

BRICS GROWING EXPLAINED

for reasonable measures



iCARI.eu



DATASET SOURCES

GHG Emissions

Emissions Database for Global Atmospheric Research (EDGAR) v.9 (2024)

GDP (current US\$)

World Bank Open Data

Population

United nations, Department of Economic and Social Affairs - Population Division

Primary energy production

Eurostat data

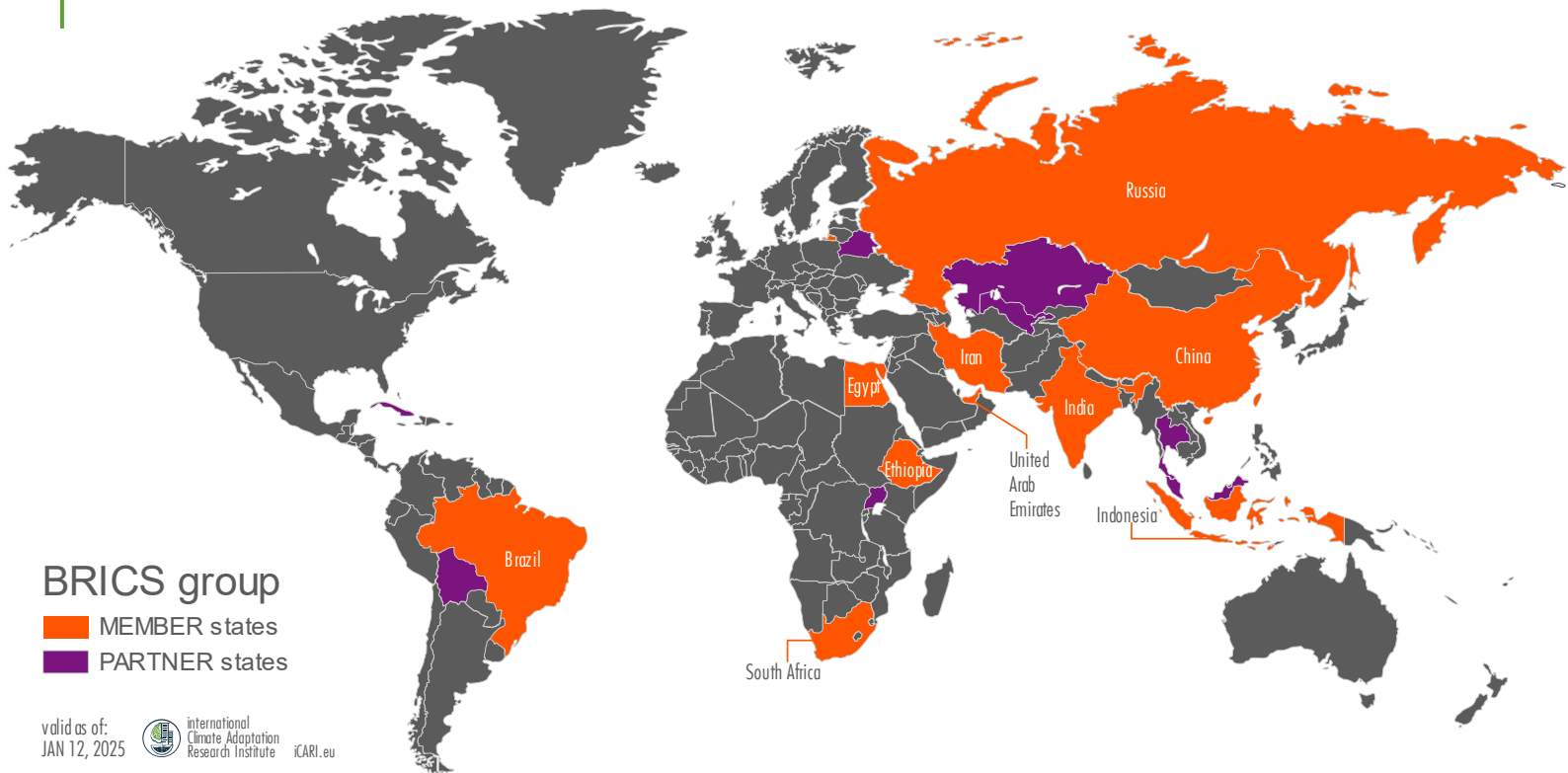
National Bureau of Statistics of China

World Energy & Climate Statistics – Yearbook
2024

EDGAR (Emissions Database for Global Atmospheric Research) Community GHG Database, a collaboration between the European Commission, Joint Research Centre (JRC), the International Energy Agency (IEA), and comprising IEA-EDGAR CO₂, EDGAR CH₄, EDGAR N₂O, EDGAR F-GASES version 9.0, (2024) European Commission, JRC (Datasets). The complete citation of the EDGAR Community GHG Database is available in the 'Sources and References' section.



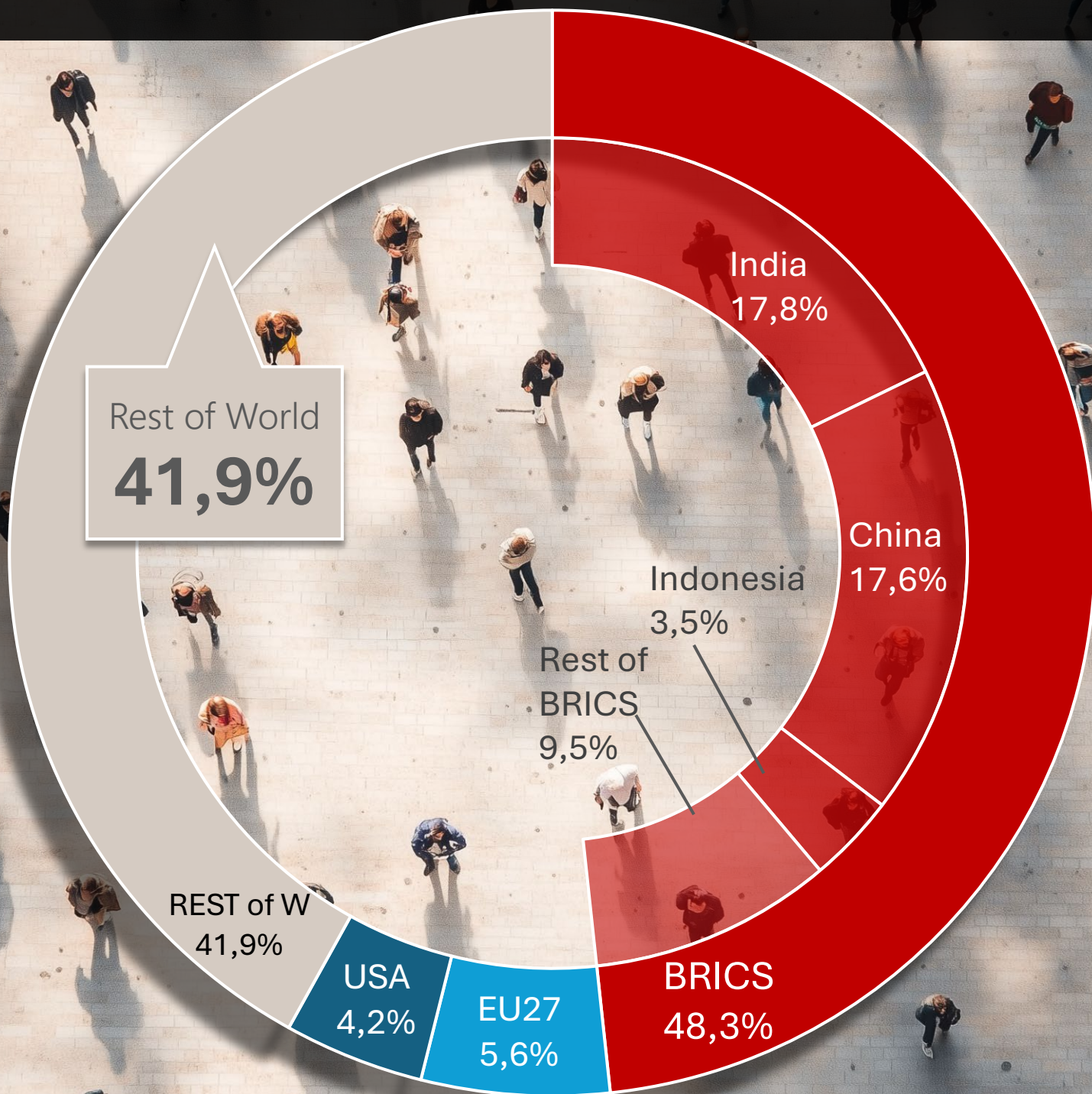
Growing economic force in the last two decades



