

BEIJING
25 November 2025

让花园里所有花都绽放

LET ALL THE FLOWERS IN THIS GARDEN BLOOM



第七届中俄能源商务论坛
VII РОССИЙСКО-КИТАЙСКИЙ
ЭНЕРГЕТИЧЕСКИЙ БИЗНЕС-ФОРУМ



SPEECH

by Executive Secretary of the Presidential Commission for Strategic Development
of the Fuel and Energy Sector and Environmental Security

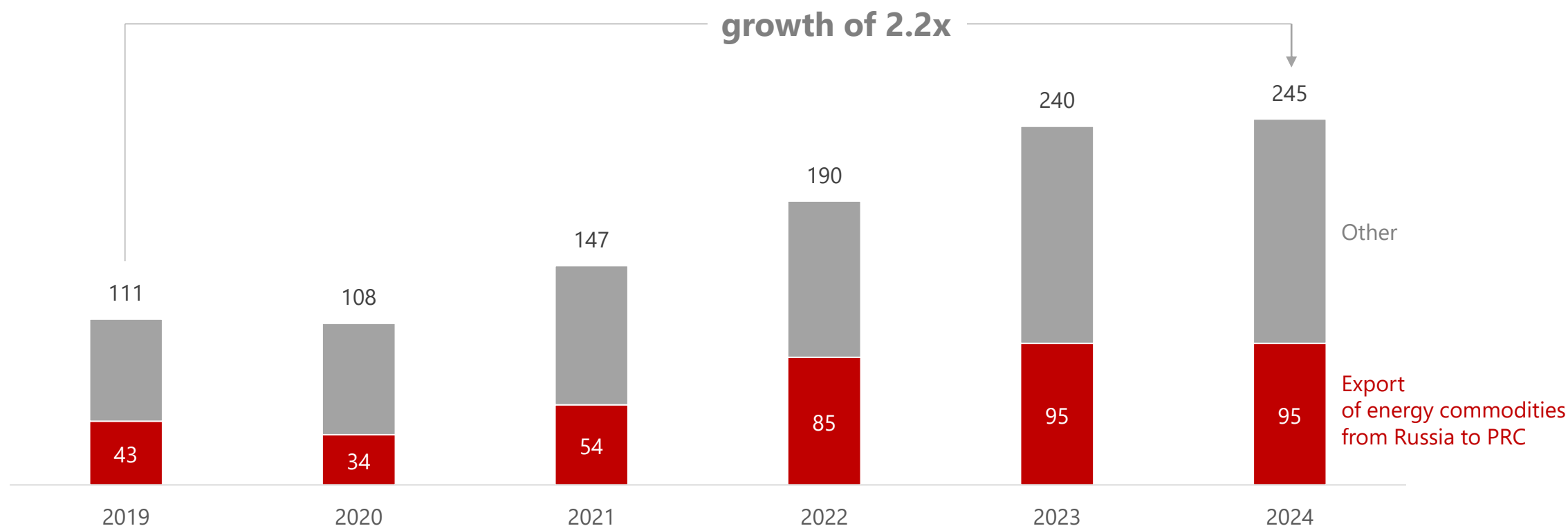
I.I. SECHIN

SUBJECT OF THE FORUM:

Increasing the level of strategic interface between Russia and China, strengthening
comprehensive energy partnership

Trade volume between Russia and China confirms the special status of bilateral relations

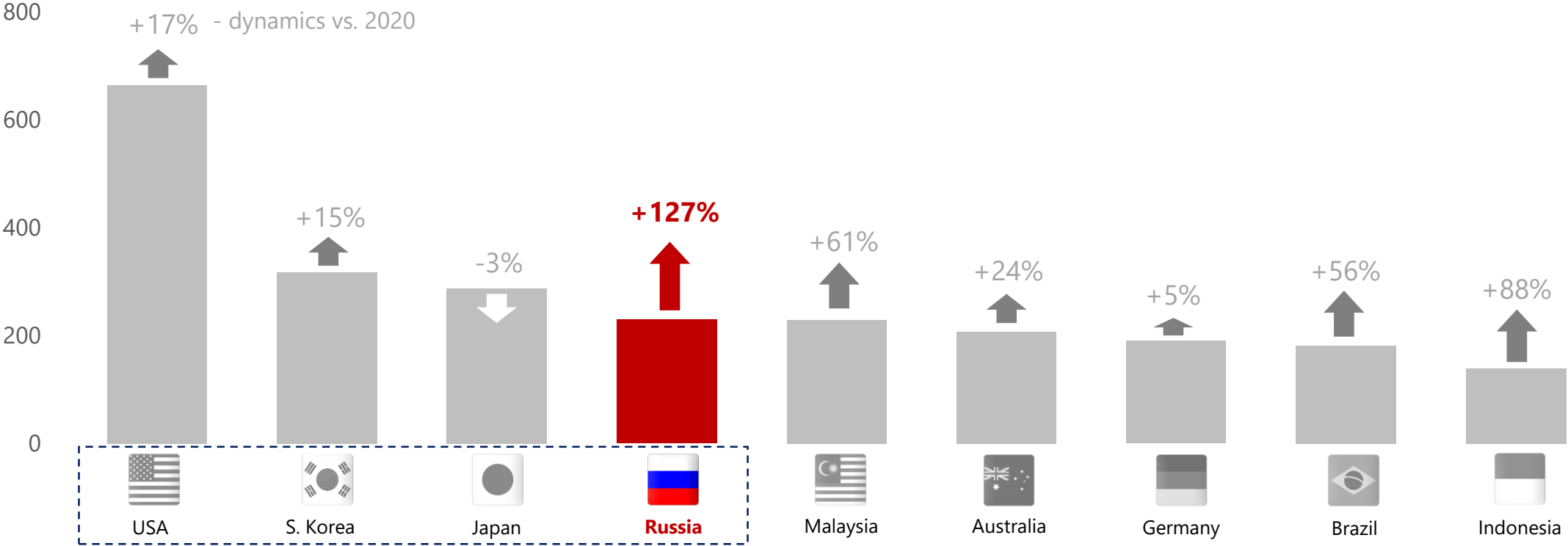
Profile of trade volume between China and Russia (billion dollars)



