

Vehicle Exports from China

by VOLUME

Year to Date Update
January-December 2023

January-December 2023
4.91 million vehicles exported (CAAM)

China Association of Automobile
Manufacturers (CAAM)

January-December 2023
5.22 million vehicles exported (CGAC)

China General Administration of
Customs (CGAC)

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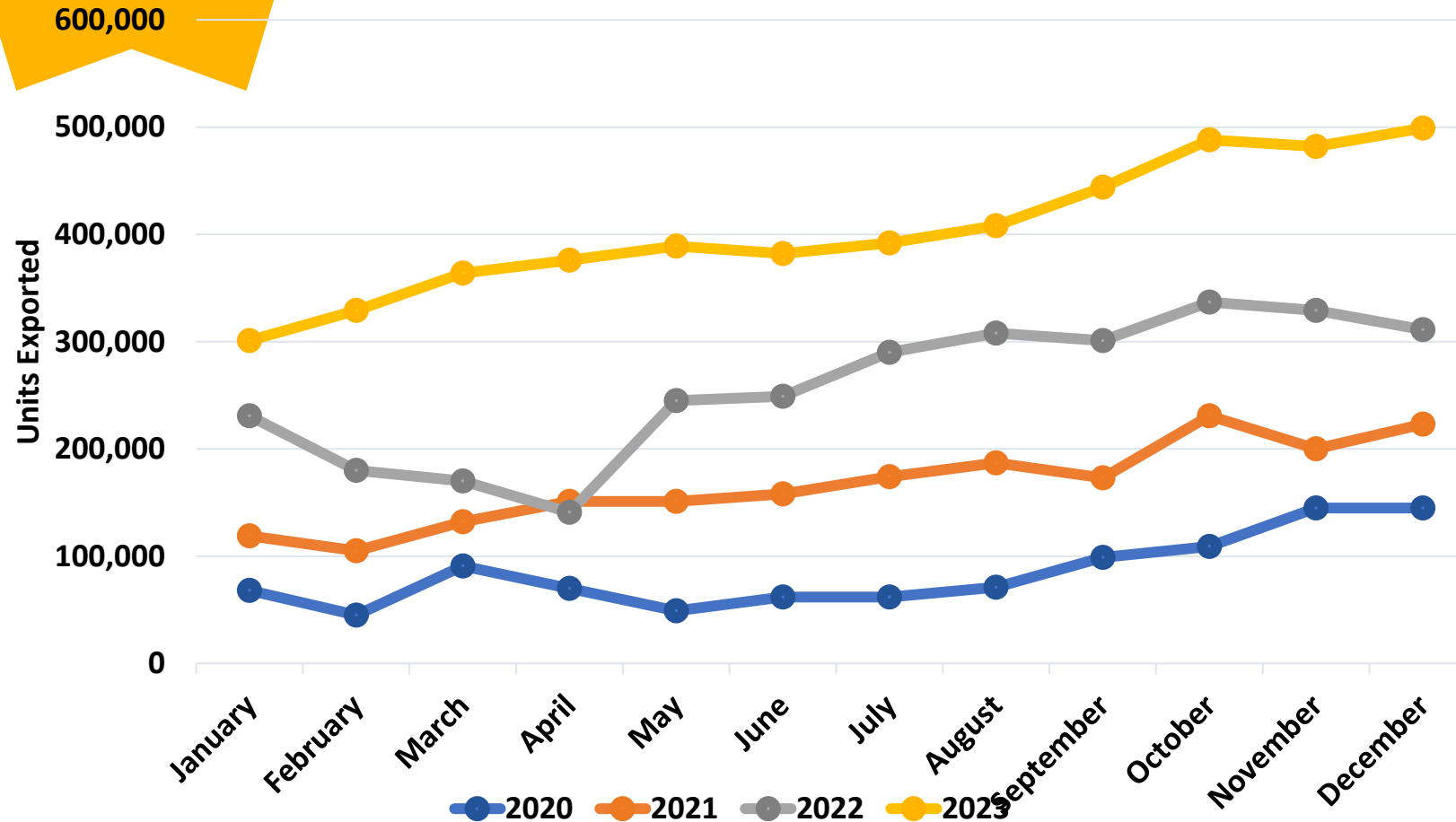