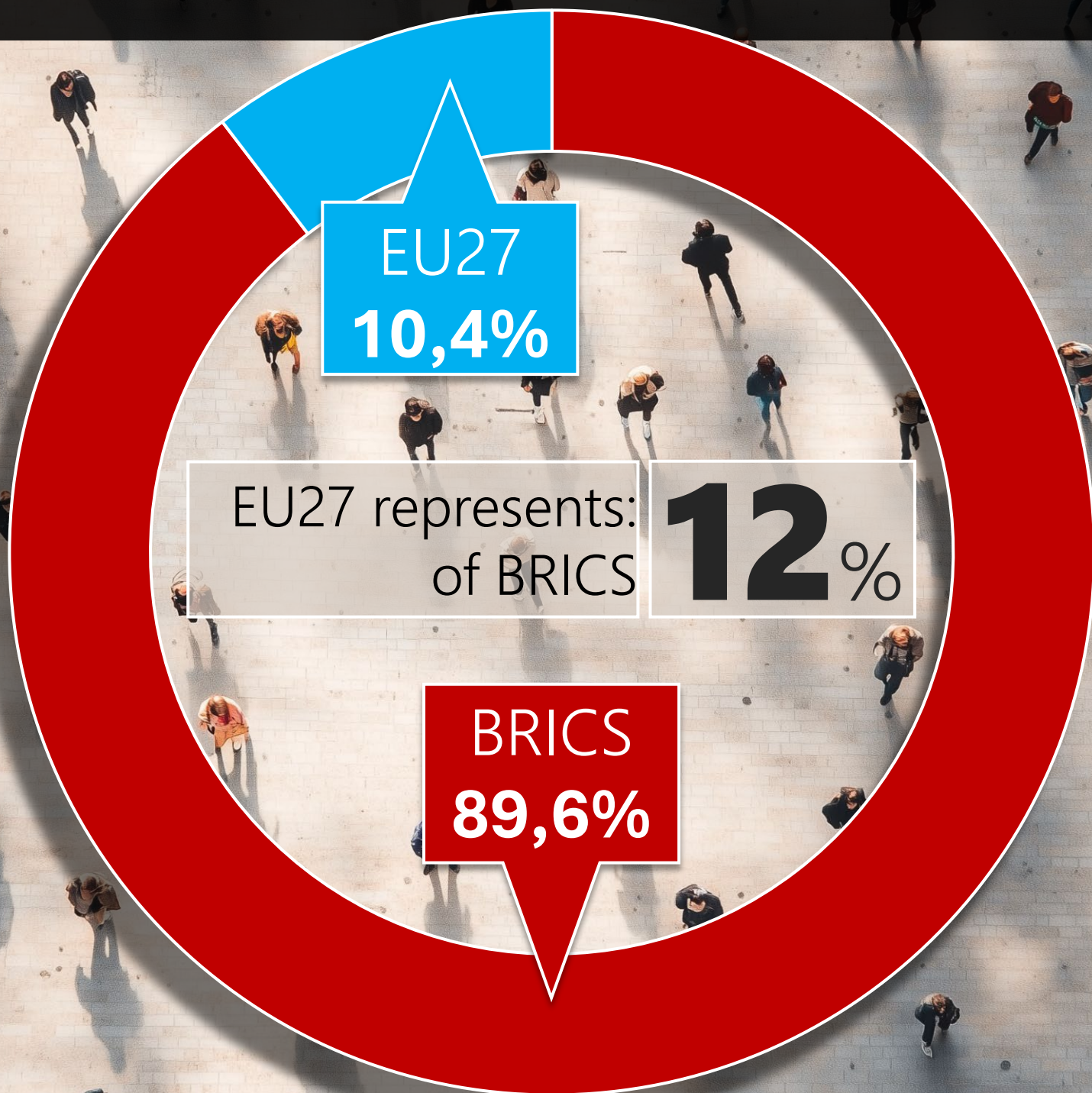
Leading force in the field of
contributing to anthropogenic
impacts of climate change