Source: General Administration of Customs of PRC

Russia ranks fourth in bilateral trade with China

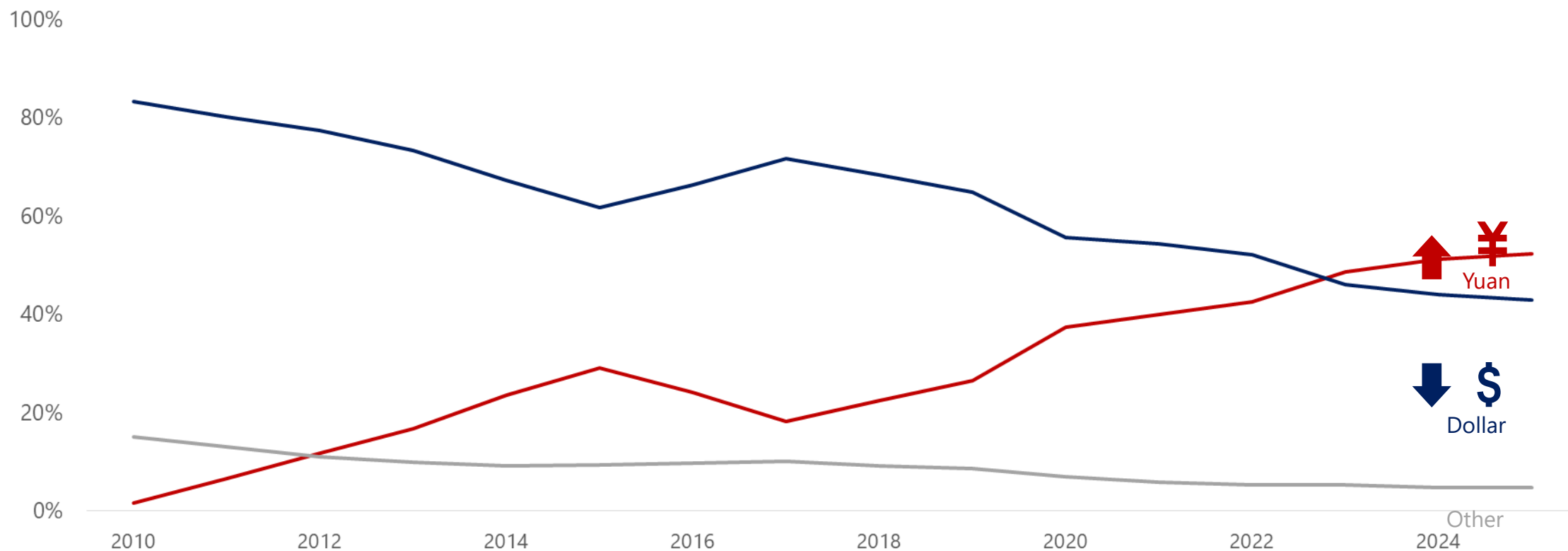
Trade turnover between China and its main partner countries in 2024 (billion dollars)



Source: General Administration of Customs of PRC. Note: Vietnam is not included in the list of countries due to its significant volume of transit shipments.

The share of the yuan in China's foreign trade rose to 52%

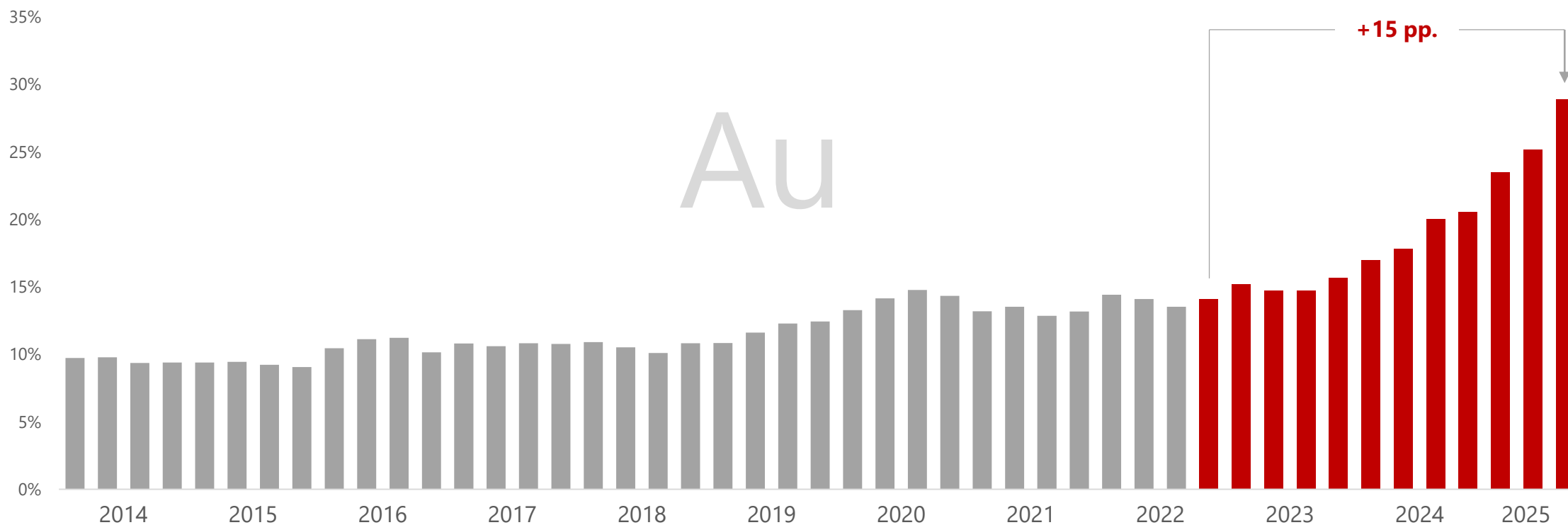
The share of the yuan and the US dollar in China's foreign trade settlements (excluding banks)



Source: General Administration of Foreign Exchange of PRC

The role of gold in the world is growing

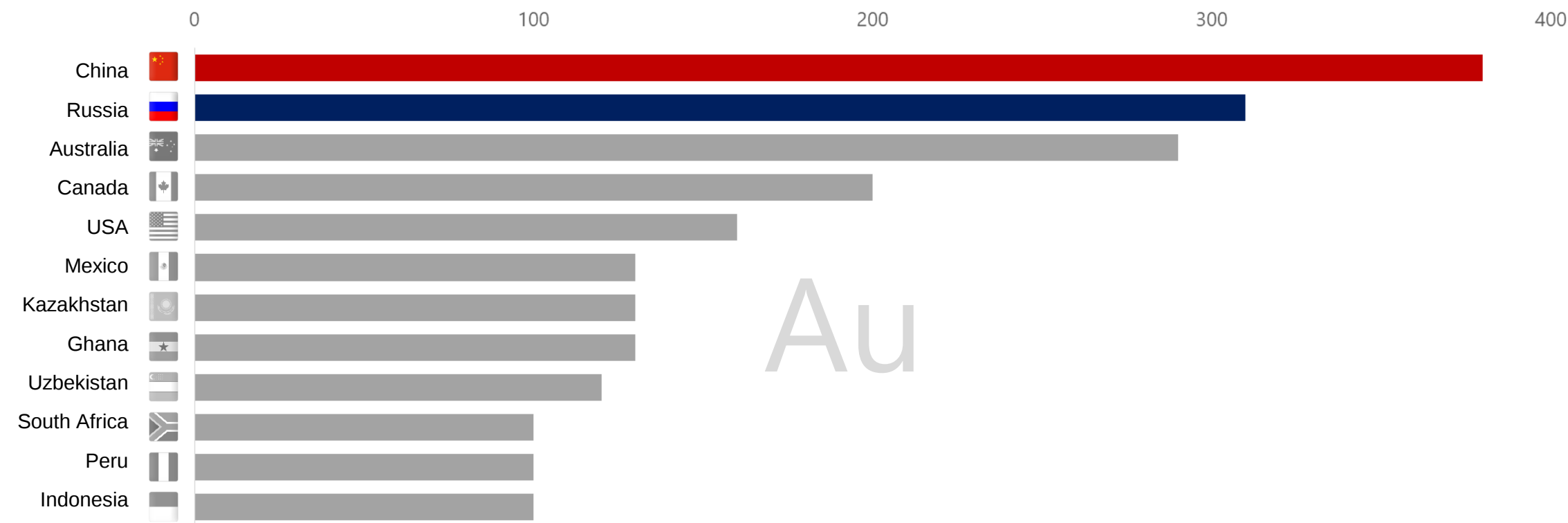
The share of gold in global gold and foreign exchange reserves (%)



Source: The World Gold Council

China and Russia are the world's leading gold producers.