Finished Vehicle Exports from China

Vehicle Exports UP 57.9% YTD

Vehicle Exports from China, by Volume

FY 2023 EXPORTS FROM CHINA 4.91 MILLION



Full Year 2023 Vehicle Exports from CHINA: **4,910,000*** units

Full Year 2022 Vehicle Exports: **3,110,000** units

Full Year 2021 Vehicle Exports: **2,015,000** units

Full Year 2020 Vehicle Exports: **995,000** units

* Rounding may occur

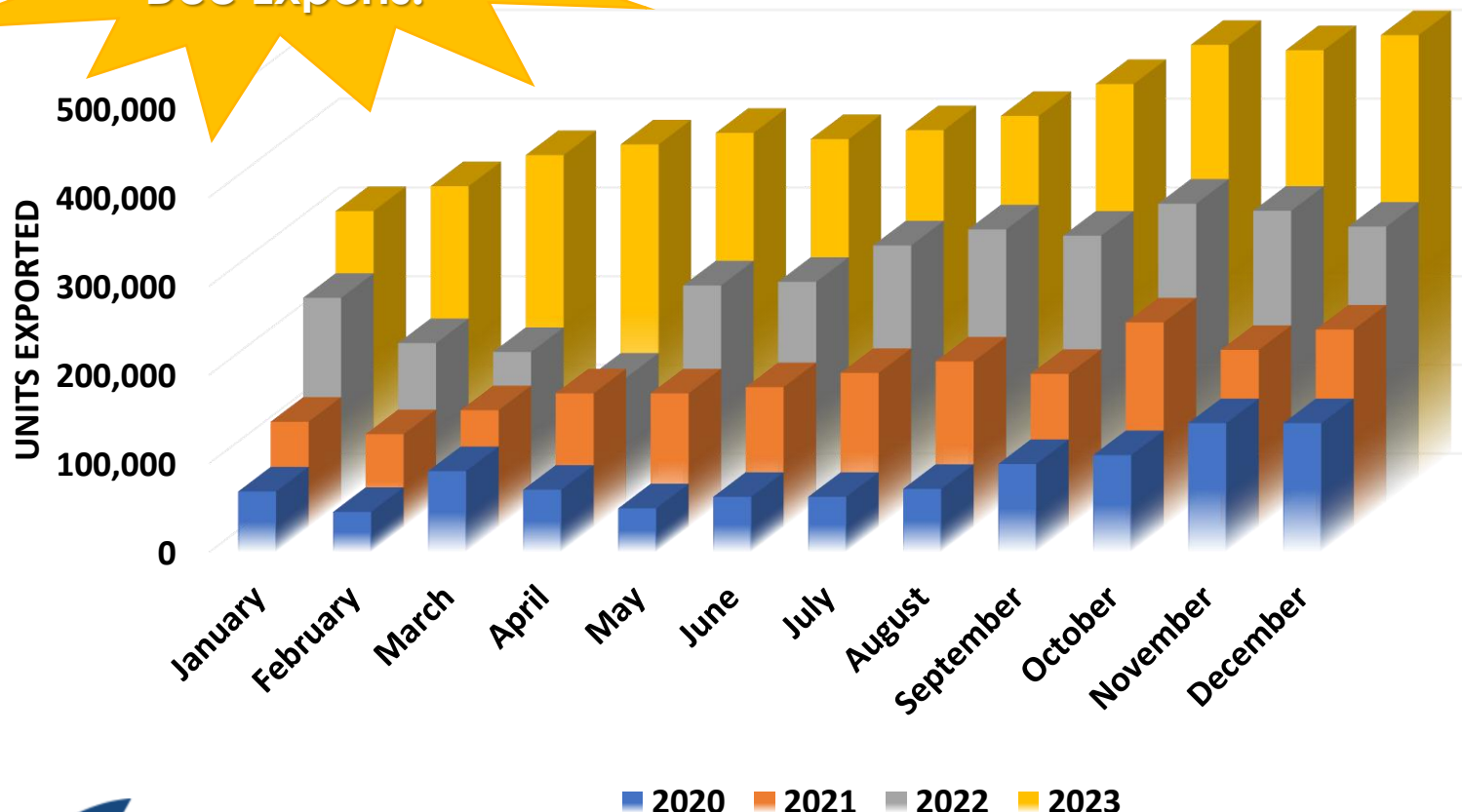


Vehicle Exports from China

FINISHED VEHICLE EXPORTS FROM CHINA

Record High
Dec Exports!

Dec Monthly Export Volumes
499,000 units,
Up 3.52 % m/m, up 54.3% y/y



	2020	2021	2022	2023
Jan	68,000	119,000	231,000	301,000
Feb	45,000	105,000	180,000	329,000
Mar	91,000	132,000	170,000	364,000
Apr	70,000	151,000	141,000	376,000
May	49,000	151,000	245,000	389,000
Jun	62,000	158,000	249,000	382,000
Jul	62,000	174,000	290,000	392,000
Aug	71,000	187,000	308,000	408,000
Sep	99,000	173,000	301,000	444,000
Oct	109,000	231,000	337,000	488,000
Nov	145,000	200,000	329,000	482,000
Dec	145,000	223,000	311,100	499,000