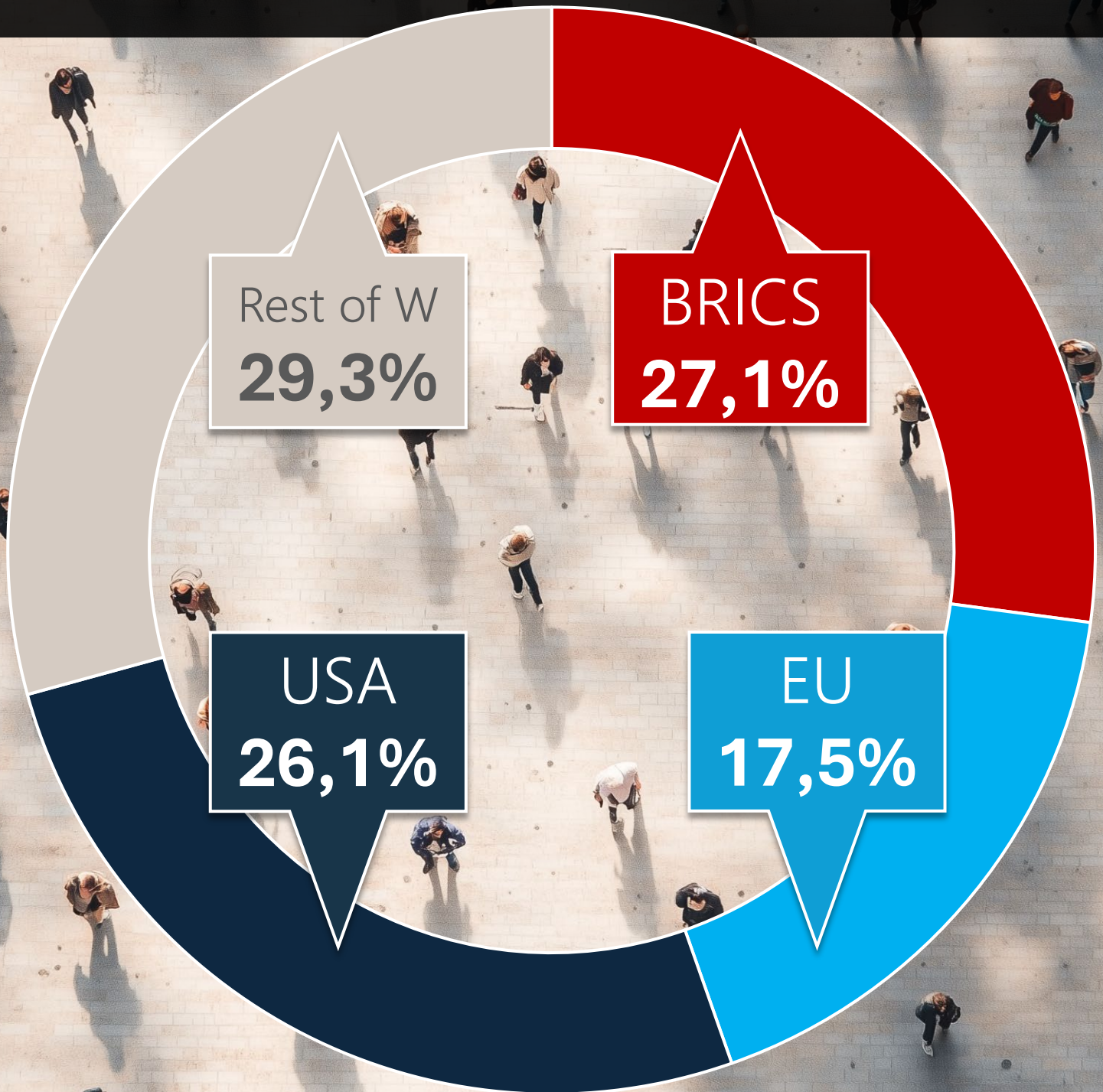
Population (2023) breakdown



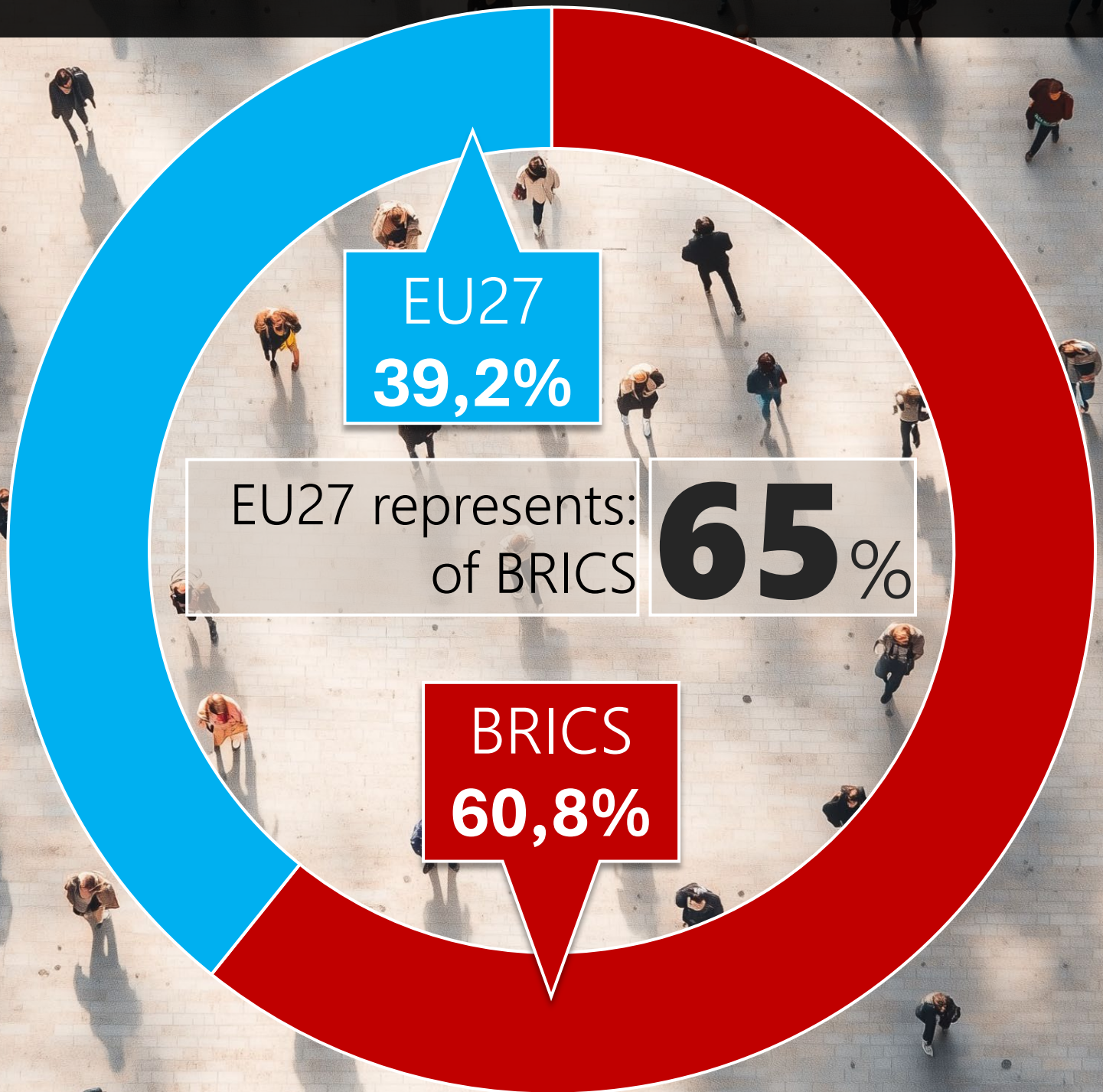
Population (2023) comparison