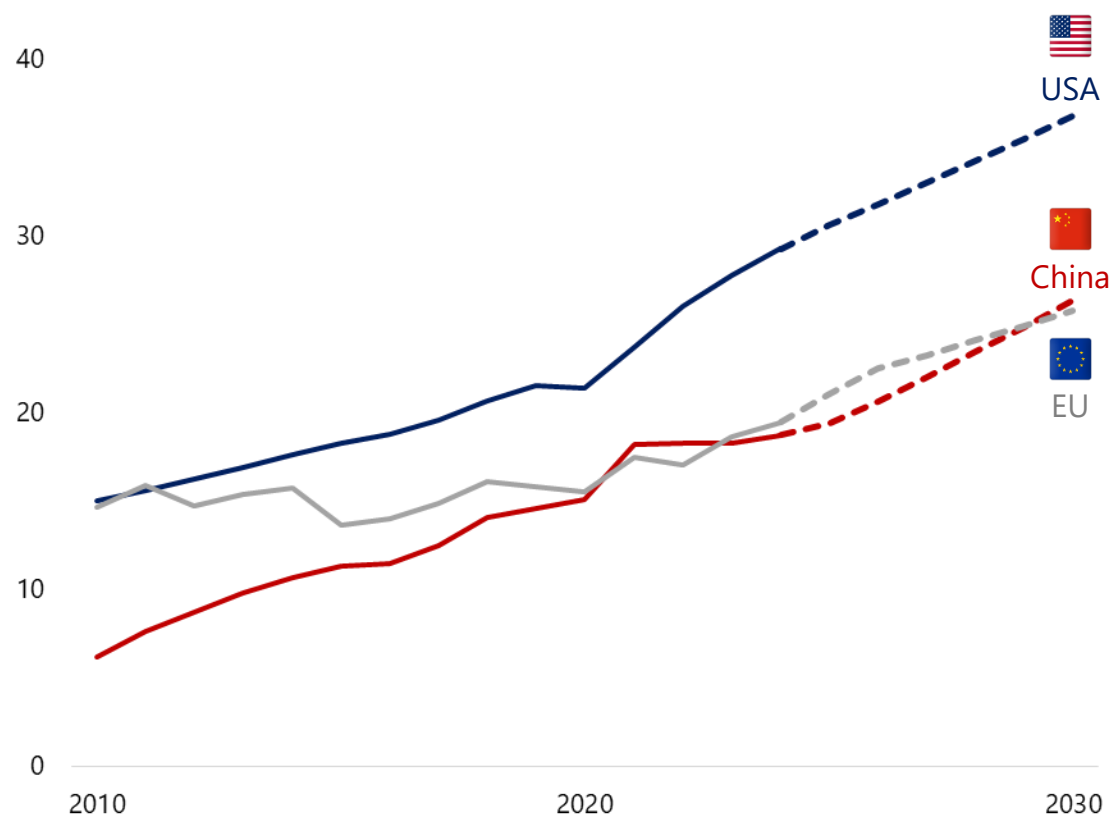
Global gold mining, 2024 (tons)



Source: U.S. Geological Survey

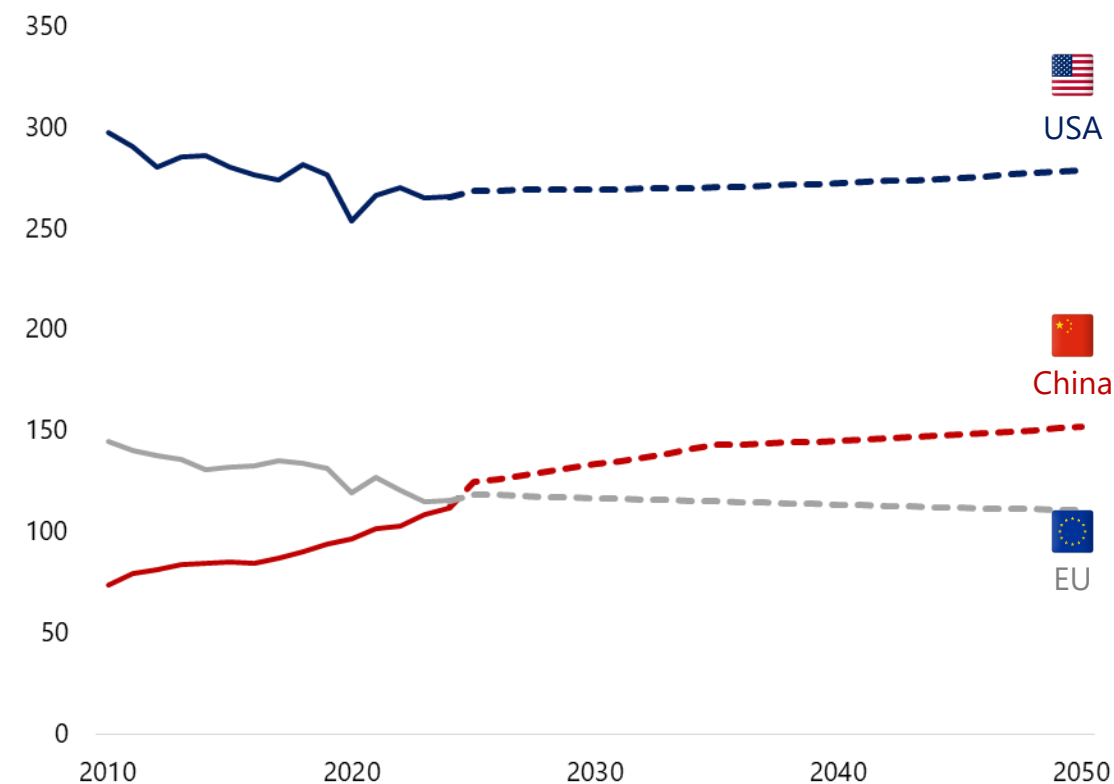
Achieving China's development goals is impossible without increasing energy consumption

GDP at current prices (trillion dollars)



Sources: IMF, UN, IEA, Energy Institute

Energy resources consumption per capita (GJ/pers.)



China is the leader of world science

Top 10 universities in the Leiden Ranking

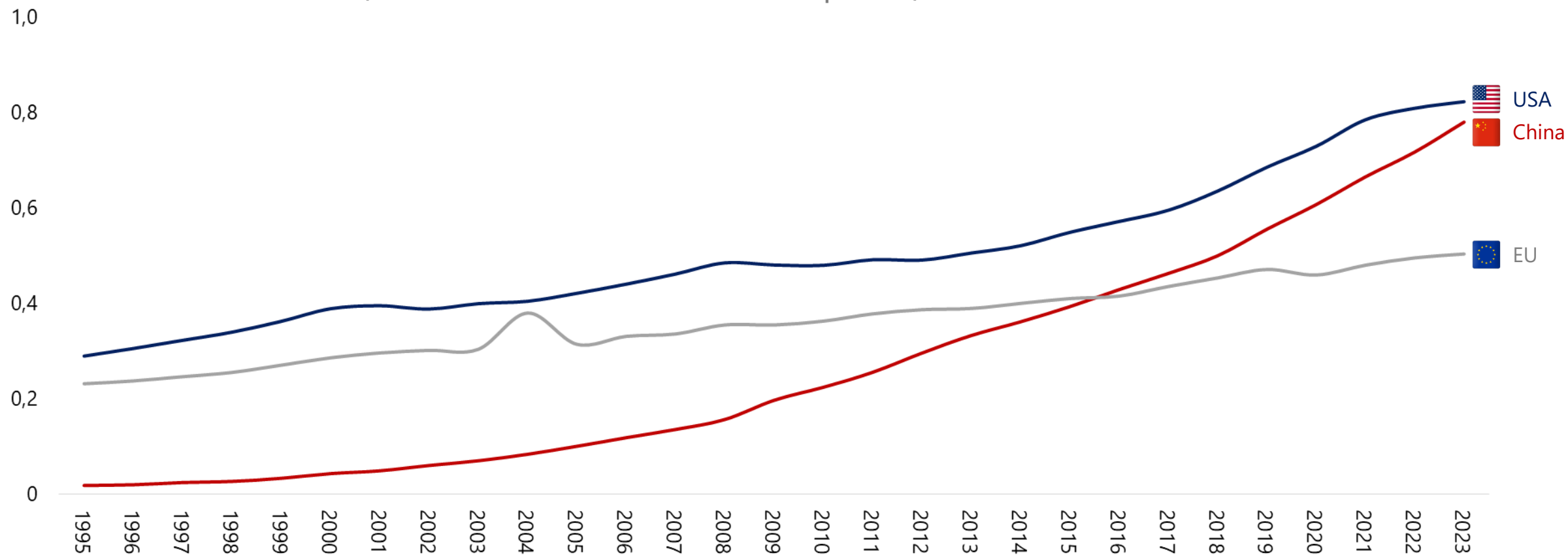
{by the number of meaningful publications in international academic journals in 2020-23)

