

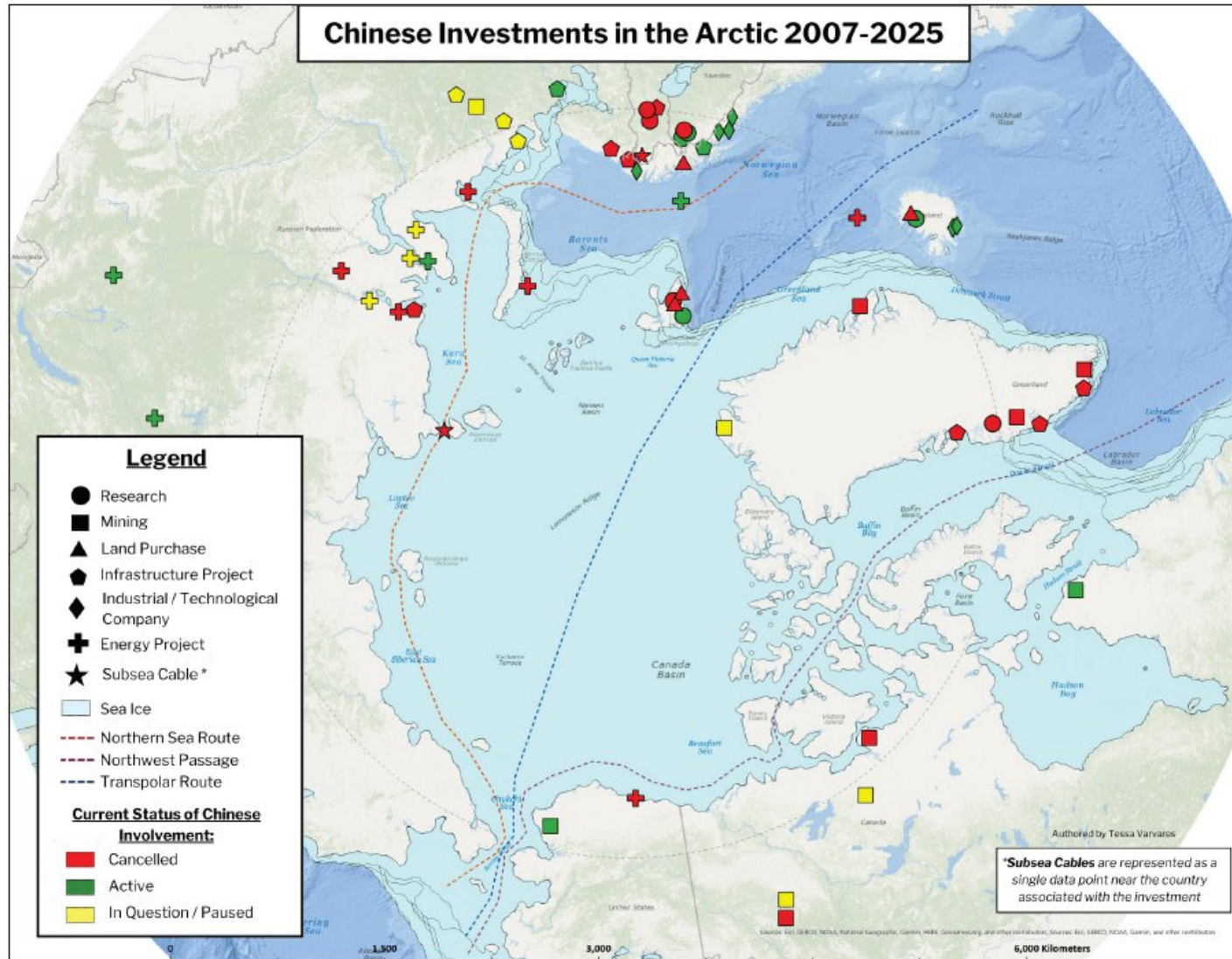
Cooperation between Russia, India and China in the field of renewable energy for the sustainable development of the Arctic

Anton N. Sokolov,

Expert

Russian Gas Society

Global South in the High North – a justified reason for the West to be worried?