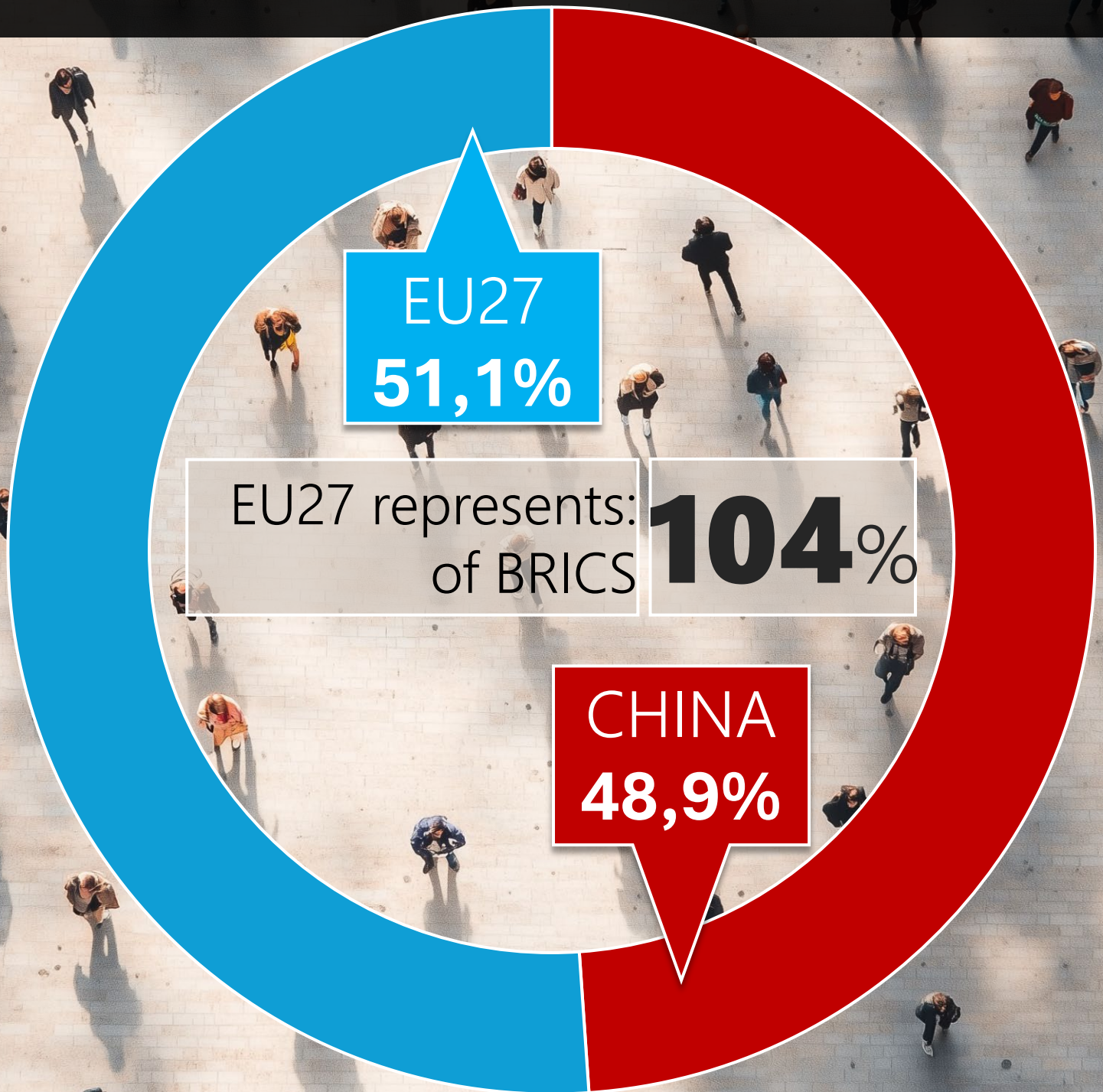
GDP (2023, current US\$) breakdown



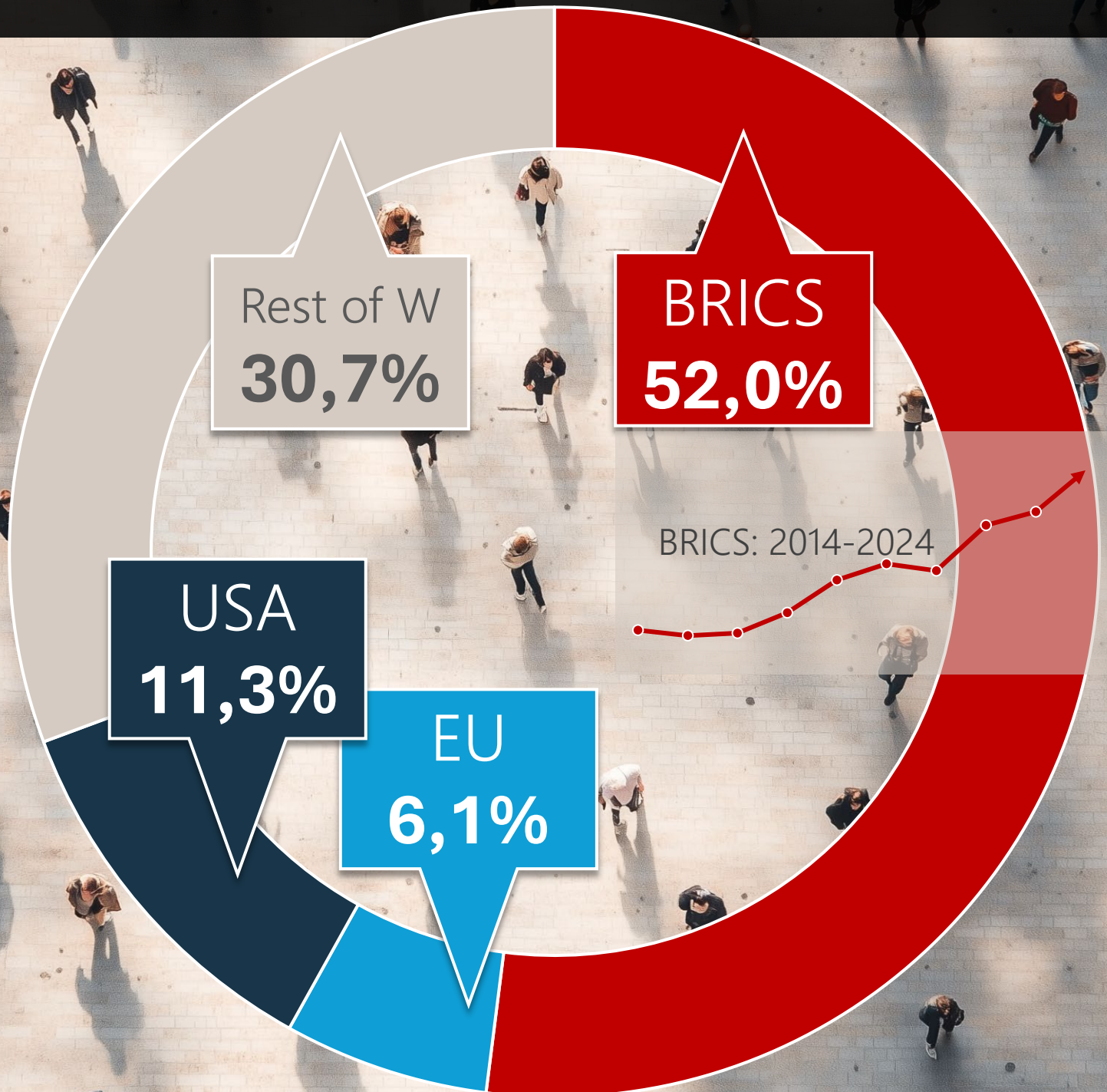