Ranking	University		Number of publications 2020-2023
1		Harvard University	40 475
2		Shanghai Jiao Tong University	38 913
3		Zhejiang University	35 974
4		Sichuan University	34 717
5		Central South University	31 557
6		Sun Yat-sen (Zhongshan) University	30 371
7		University of Toronto	28 575
8		Huazhong University of Science and Technology	28 450
9		Peking University	27 880
10		Tsinghua University	27 466

Source: CWTS Leiden Ranking 2025

China outstrips the EU in research investment

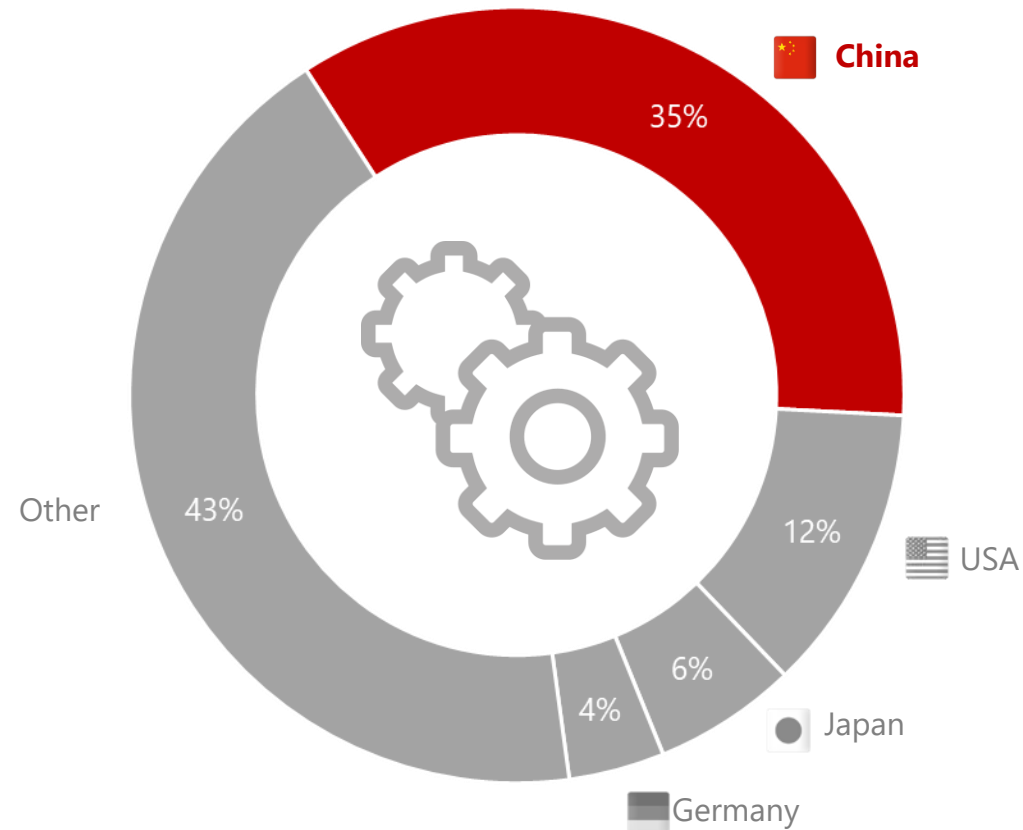
Total R&D investment (trillion dollars at PPP*, in real prices)



OECD MSTI database, March 2025. (*) – purchasing power parity

China is the only industrial power today

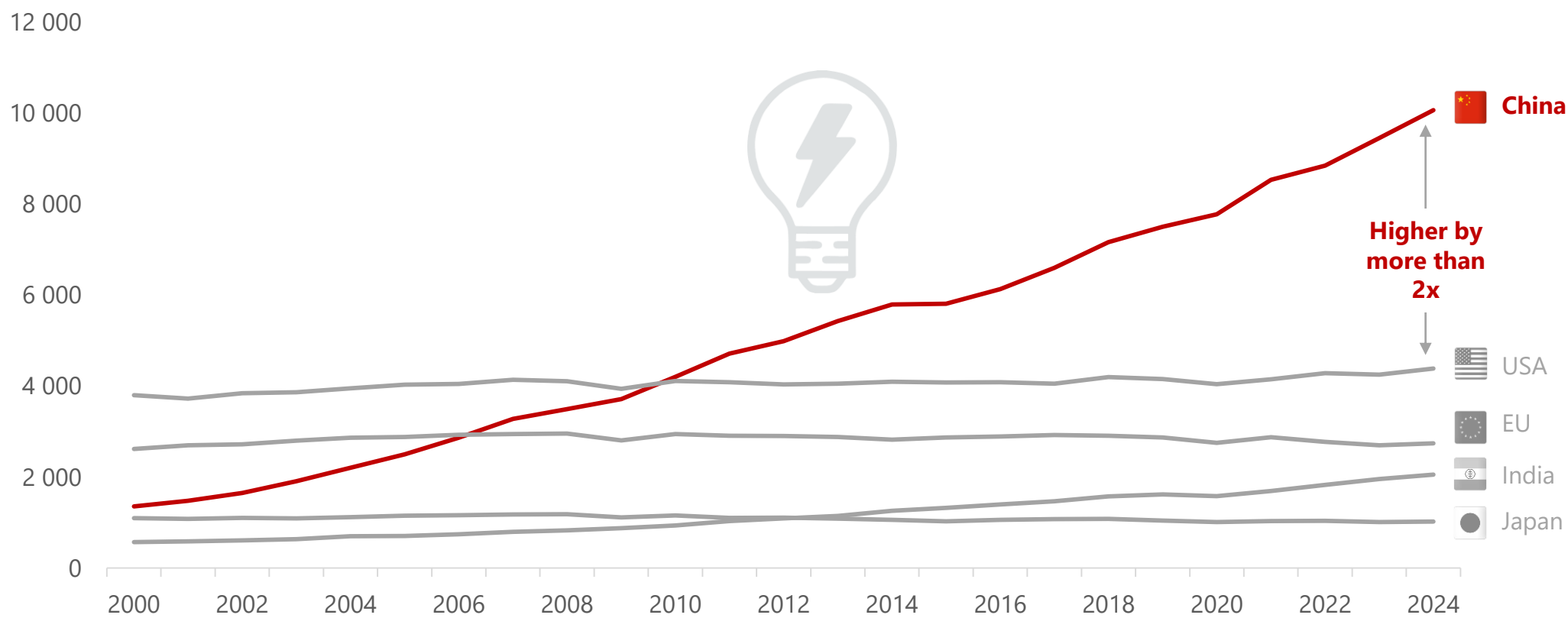
Global industrial production by country (%)