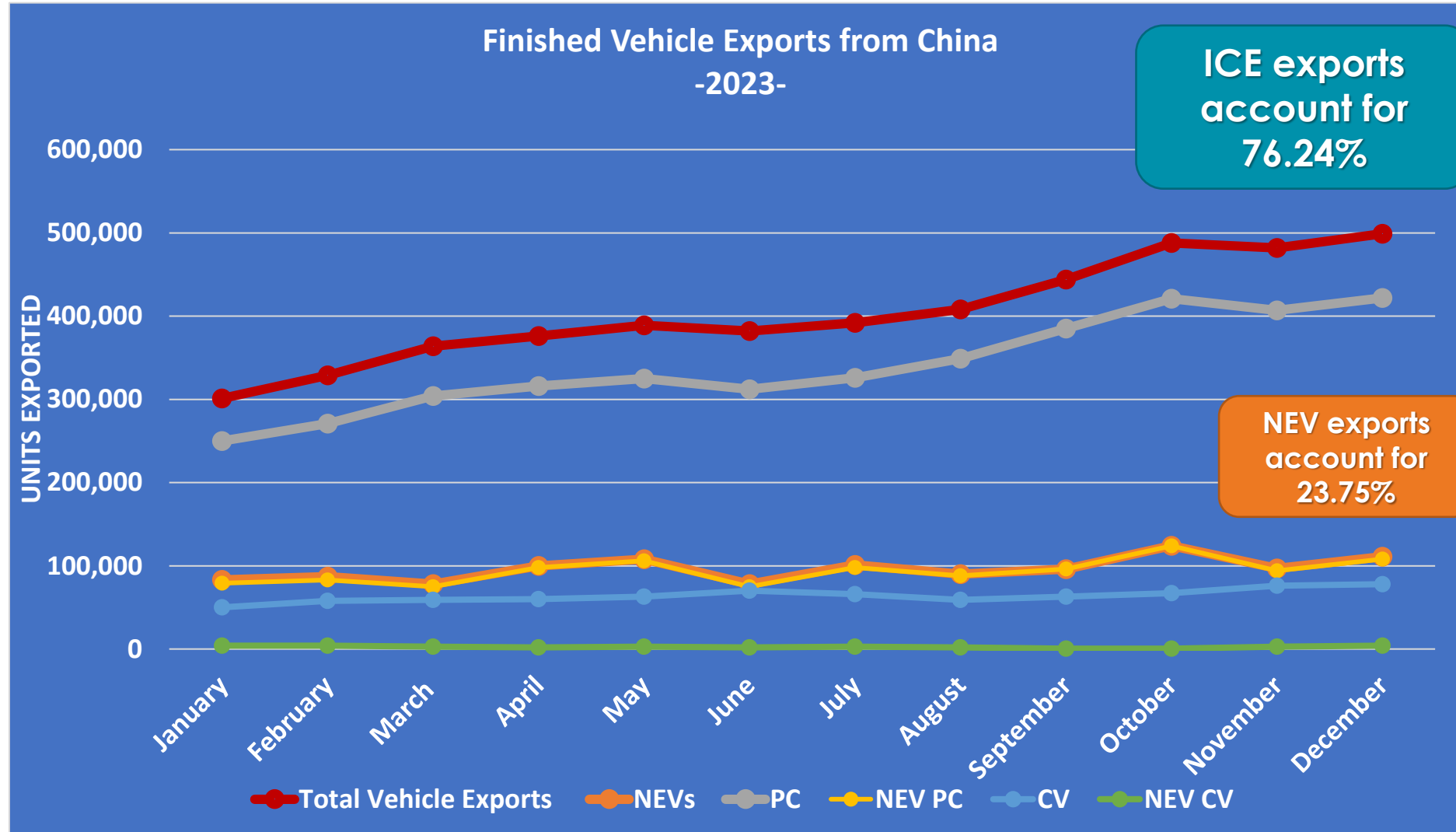


Source: ECG Business Intelligence, CAAM data



Due to rounding down in preceding months, CAAM updates final year volumes with total Jan-Dec '23 exports at 4.91 million, similarly Jan-Dec '22 exports at 3.11 million