GDP (2023, current US\$) comparison



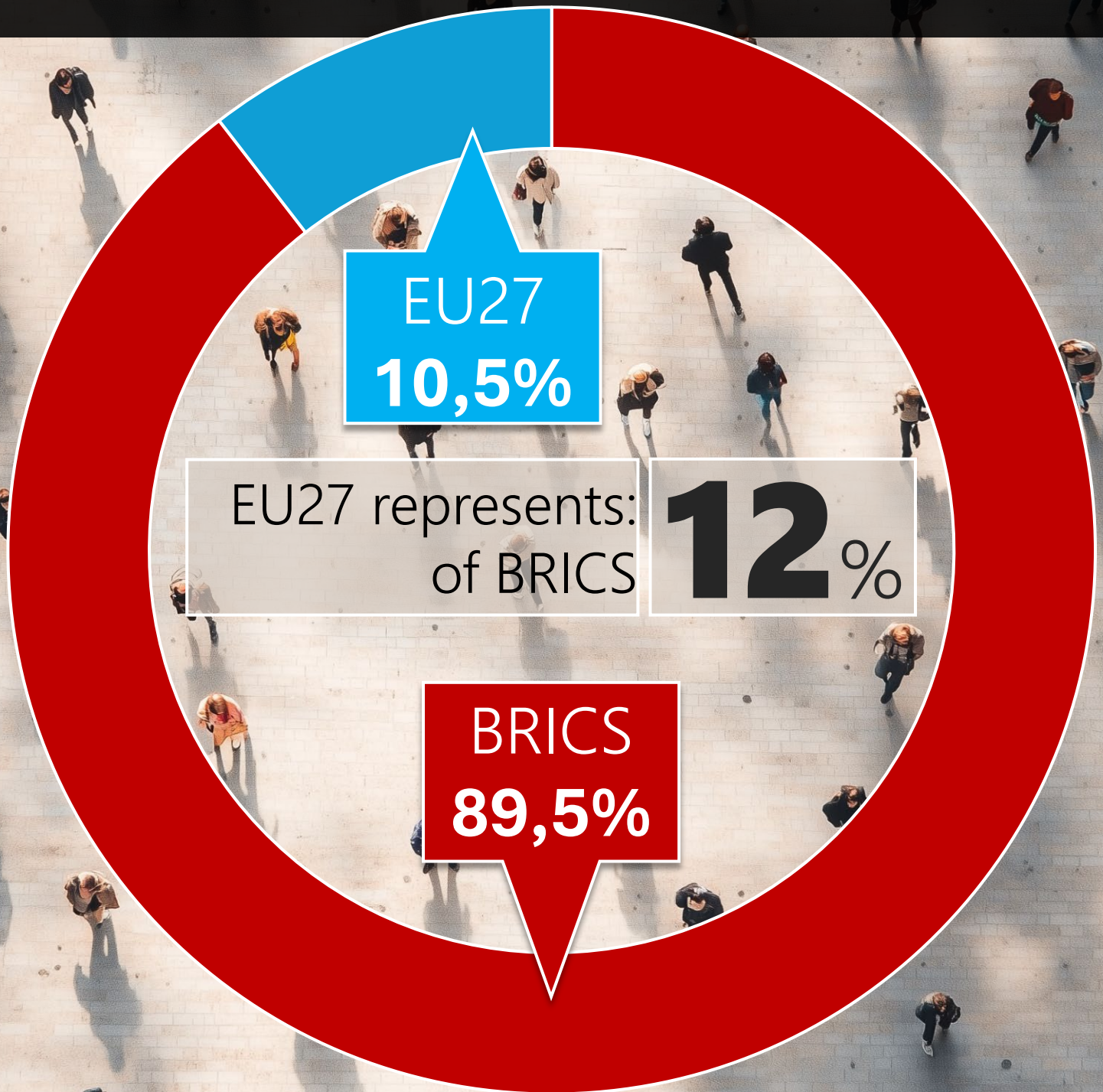
GDP (2023, current US\$) comparison



GHG emissions (2023) breakdown