Edstrøm, Hauksdóttir, Lackenbauer; 2025

China-Russia cooperation poses rising threat in Arctic, Pentagon warns

By [J.D. Simkins](#)

Dec 7, 2024

Front-Line NATO Member Issues Warning About China's Ambitions in Arctic

Published Mar 03, 2025 at 4:27 AM EST

Norway 'Red Flags' China's Increasing Footprints In Its Backyard! Warns Against Russia-China Arctic Alliance

By [Sakshi Tiwari](#) - March 5, 2025

The Arctic Circle Assembly 2024

"China's Intentions in The Arctic Are Unclear - And That is a Growing Concern"

Canada Moves to Protect Arctic From Threats by Russia and China

Ottawa says its focus on the Arctic comes after Russia's invasion of Ukraine "has shaken the foundations" of international cooperation in the northern region.

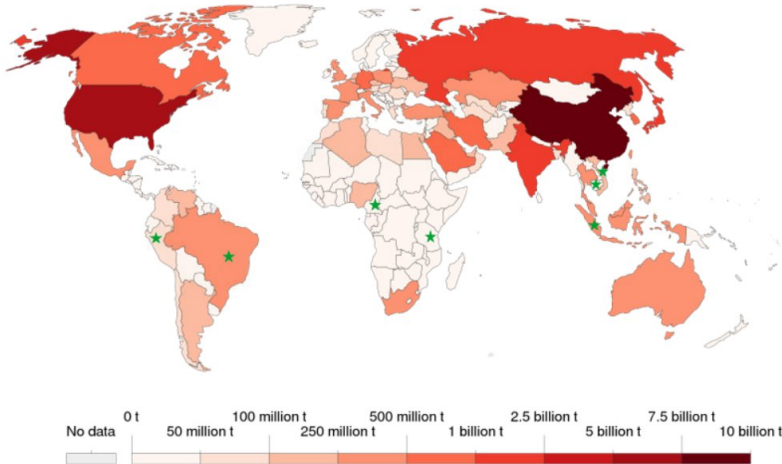
What is a Just Energy Transition?



Reducing Emissions from
Deforestation and forest
Degradation

Annual CO₂ emissions, 2017

Annual carbon dioxide (CO₂) emissions, measured in tonnes per year.



Source: Global Carbon Project; Carbon Dioxide Information Analysis Centre (CDIAC)



Who emits the most CO₂?

Global carbon dioxide (CO₂) emissions were 36.2 billion tonnes in 2017.

