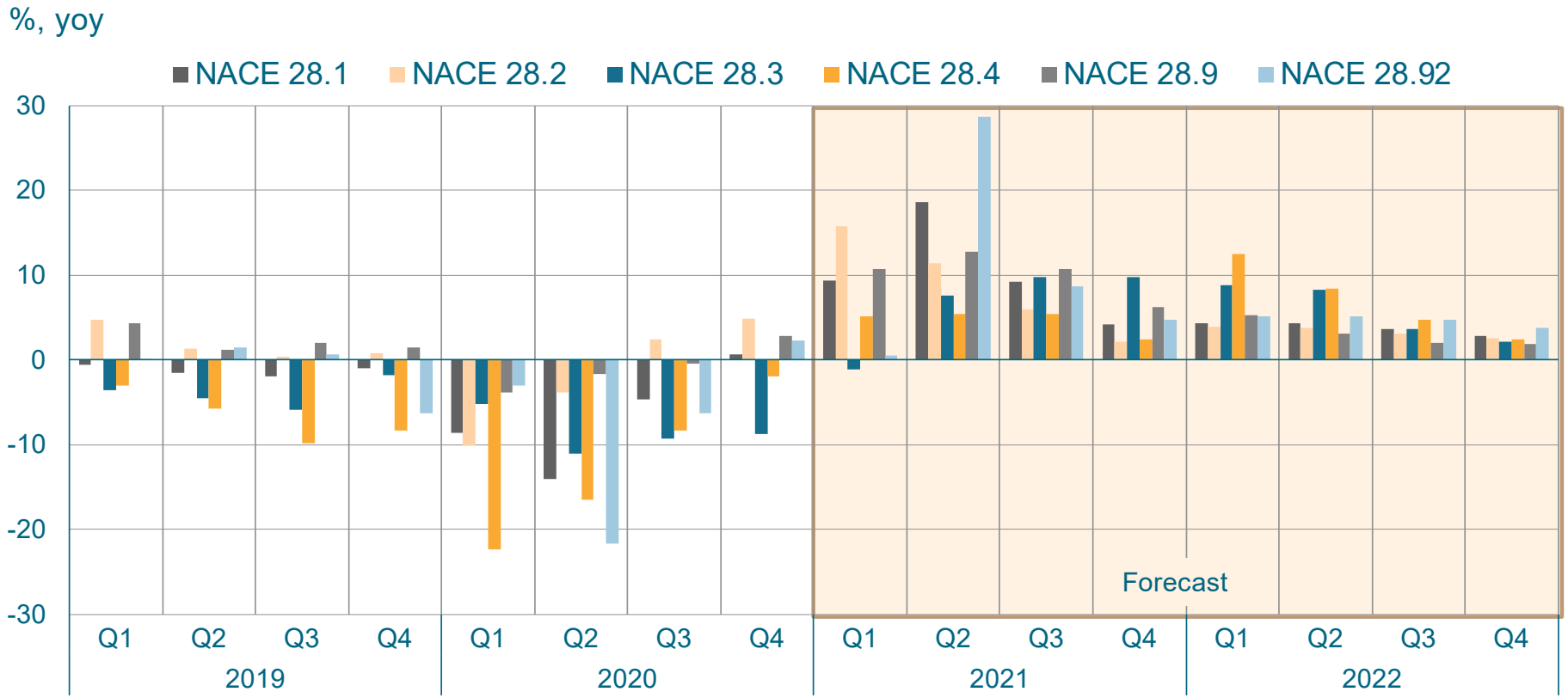
Evaluable answers N = 712



Source: VDMA, 10th flash survey on coronavirus, 1 April 2021

World: Output growth by engineering sectors

Will prospects be fulfilled?



Source: Oxford Economics (March 4th, 2021)



Thank you

Thank you

for your attention!