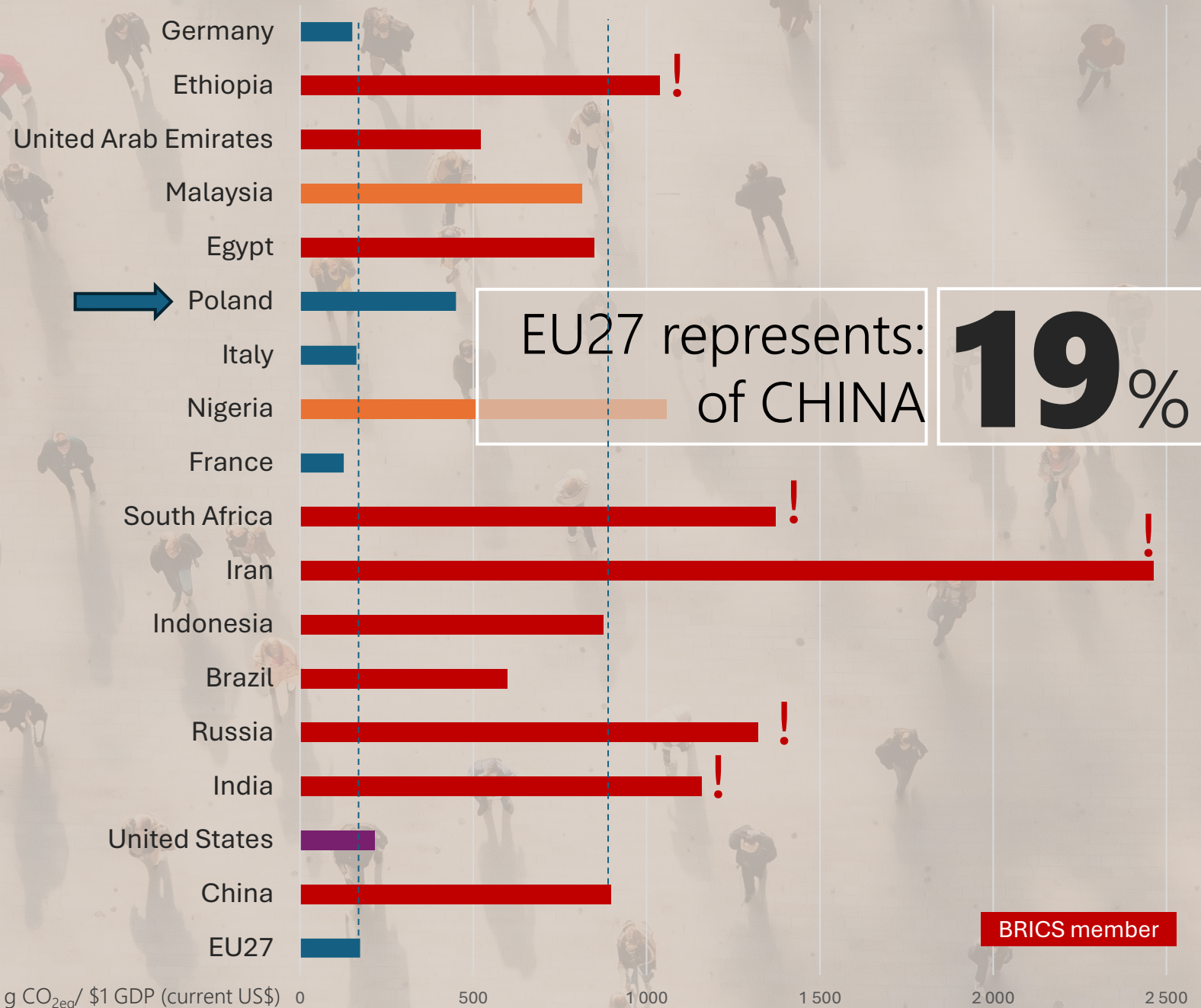


GHG emissions (2023) comparison

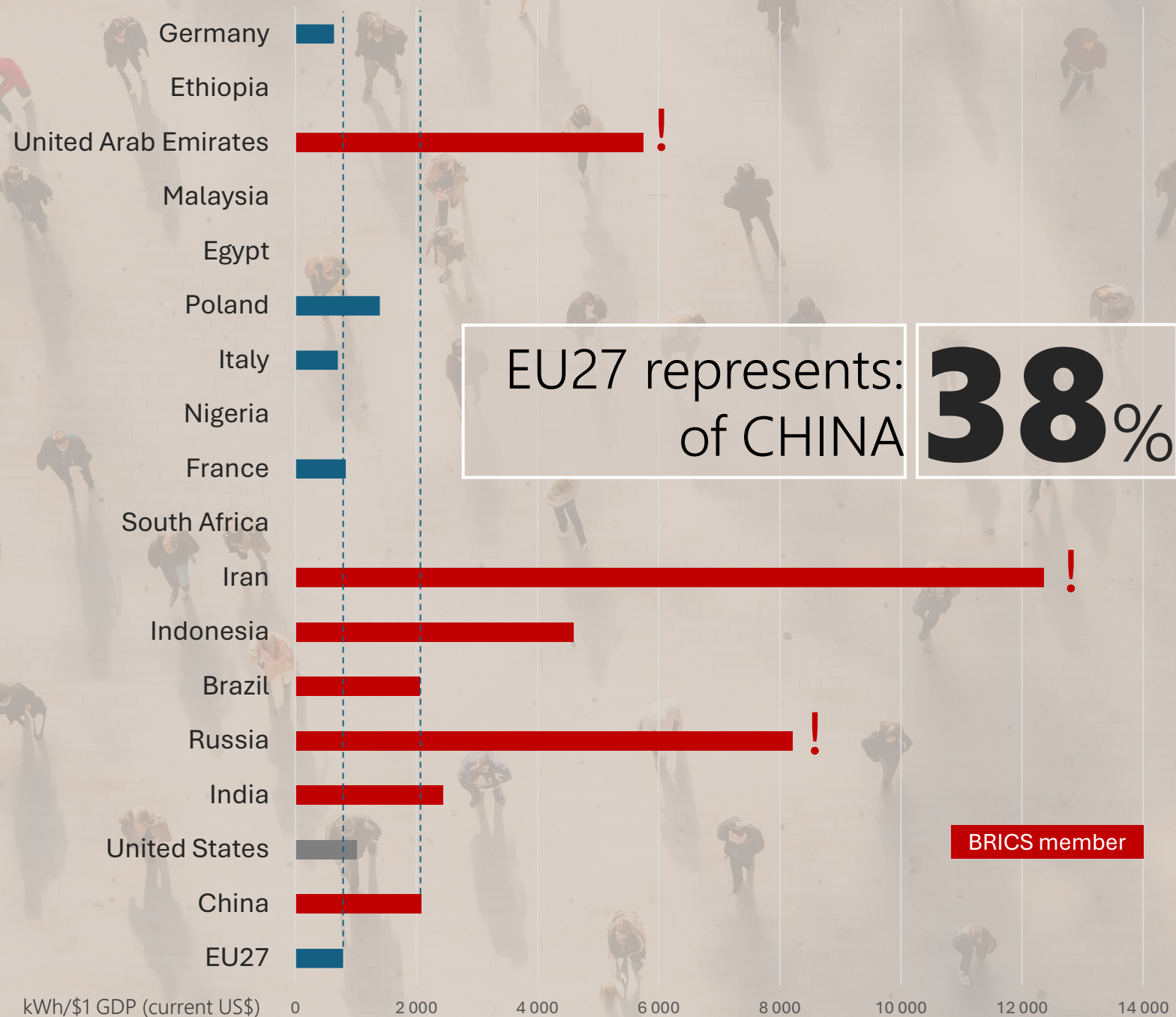


GDP Emission Intensity (2023)