Our World
in Data

Asia

19 billion tonnes CO₂
53% global emissions

China

9.8 billion tonnes CO₂
27% global emissions

North America

6.5 billion tonnes CO₂
18% global emissions

USA

5.3 billion tonnes CO₂
15% global emissions

Europe

6.1 billion tonnes CO₂
17% global emissions

EU-28

3.5 billion tonnes CO₂
9.8% global emissions

Japan
1.2 billion tonnes
3.3%

Saudi Arabia
635 million tonnes
1.8%

Thailand
331M tonnes
0.9%

UAE
232M tonnes
0.6%

Pakistan
199M tonnes
0.55%

Iran
672 million tonnes
1.9%

South Korea
616 million tonnes
1.7%

Kazakhstan
293M tonnes
0.8%

Taiwan
272M tonnes
0.8%

Indonesia
489 million tonnes
1.4%

Malaysia
255M tonnes
0.7%

Philippines
126M tonnes
0.35%

Kuwait
104M tonnes
0.3%

Uzbekistan
94M tonnes
0.27%

Qatar
100M tonnes
0.4%

Bangladesh
80M tonnes
0.22%

Vietnam
199M tonnes
0.55%

Iraq
194M tonnes
0.54%

Canada
573M tonnes
1.6%

Mexico
490M tonnes
1.4%

South Africa
456M tonnes
1.3%

Nigeria
100M tonnes
0.3%

Brazil
476M tonnes
1.3%

Argentina
304M tonnes
0.8%

Venezuela
304M tonnes
0.8%

Egypt
219M tonnes
0.6%

Algeria
151M tonnes
0.4%

Chile
104M tonnes
0.3%

Colombia
100M tonnes
0.3%

Ukraine
212M tonnes
0.6%

Russia
449M tonnes
1.2%

Turkey
449M tonnes
1.2%

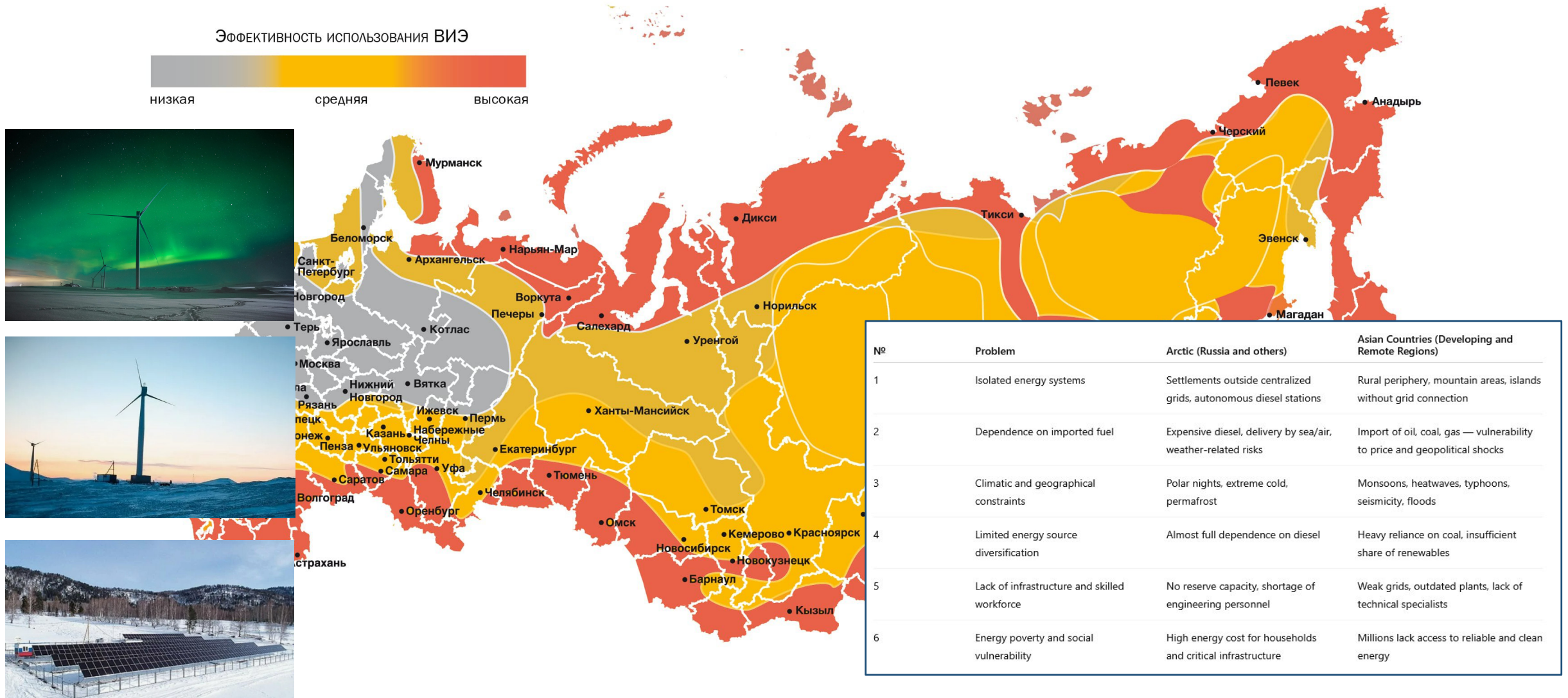
International aviation & shipping
1.15 billion tonnes
3.2%

Africa
1.3 billion tonnes CO₂
3.7% global emissions

South America
1.1 billion tonnes CO₂
3.2% global emissions

Oceania
0.5 billion tonnes CO₂
1.3% global emissions

What all this has to do with the Arctic?