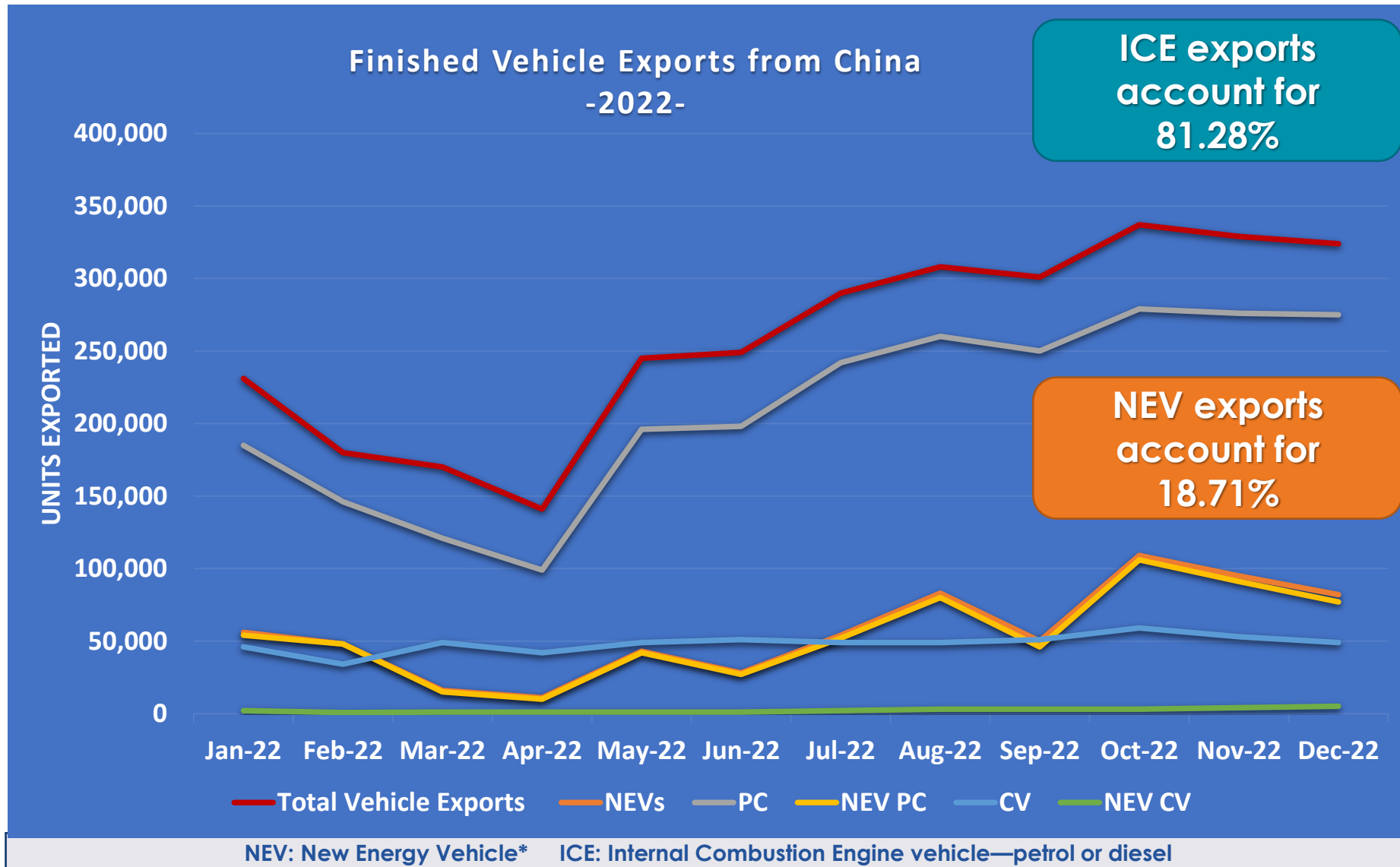
Exports by Type: January-December 2023



- Total Vehicles Exported Jan-Dec 4,854,000* UP 56%**
- Passenger Vehicles YTD 4,088,000 UP 61.77%**
- Total NEVs YTD 1,153,000 UP 70.8%**
- NEV Passenger vehicles 1,124,000 up 73.45%**
- Commercial Vehicles 769,000 UP 32.5%**
- NEV CV 31,000 UP 16.10%**

NEV: New Energy Vehicle ICE: Internal Combustion Engine vehicle—petrol or diesel

Exports by type – Full Year 2022



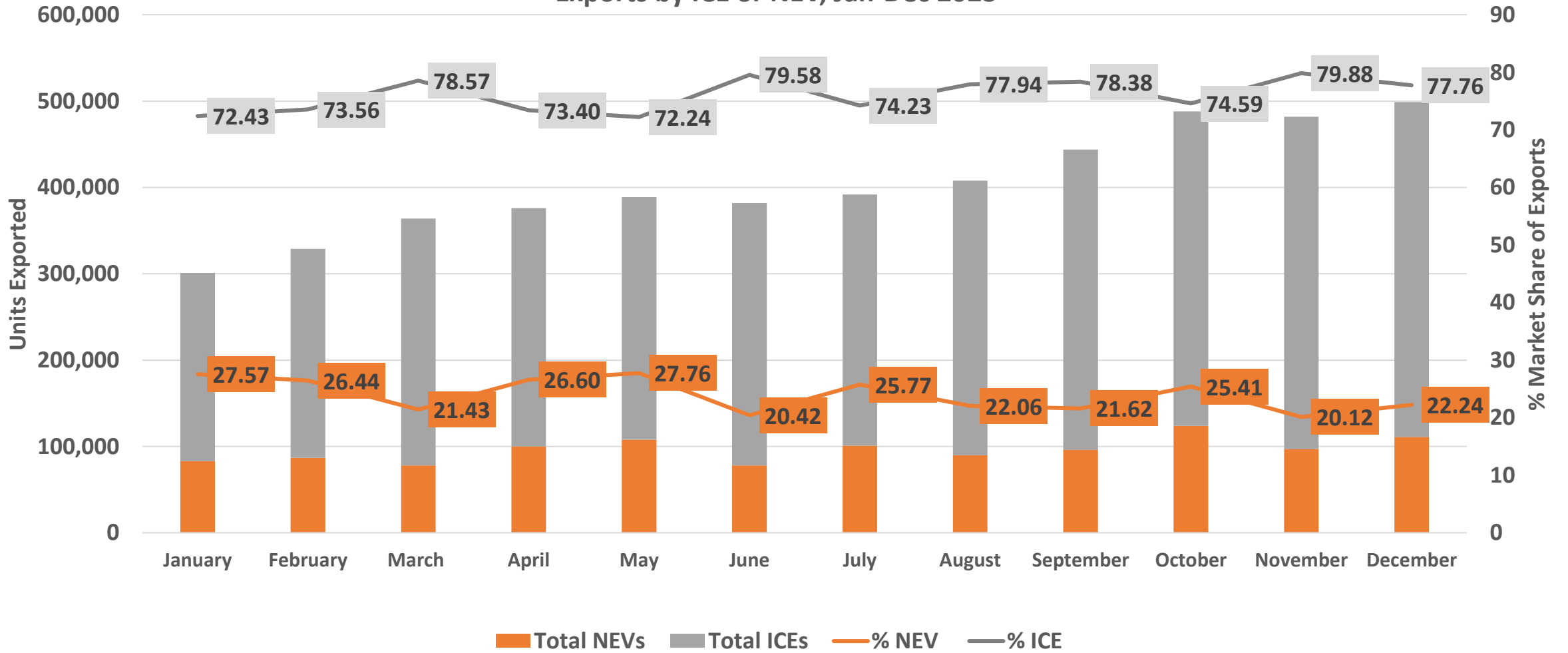
- Total Vehicles Exported**
3.09 mil
- Passenger Vehicles**
2.52 million
- Total NEVs**
675,000
- NEV Passenger vehicles**
648,000
- Commercial Vehicles**
581,000
- NEV CV**
26,700

Source:
ECG Business Intelligence,
CAAM data



ICE Exports continue to dominate in 2023

Exports by ICE or NEV, Jan-Dec 2023



Top 10 Automakers by Volume Exports from China



Automaker	Jan-Dec '23
SAIC	1,099,000
CHERY	925,000
GEELY	408,000
CHANGAN	358,000
TESLA	344,000
GREAT WALL	316,000
BYD	252,000
DONGFENG	231,000
BAIC	190,000
JAC	170,000



Top Destinations for Vehicle Exports from China

2023年1-11月主要整车出口市场累计出口量

(万辆)



Destination	Jan-Nov'23
Russia	841,000
Mexico	376,000
Belgium	202,000
Australia	201,000
Saudi Arabia	197,000
UK	195,000
Philippines	161,000
Thailand	158,000
UAE	137,000
Spain	124,000

NEV

ICE



Chinese OEMs invest

In PCTCs





January 17, 2024 –SAIC Anji Sincerity, with 7,600 CEU set sail for Europe.