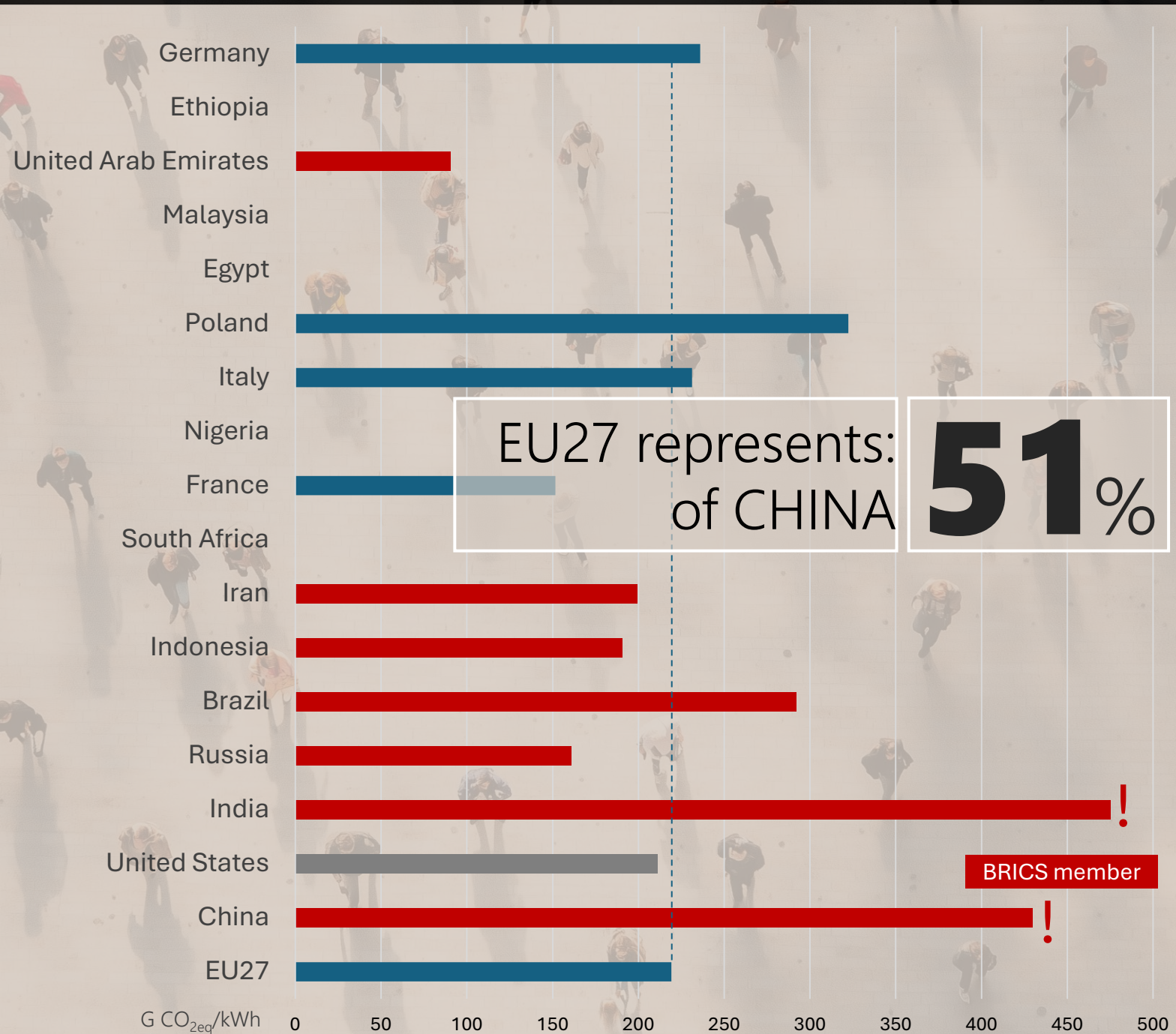
comparison (more is worse)



GDP Primary Energy Production Intensity (2023) comparison (more is worse)



Primary Energy Production Intensity (2023) comparison (more is worse)



What about transport emissions?



TRANSPORT

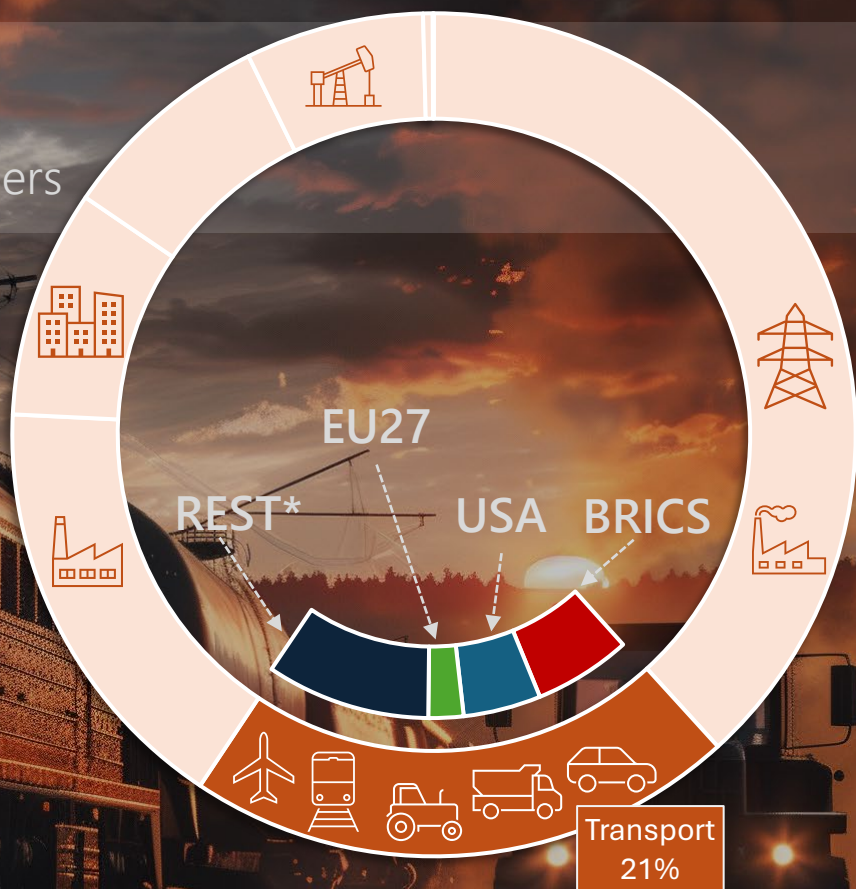
Incl. Int. Shipping and Aviation

UNFCCC 1.A.3:

Road transport, Civil Aviation,
Water-borne navy, Railways, Others

Share from Total Global CO₂
Emissions (2023)