Source: Center for Economic Policy Research

China's electricity consumption is more than twice that of the United States

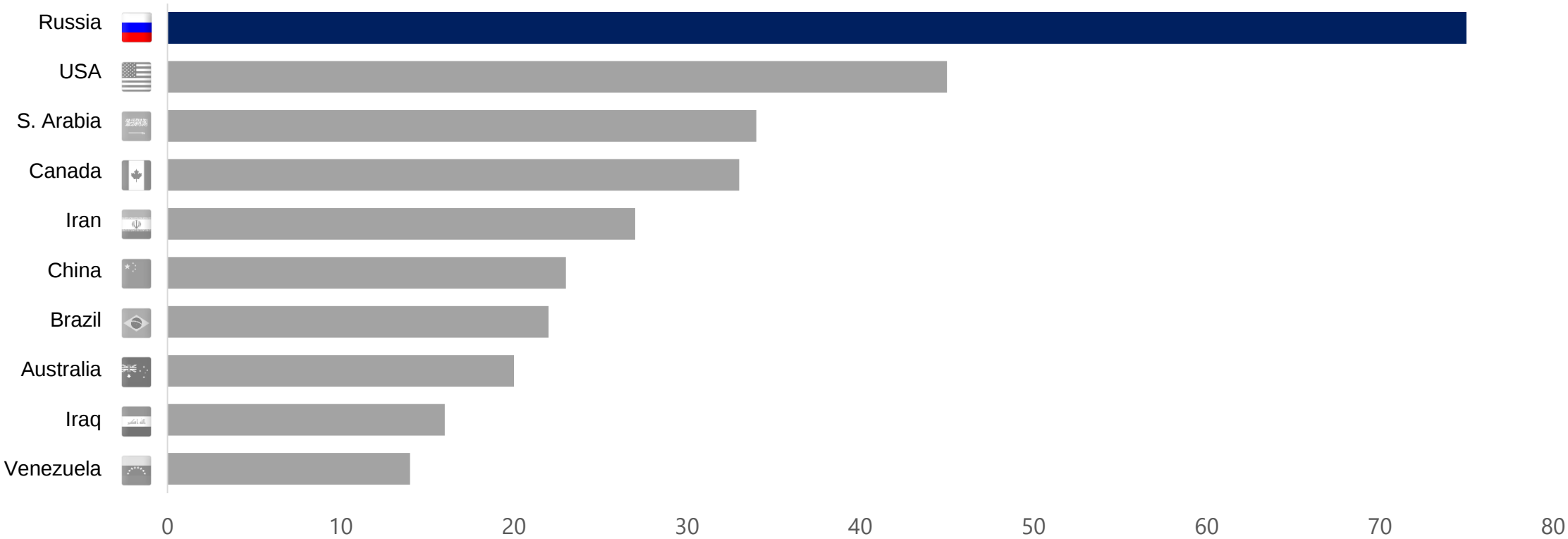
Electricity consumption by country (TWh)



Source: Ember

Russia's unique resource base

Cost of natural resources (trillion dollars)

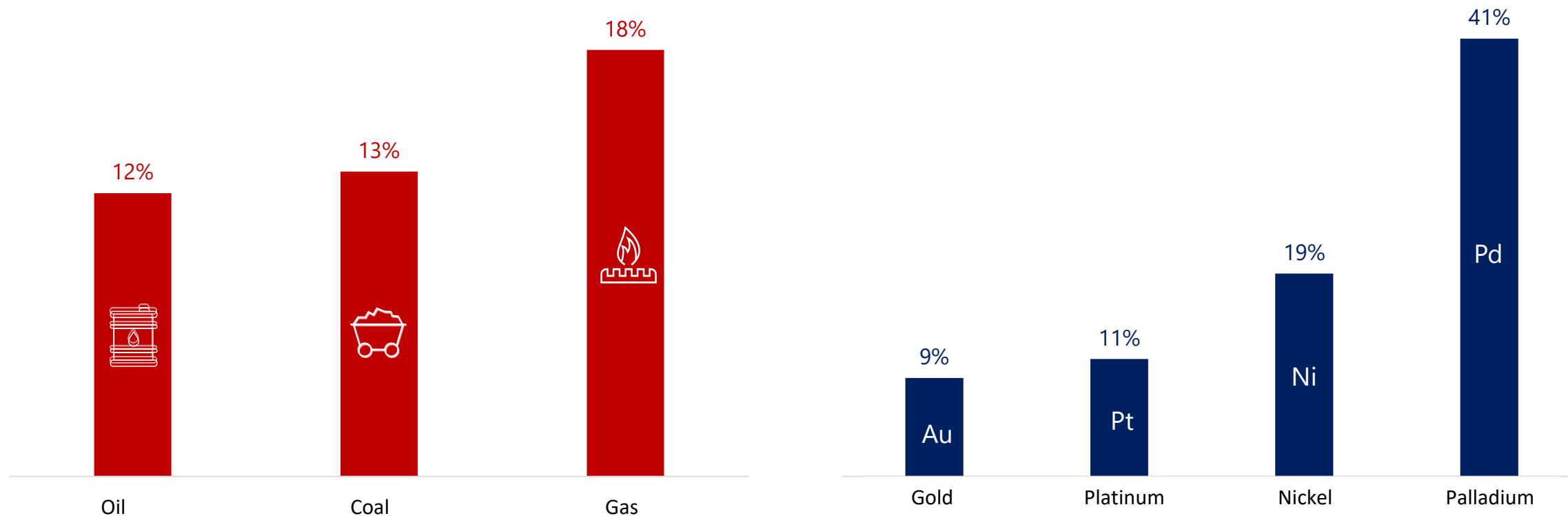


Source: Statista

Russia's real contribution to the global economy is proportional to its share in the resource balance