- 5,000 cars on board, including MG & Maxus brands from SAIC, as well as some from Dongfeng Motor & Yutong.
- SAIC ANJI Logistics-owns 31 ships running 7 international routes between Southeast Asia, Mexico & Europe
- 14 new RoRo vessels to be delivered over next 3 years, with total investment USD 1.39 billion.



15 January 2024: BYD Explorer 1, CEU 7,000 departed Xiaomo International Logistics Port in Shenzhen for Vlissingen in the Netherlands, and Port of Bremerhaven in Germany

- 4,000 -5,000 new energy vehicles onboard
- Xiaomo Port Auto Roro Terminal, still under construction, has 9,200 parking spaces and aims for 750,000 throughput capacity per year.
- BYD –2 PCTC ordered from Guangzhou Shipyard (23.1.2023)
- BYD-4 PCTCs ordered from China Merchants Industry Nanjing Jinling with 9,400 CEU each (12.12.2022)



3.1.2023: Chery Automobile Company and Jianghuai Automobile Company (JAC) form alliance with Anhui Provincial Port to establish Anhui Hangrui International Ro-Ro Company

1.2.2023: Chery takes over Samjin Shipbuilding in Weihei, Shandong province to bring PCTC production inhouse.

- Chery commissions 8 LNG dual fuel car carriers with delivery dates in 2025-2026

3.3.2023: Anhui Hangrui launches Ro-Ro service from Wuhu to Mexico

Chery

Chinese carmaker Chery eyes UK factory this decade

State-owned company set to enter British market with a range of petrol, hybrid and electric cars “We are still thinking from the investment point of view, the UK should do a separate plant,” he said. “The UK itself is big enough, with 2mn market demand.”

JANUARY 4 2024 FINANCIAL TIMES

Chinese automaker revives domestic shipyard for PCTC orders

01 Feb 2023

Chery is taking over a faltering shipyard in northern China as it aims to build and own a fleet of car carriers

Lloyd's List

Anhui Port and Shipping, Chery and JAC set-up ro-ro jv

SeatradeMaritime

Hangrui starts ro-ro service to Mexico

Mar 01, 2023

- 28.01.2023 Chery owns Wuhu Shipyard and has added Weihei Shipyard, known as Samjin Shipbuilding, to its portfolio
- Production of 6,000 CEU PCTCs & bulk carriers

1.881 Million Units in 2023: Chery, China's Top Passenger Car Exporter for 21 Consecutive Years!

Jan 03, 2024



- In 2023, Chery Group achieved significant milestones, with annual sales of 1,881,316 units, representing a year-on-year growth of 52.6%, surpassing the industry growth rate;
- In 2023, Chery Group exported 937,148 vehicles, representing a year-on-year growth of 101.1% and securing 21 consecutive years as China's top passenger car exporter;

INDEPENDENT INNOVATION

Over the past 20 years, Chery has always insisted on independent innovation, established R&D centers in China, Germany, United States and Brazil. It also has established a global automotive R&D team of more than 5,500 people, thus gradually establishing the holistic technology and product R&D system. In this way, Chery has successfully created product brands such as Arrizo, Tiggo with cumulative global sales of more than 10 million units.

20+

Years of independent innovation

1,500+

Sales outlets in overseas market

80+

Countries/regions with export business

11 MILLION+

global Chery owners

5,500+

R&D talents

GLOBAL PARTNERSHIPS

Chery has implemented a globalization strategy since its establishment and has become the first passenger car company in China to export complete vehicles, CKD parts, engines, manufacturing technology and equipment to the global market.

In 2012, Chery and Jaguar Land Rover Motors jointly invested in the establishment of Chery Jaguar Land Rover Motors Co., Ltd., which is China's first Sino-British joint venture high-end automobile company.

Chery is not only rich in traditional automotive core technologies, but also accelerating its embrace of the era of intelligent vehicles. Up to now, Chery is cooperating with leading companies on intelligent technologies, such as Horizon Robotics, Huawei, iFly Tek, Alibaba, etc.



COSCO



- 29.11.2021 Guangzhou Yuanhai invests in 15 LNG dual fuel PCTCs with CEU 7,000 – 8,600.
- 22.12.2022 Yuanhai Automobile Shipping orders 6 dual fuel PCTCs, bringing total number of car carriers on order to 21 at Xiamen Shipbuilding and Mawei Shipbuilding
- Delivery due between 2025-2026
- Guangzhou Yuanhai is jointly funded by COSCO SHIPPING Specialized Carriers, Shanghai International Port Group Logistics (SIPGL) and SAIC Anji Logistics.

The background of the slide is a composite image. On the left, a portion of the Chinese national flag (red field with five golden stars) is visible. On the right, a close-up of a dart with a red shaft is shown hitting the red bullseye of a target. The target has a green ring around the bullseye and black and white segments. The overall background has a soft, blurred green and white gradient.