Note:
REST = Rest of Countries

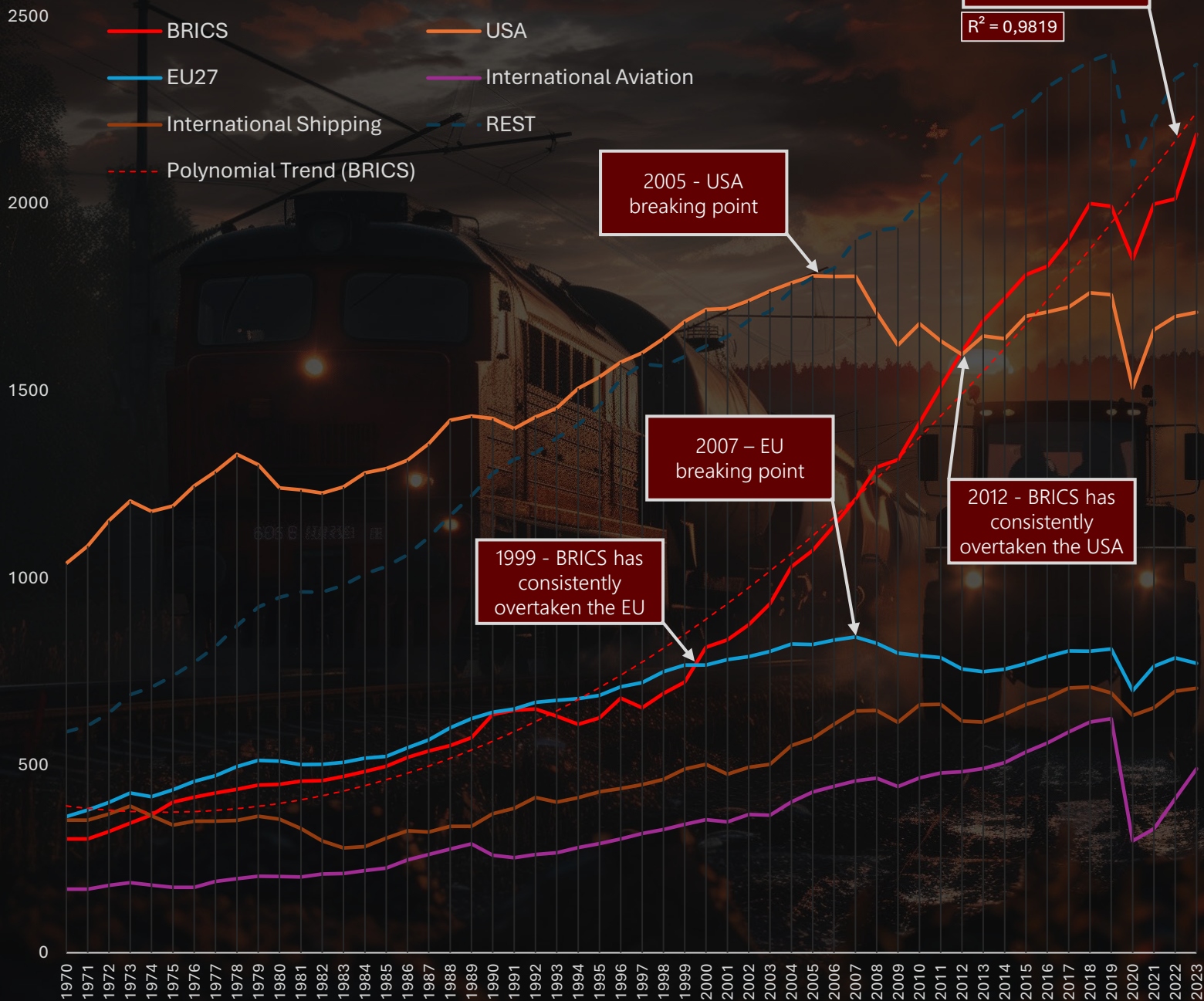


2014-23 trend (CO₂ emissions):



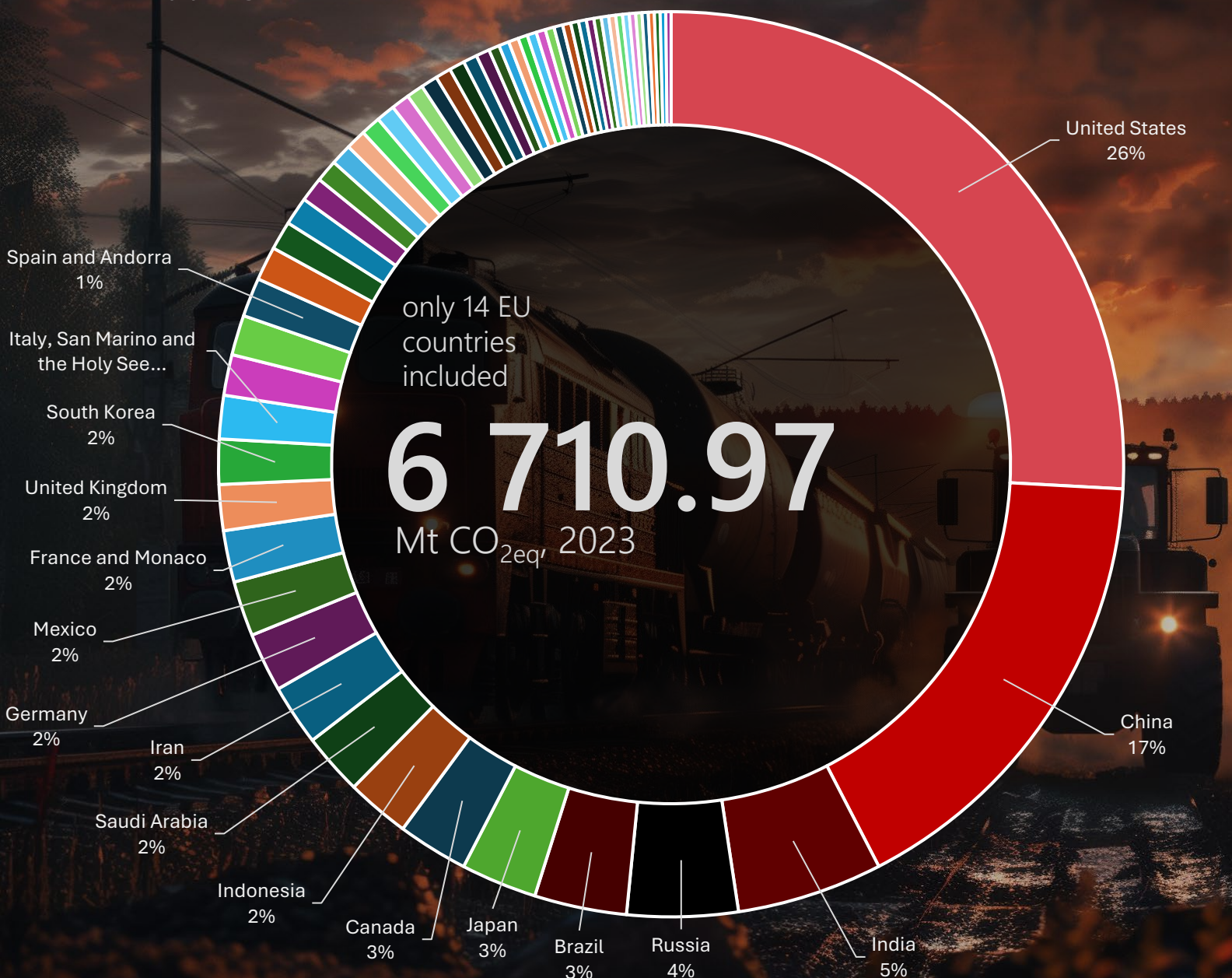
TRANSPORT – emissions from 1970

EMISSIONS (Mt CO₂)



TRANSPORT Pareto group

80% of Total Transport Emissions by countries. International Aviation and Shipping excl.



USA is World leader and leader of the Pareto group as well
BRICS is the leading group within the Pareto group
The Pareto group contains 14 EU countries only.



If this world wants to reduce emissions, we should start using more **data than feelings.**



This will allow us to create **meaningful measures** and not the shooting in the dark that we are currently witnessing.



Climate change needs nothing at all

WE need to **THINK**

TO ADAPT

adapt to changes
which are already here and coming and will come.
And at the same time **sensibly** reduce emissions



We understand both
research and business.

That is why we succeed
in being a
Trusted
advisor.



ADAPTATION

REASONABLE

through 360°

The infographic features a central text block surrounded by twelve circular icons. The icons include: a megaphone, a brain, a green tree, a watermelon slice with seeds, a tree growing from a watermelon slice, a building, a tree growing from a building, a brain, a brain with a magnifying glass, a tree, a tree with a magnifying glass, and a map of Europe with stars.

REASONABLE through 360°

international
Climate Adaptation Research Institute

iCARI.eu



Research Climate adaptation Application to practice without Greenwashing