Russia's share
in global hydrocarbon trade

Russia's share
in global metal mining

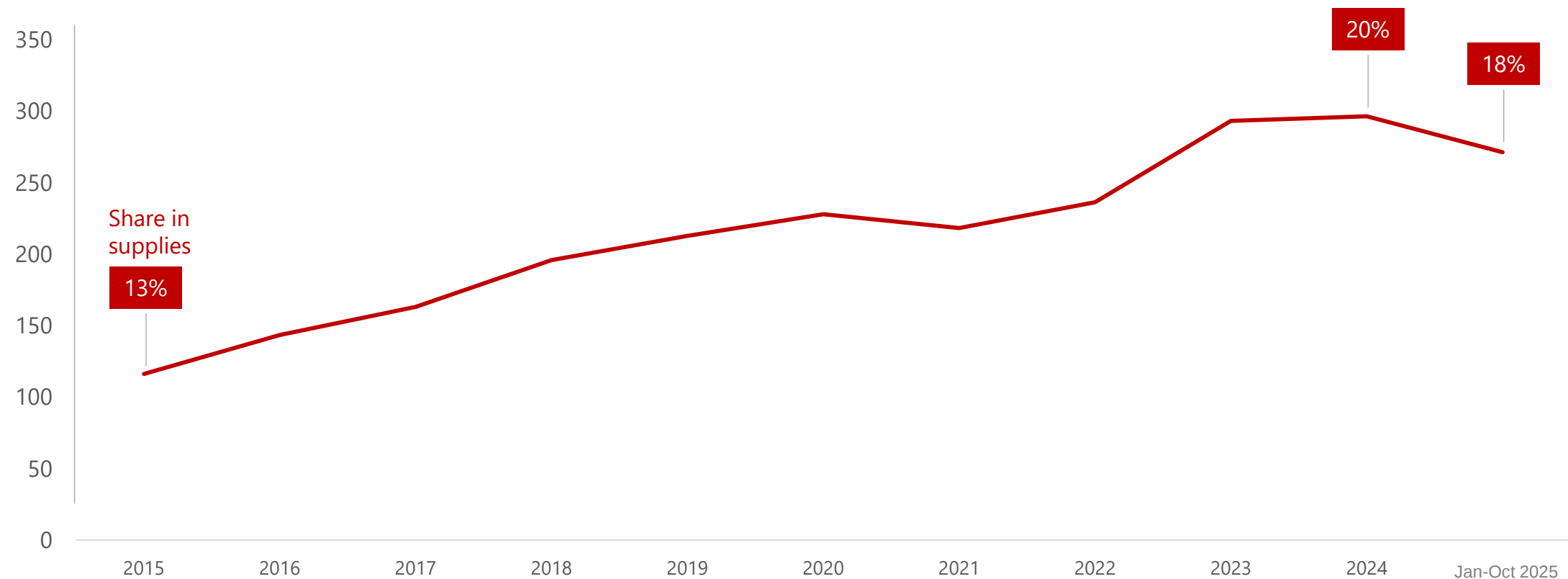


Source: IEA, World Gold Council, Ministry of Energy of the Russian Federation, PJSC MMC Norilsk Nickel, Energy Institute.

Note: The share in trade is calculated based on export data.

Russia has become China's Oil Supplier No. 1

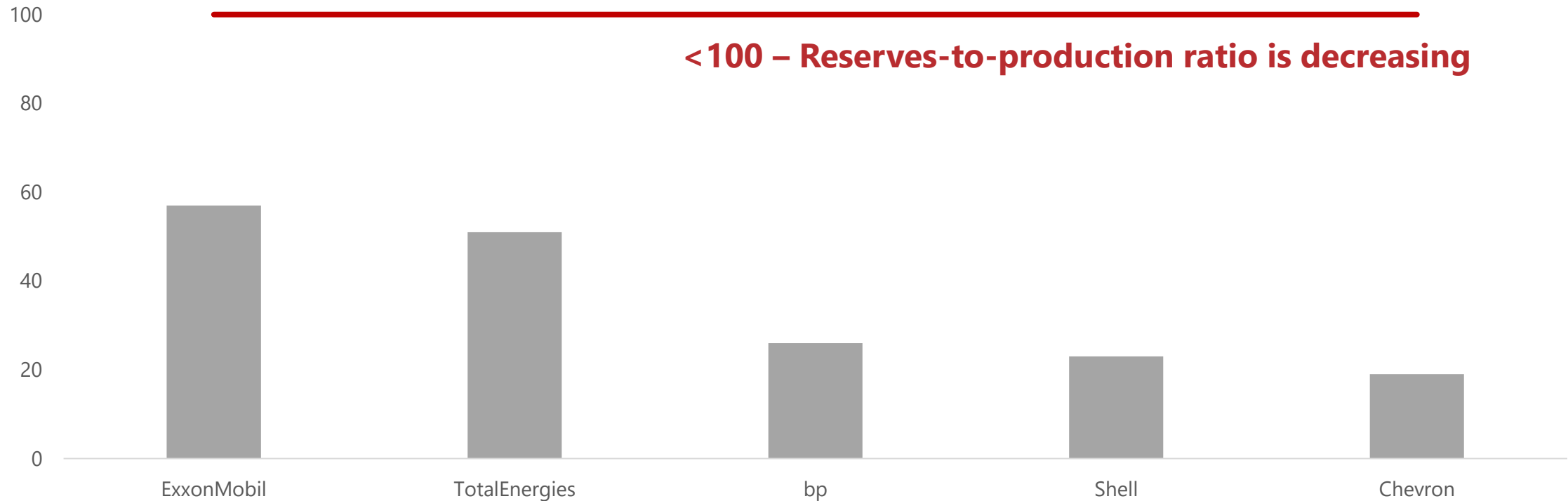
Russian oil export to China (thousand tons per day)



Source: General Administration of Customs of PRC

Oil majors do not replace the resource base

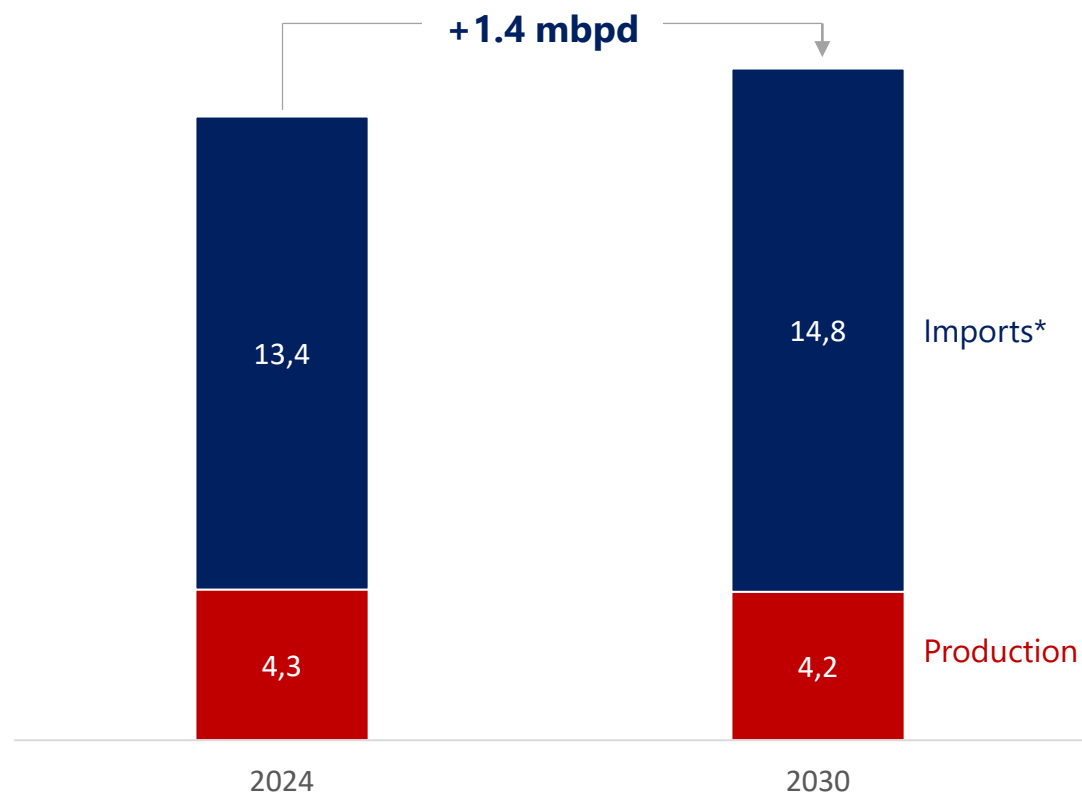
Reserves-to-production ratio in 2019-2024 (%)