Targets for 2024

Chinese Targets for 2024



Overview of China's Auto Market -2023

- Total new vehicle sales Jan-Dec 2023 hit 30.094 million, up 12% year on year
- Total new vehicle production Jan-Dec 2023 hit 30.161 million, up 11.6% year on year
- Passenger Vehicle production hit 26.124 million, up 9.6%
- Passenger Vehicle sales hit 26.063 million, up 10.6%.
- Commercial Vehicle production hit 4.037 million, up 26.8%
- Commercial Vehicle sales hit 4.031 million, up 22.1%
- New Energy Vehicles production hit 9.587 million up 35.8%
- New Energy Vehicle sales hit 9.495 million up 37.9%
- In 2023, new vehicle sales in China hit 25.184 million, up 6%
- In 2023, new vehicle exports hit 4.91 million, up 57.9%

Exports account for just 16% of new vehicle sales
China relies on 84% sales in domestic market



China's Auto Targets 2024

2024汽车行业发展情况通报暨迎春团聚会在京举行

China's Auto Industry Development report-2024



- Released on 24.01.2024 by China Automotive Industry Advisory Committee
 - In 2024: Automobile production and sales to hit 31 million units
 - Improvement needed:
 - Domestic auto market has not grown enough in recent years
 - Losses made by New Energy Vehicle needs to be improved
 - Export volumes need to be increased
- 'Race to Change Lanes—China's Road to New Energy Vehicles [in the Fast Lane]' by Miao Wei
 - Trend of NEVs is irreversible
 - Penetration rate of NEVs to hit 50% in 2025-2026; as per the 'New Energy Vehicle Development Plan 2021-2035'
 - Pure Electric Vehicles era from 2035
 - Transformation of 'functional cars' to 'smart cars'
 - November 2023: Ministries began to allow L3/L4 autonomous vehicles on roads under conditional basis
 - 15 January 2024: Ministries launched 'vehicle road cloud integration'
- ICE / traditional fuel car makers must move to NEVs

**EVs MUST become
PROFITABLE,
LOSSES MUST STOP**



- What does this mean?
- Chinese government will push to achieve ALL these points
 - EVs will be pushed both domestically and in export markets
 - Loss making EV companies will likely be consolidated
 - ICE carmakers MUST have a transition plan to EVs
 - Measures will come to boost domestic market

A red chess king piece stands prominently on a chessboard. Behind it, a Chinese flag is partially visible. In the background, several black chess pieces are out of focus. The overall scene is set against a dark, moody background.

Trade Routes to Europe

Navigating Global ~~Politics~~ Trade Routes

Navigating Red Sea Disruption

- Shanghai to Rotterdam
 - **Using Red Sea Route (RSR)**
 - 11,000 nautical miles
 - 25 days
 - **Using Cape of Good Hope**
 - 14,000 nautical miles
 - 34 days
 - **Using Northern Sea Route (NSR)**
 - 7,000 nautical miles
 - 20 days



25
days

34
days

20
days

Alternative shipping route avoiding Red Sea

— Using Red Sea/Suez Canal

10,000 nautical miles (18,520km)

25.5 days*

— Around Cape of Good Hope

13,500 nautical miles (25,002km)