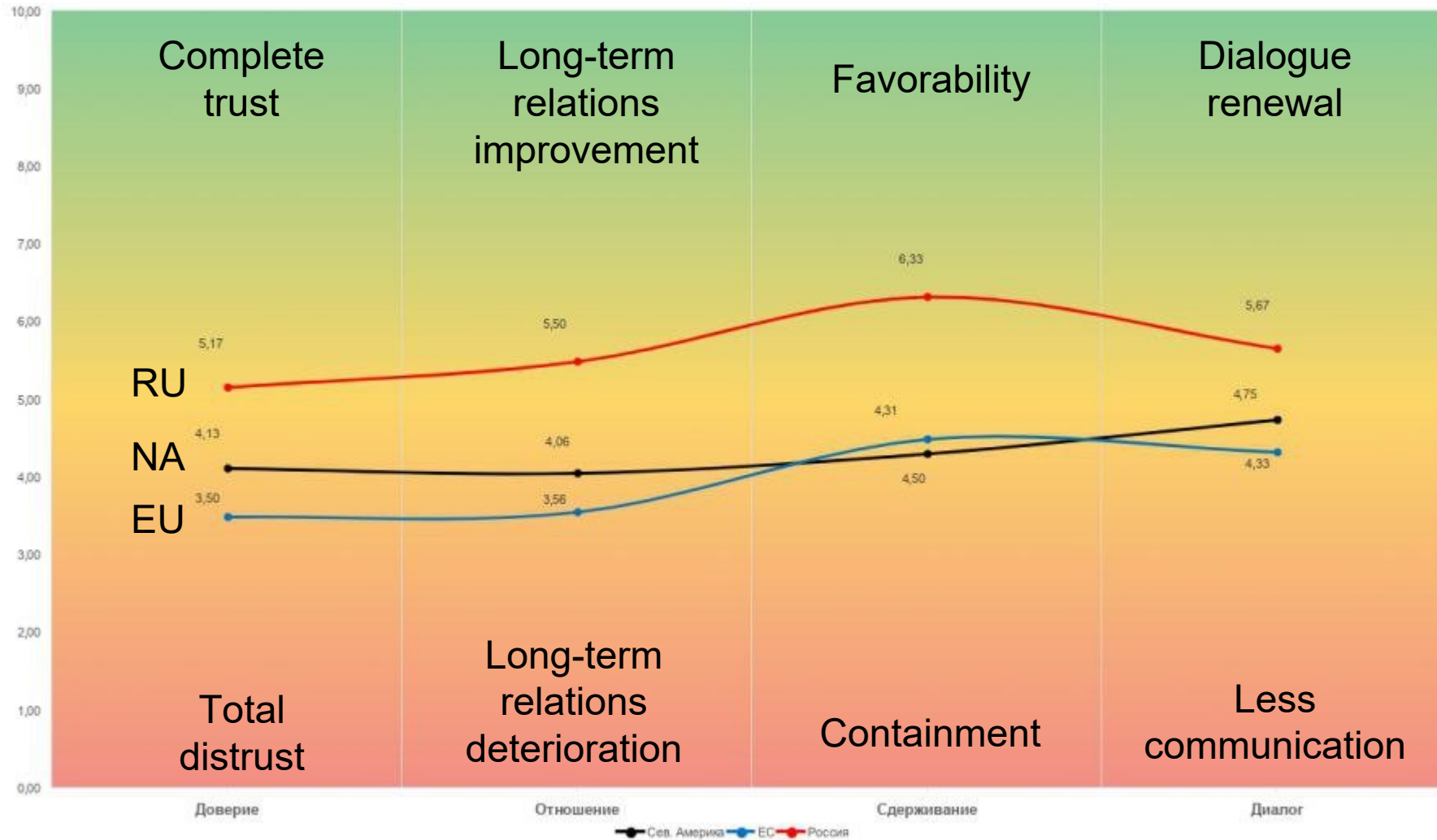


Golubev; 2018

Author; 2025

Arctic Cold War is here to stay for decades

Усредненные значения экспертных позиций по взаимодействию в Арктике



Russia's cooperation with Atlantic countries in the Arctic is effectively frozen after 2022. Projects with companies from the USA, Canada, and Norway have been terminated. Sanctions, withdrawal of partners and political isolation preclude the restoration of dialogue in the medium term. The Arctic has lost its status as a zone of excluded geopolitical interaction.

Russia is forced to refocus in the Arctic: only non-Western partners **COULD** provide technologies, investments, and logistics without (?) political conditions

Author; 2025

Let's continue the discussion