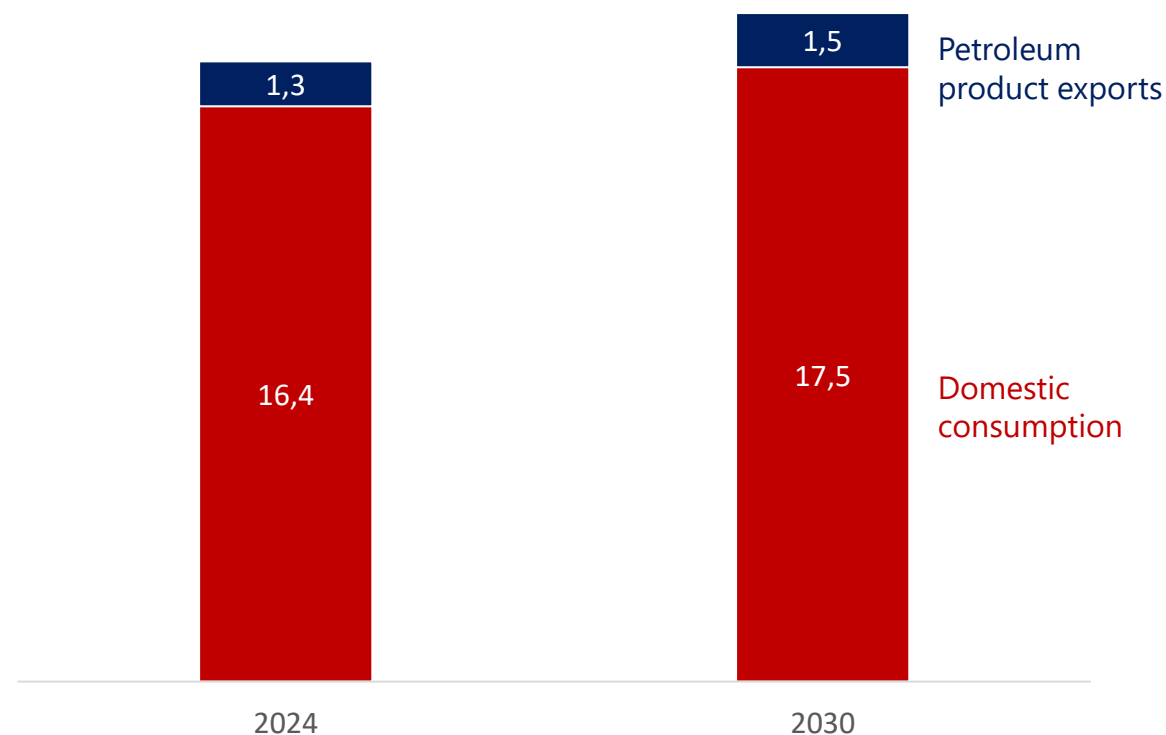
Source: Rystad Energy. Note: Remaining economically recoverable reserves as estimated by Rystad Energy; organic replacement of reserves excluding changes in reserves due to purchases or sales of assets

By 2030, oil imports to China may increase by 1.4 million barrels per day

Structure of oil supply in China
(million barrels per day)



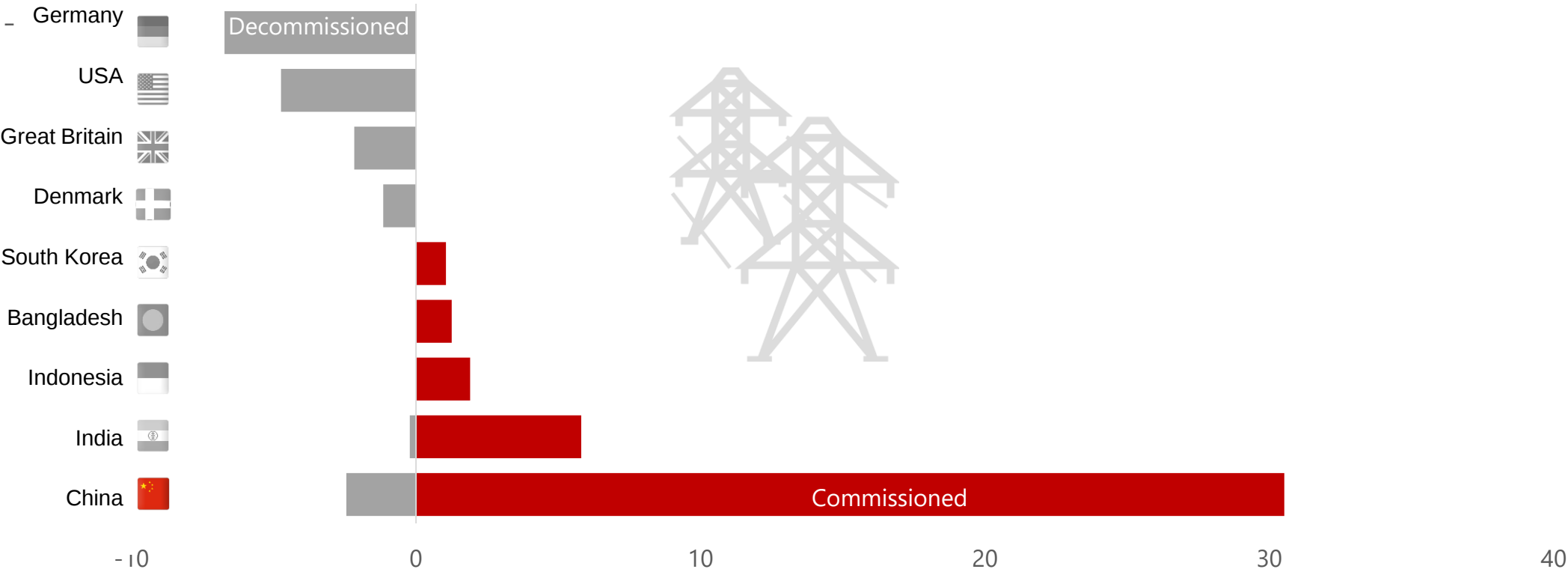
Structure of oil demand in China
(million barrels per day)



Source: Rosneft's calculations based on data from the Energy Institute, IEA, OPEC, US Department of Energy, SIA Energy. (*) including oil and petroleum products.

China is leading the way in commissioning coal power

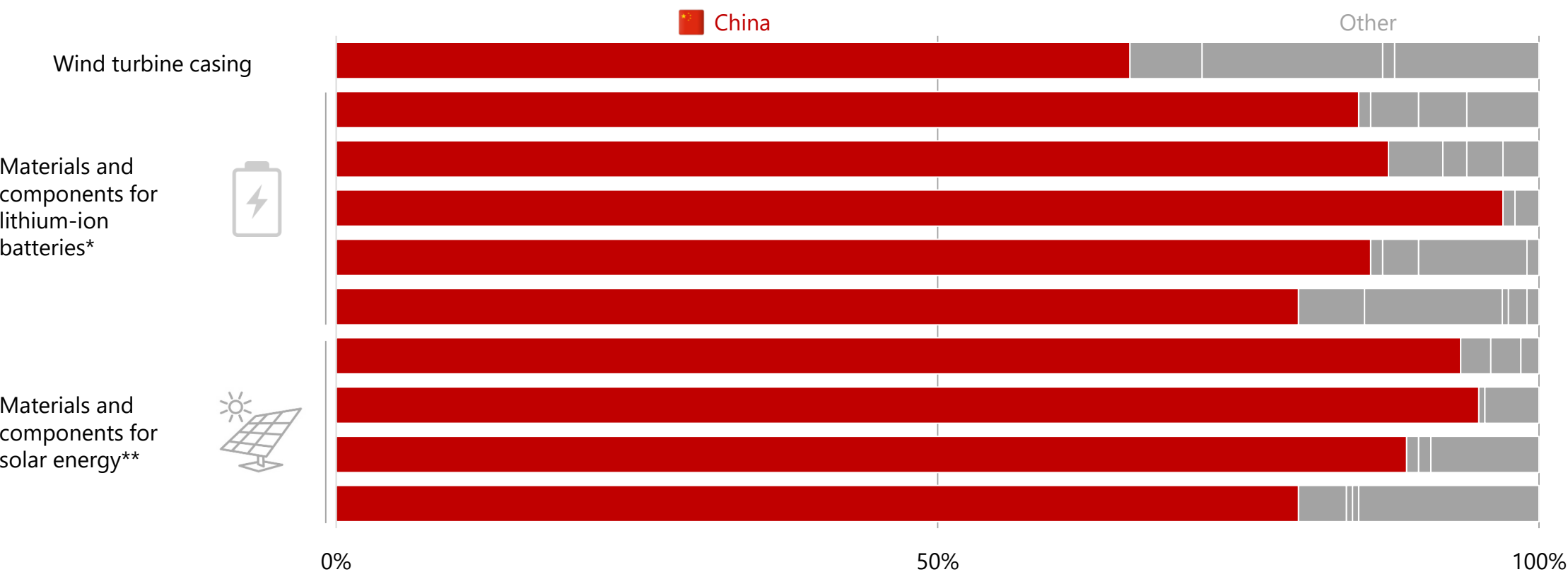
Change in the installed capacity of coal-fired power generation in 2024
(GW, year-on-year)