34 days*

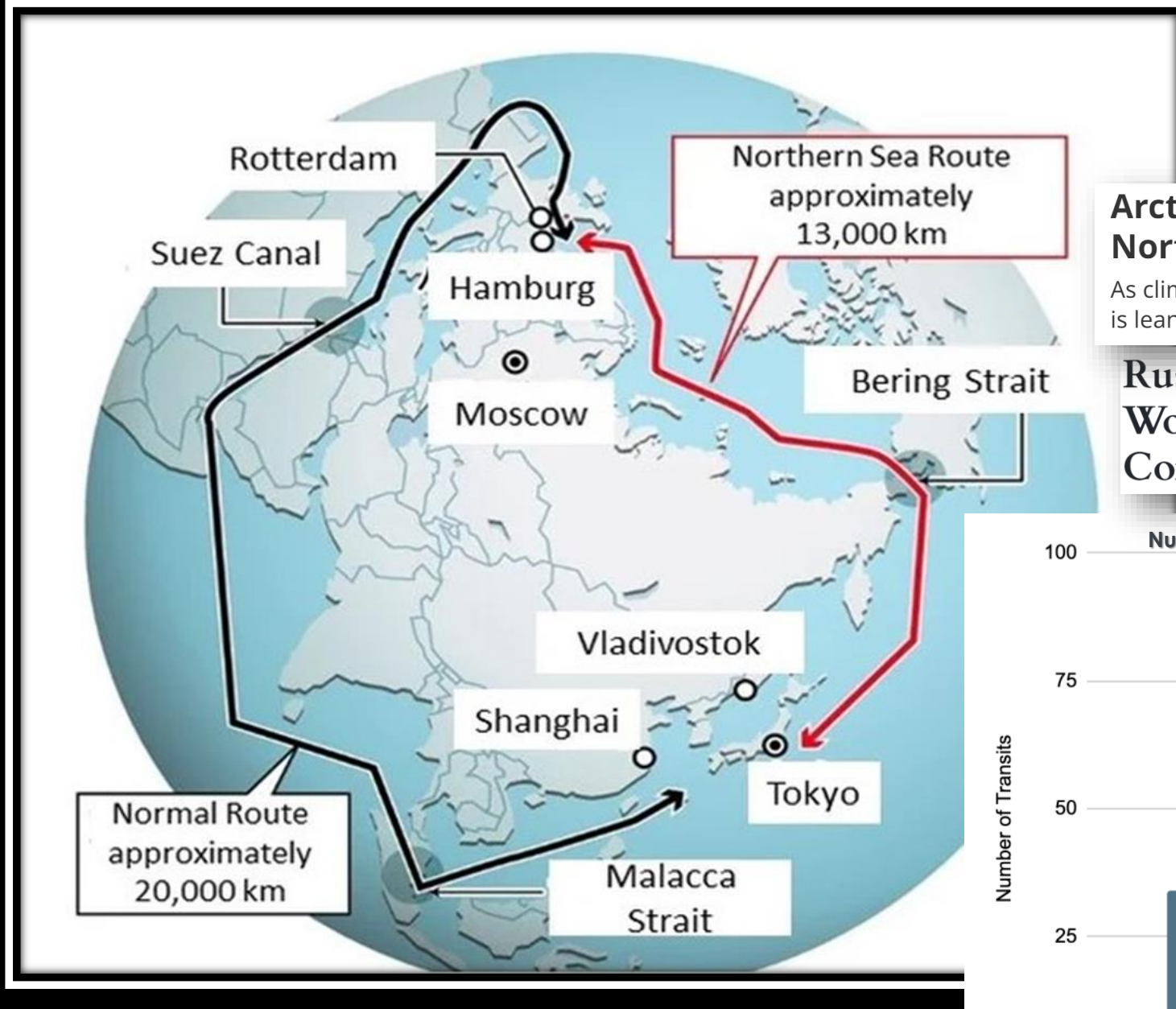


Source: *VesselsValue*

Data correct as of 3rd January 2024

* Based on Pure Car Truck Carrier's (>3,000 CEU) average speed of 16.5 knots

VESON
NAUTICAL



Northern Sea Route Saw Seven Containership Voyages in 2023, Including Controversial Chinese Container Ship

Arctic Ambitions: China's Engagement With the Northern Sea Route
November 24, 2023

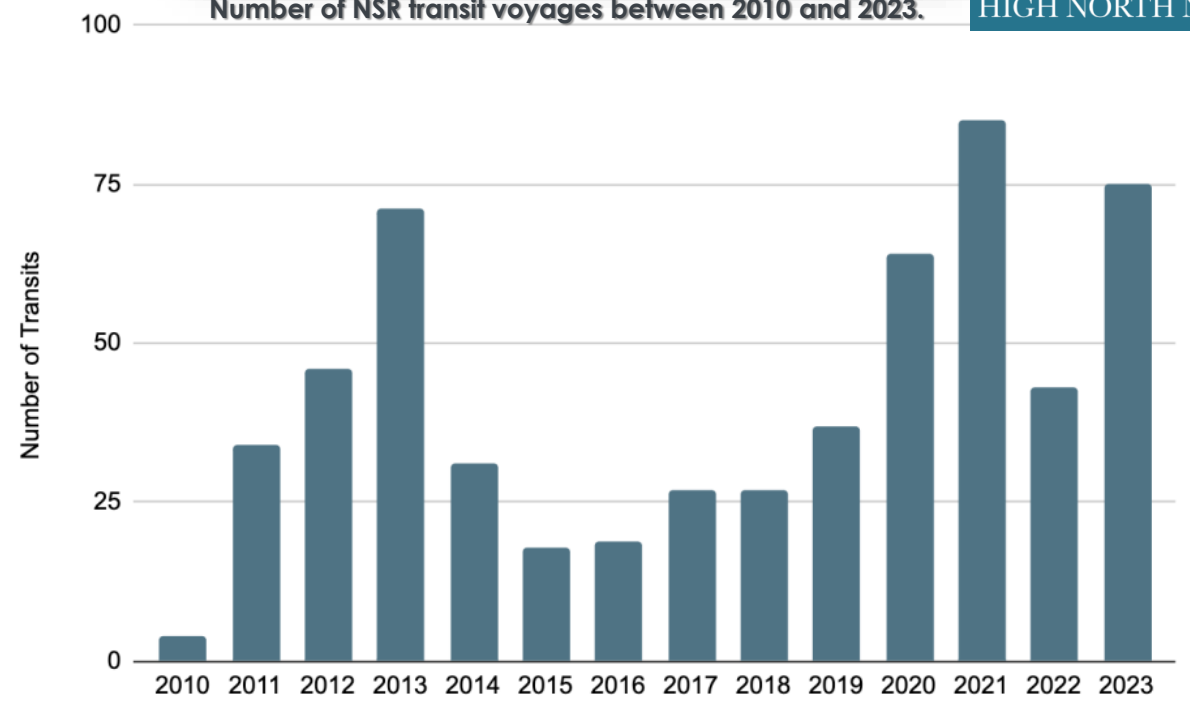
As climate change makes the Arctic shipping route more feasible, China is leaning in.



Russia Inks Deal with Dubai's DP World To Develop Arctic Container Shipping
Oct 26 2023

Number of NSR transit voyages between 2010 and 2023.

HIGH NORTH NEWS



[Home](#) > [Trade Insights](#) > [Expert opinions](#) > [northern sea route](#)

A RESPONSIBLE NORTHERN SEA ROUTE

A viable route that will deliver immense efficiencies

This polar silk road does not just provide an incremental improvement to shipping times – **it will fully halve transit times and CO2 emissions for ships taking the new route.** The shipping sector is responsible for around 940 million tons of carbon dioxide emissions each year. That's 2.5% of all greenhouse gas emissions worldwide. With one third of the world's trade flowing between Europe and Asia, cutting this route in half stands to make a meaningful dent in humanity's overall greenhouse gas emissions.



Dubai, 19 October 2023

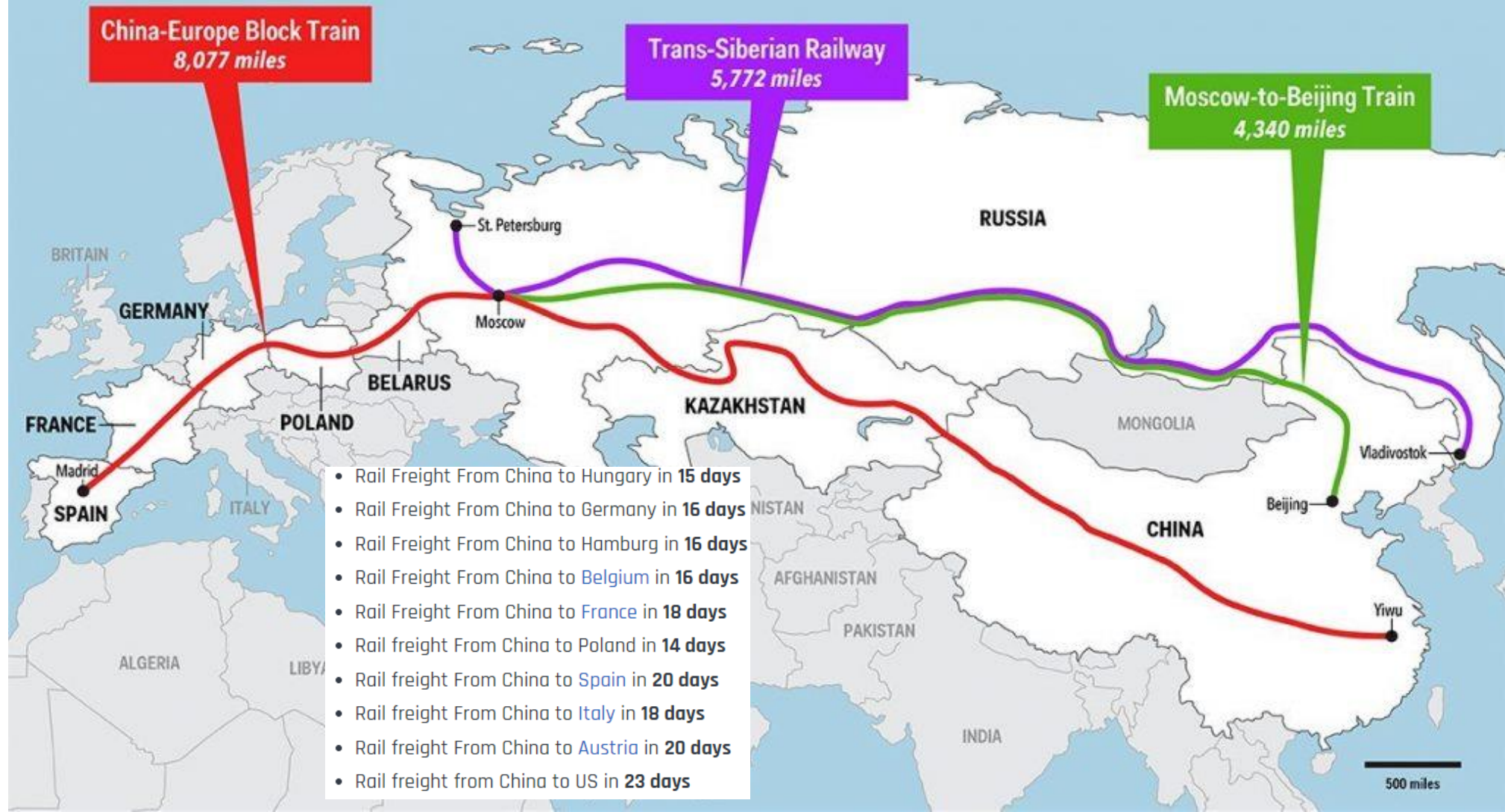
DP WORLD EXPANDS AUTOMOTIVE LOGISTICS EXPERTISE WITH ACQUISITION OF CFR RINKENS

CFR Rinkens, with its specialized expertise, provides invaluable proficiency in containerized finished vehicles, semi-knock-down vehicle logistics, and innovative racking systems. This additional depth of knowledge is set to fortify DP World's position as a trusted partner for automotive clients, supporting them through the industry's transition to electric vehicles and the global evolution towards sustainable energy solutions.

THE LONGEST RAILWAY IN THE WORLD

The China-Europe Block Train is the longest rail route in the world, surpassing the Trans-Siberian Railway and the Moscow-to-Beijing direct route. The world's longest railway also crosses through the greatest number of countries, going through China, Kazakhstan, Russia, Belarus, Poland, Germany, and France before ending in Spain.

“We estimate 0.9 million cars were shipped to Russia / Eastern Europe from China overland in Containers (ie not seaborne trade)...”



- Rail Freight From China to Hungary in 15 days
- Rail Freight From China to Germany in 16 days
- Rail Freight From China to Hamburg in 16 days
- Rail Freight From China to Belgium in 16 days
- Rail Freight From China to France in 18 days
- Rail freight From China to Poland in 14 days
- Rail freight From China to Spain in 20 days
- Rail freight From China to Italy in 18 days
- Rail freight From China to Austria in 20 days
- Rail freight from China to US in 23 days



Dan Nash,
Head of RoRo
VesselsValue



Dan Nash,
Head of RoRo
VesselsValue

- What proportion of new vehicle exports in 2023 from China used land routes, such as rail?

Dan Nash, VesselsValue: “We estimate 0.9 million cars were shipped to Russia / Eastern Europe from China overland in Containers (ie not seaborne trade).”

- What proportion of new vehicle exports in 2023 from China used shipping?

Dan Nash, VesselsValue: “We estimate 4.1 million light vehicles were shipped on ocean going vessels.”

- Of those new vehicles exported from China by Ship in 2023, what volume do you estimate were on RoRo vessels, ie PCTCs?

Dan Nash, VesselsValue: “3.6 million left China on RoRos.”

- Of those new vehicles exported from China by Ship in 2023, what volume do you estimate were in containers?

Dan Nash: “Half a million light vehicles were exported on Container ships, which is a huge number owing to a lack of deepsea RoRo capacity.”

Thank You

For more information please email: Namrita.Chow@ecgassociation.eu

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