Source: Global Coal Plant Tracker

China is a leader in the production chain of renewable energy

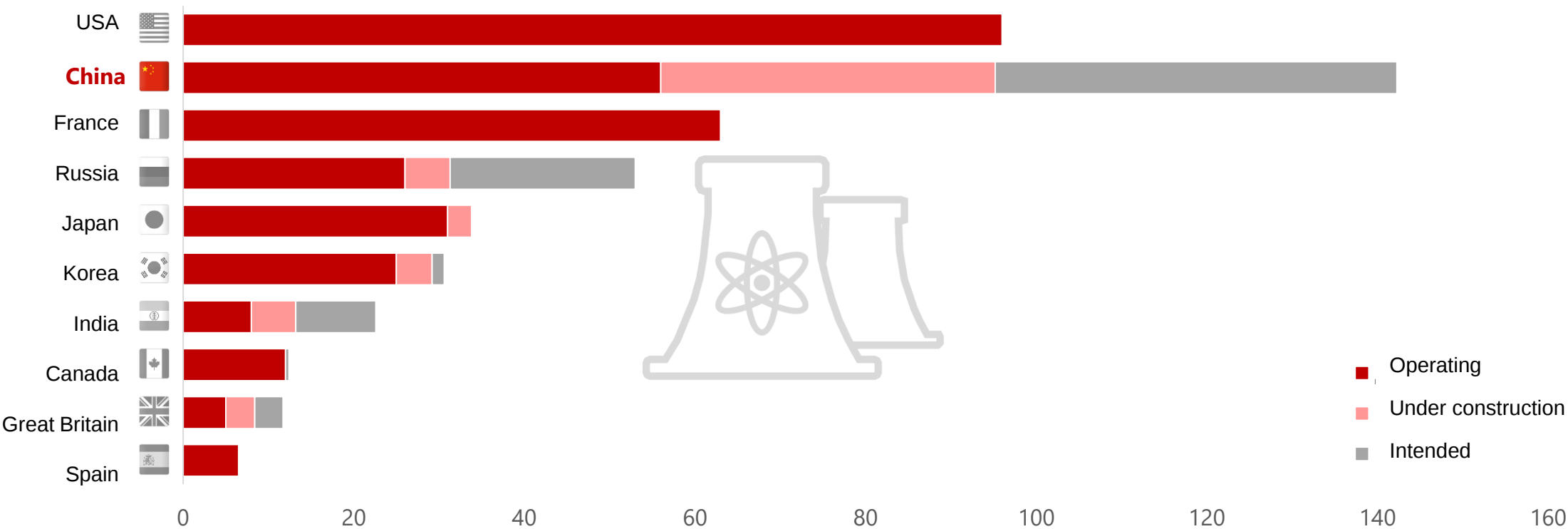
Green Economy Equipment Production Capacity in 2024,
by type



Source: Bloomberg, (*) incl. separators, electrolytes, anodes, cathodes, battery cells, respectively; (**) incl. polysilicon, panels, wafers, solar modules, respectively.

China is leading the way in the nuclear generation development

Nuclear power generation capacity in the world's leading countries (GW)



Source: IAEA, World Nuclear Association

Cooperation between Russia and China in the nuclear energy sector

Rosatom's nuclear power plant construction projects in China



Xudapu NPP

- 2 VVER-1200 power units (Nos. 3-4) under construction, with a capacity of 1200 MW each

Tianwan NPP

- 4 VVER-1000 power units (Nos. 1-4), with a capacity of 1000 MW each
- 2 VVER-1200 power units (Nos. 7-8) under construction, with a capacity of 1200 MW each

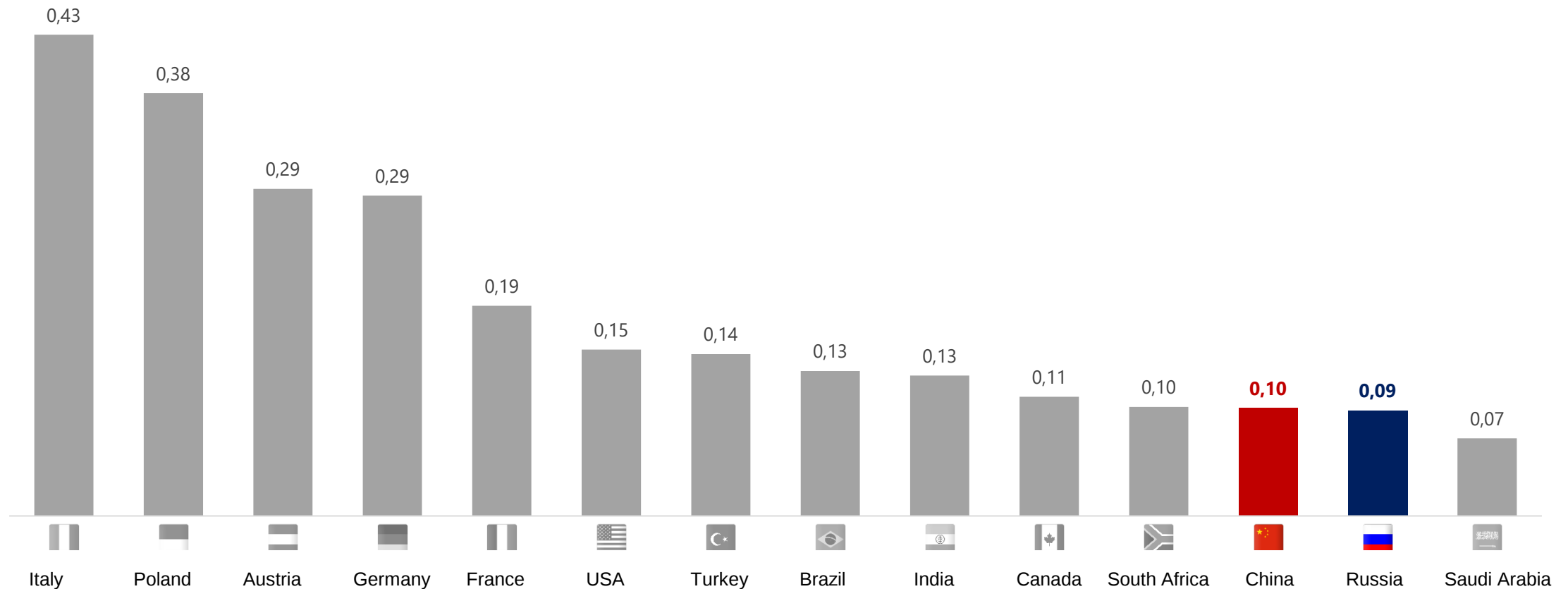
Source: Rosatom



Construction of the Tianwan and Xudapu NPPs in China

Russia and China have a competitive advantage in the form of cheap electricity

Electricity cost for companies, average value for 2023-2025 (dollars/KWh)



Source: Global Petrol Prices

