

ΕΝΕΡΓΕΙΑΚΗ ΑΠΕΞΑΡΤΗΣΗ ΚΑΙ ΑΠΕ: Η ΕΠΟΜΕΝΗ ΜΕΡΑ

1ο Στρογγυλό Τραπέζι: Ενέργεια – Το Τώρα και το Αύριο

Προοπτική διερεύνηση
(foresight – la prospective)

8^η Ιουνίου 2022

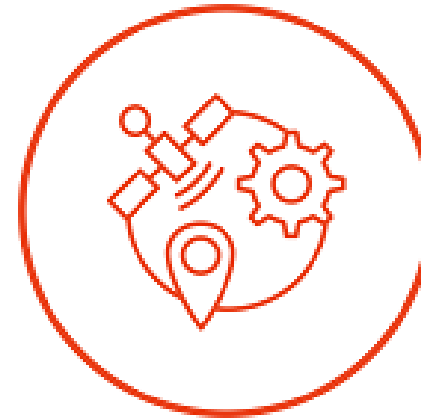
ΣΤΑΔΙΟ ΕΙΡΗΝΗΣ ΚΑΙ ΦΙΛΙΑΣ

Δρ Λάμπρος Απ. Πυργιώτης

Climate change
and other
environmental
challenges



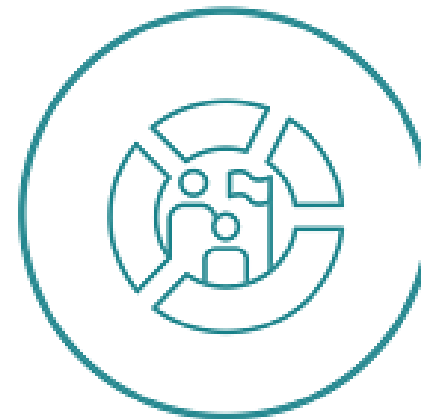
Digital
hyperconnectivity
and technological
transformations



Pressure on
democratic
models of
governance
and values



Shifts in the
global order
and
demography



Climate change and other environmental challenges

Digital hyperconnectivity and technological transformations

Pressure on democratic models of governance and values

The EU is the largest group of democracies in the world, but democratic governance is declining globally.

2020 was the 15th consecutive year of a decline in political rights and civil liberties at a global level.

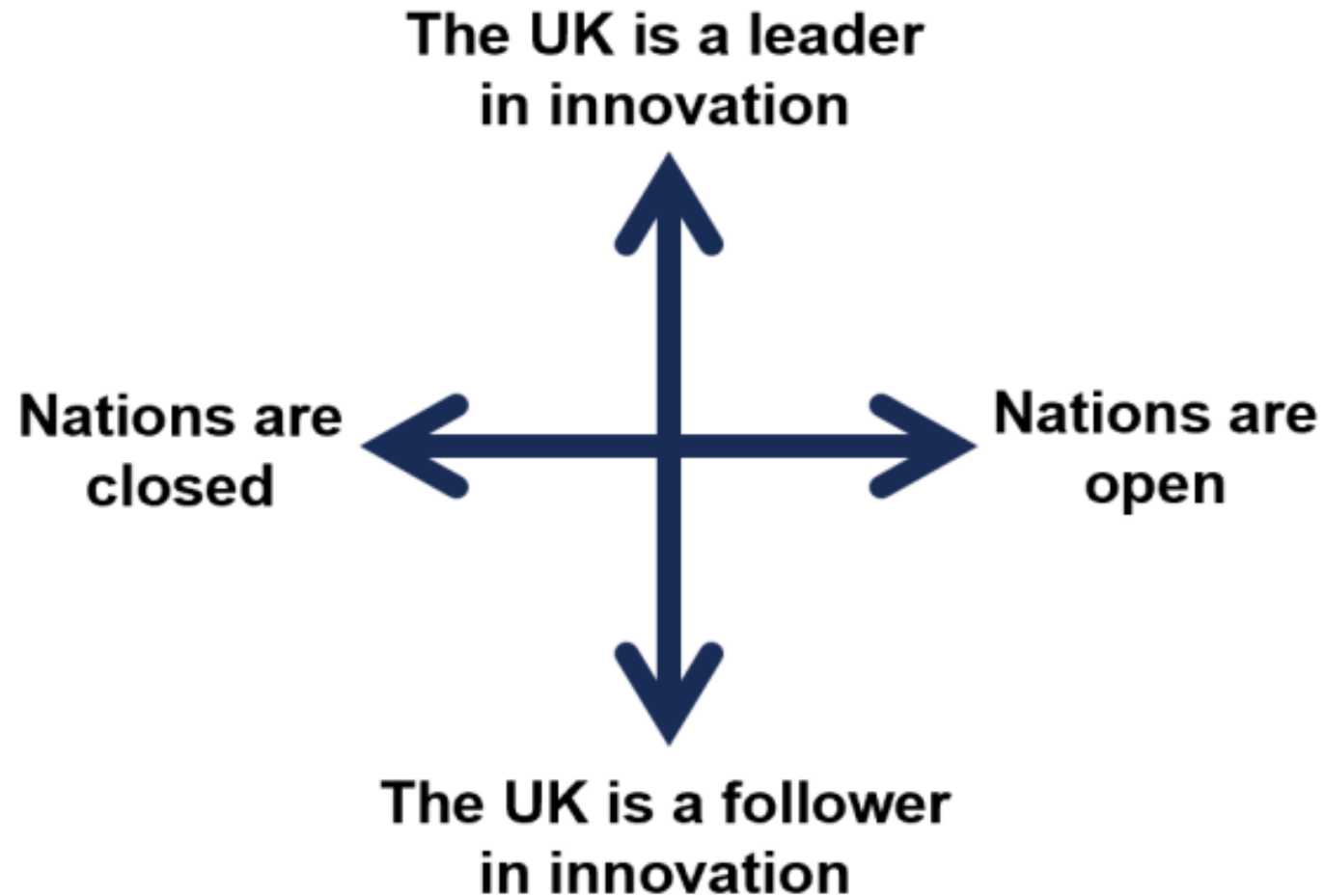
European Commission,
Strategic Foresight
Report, 2021.

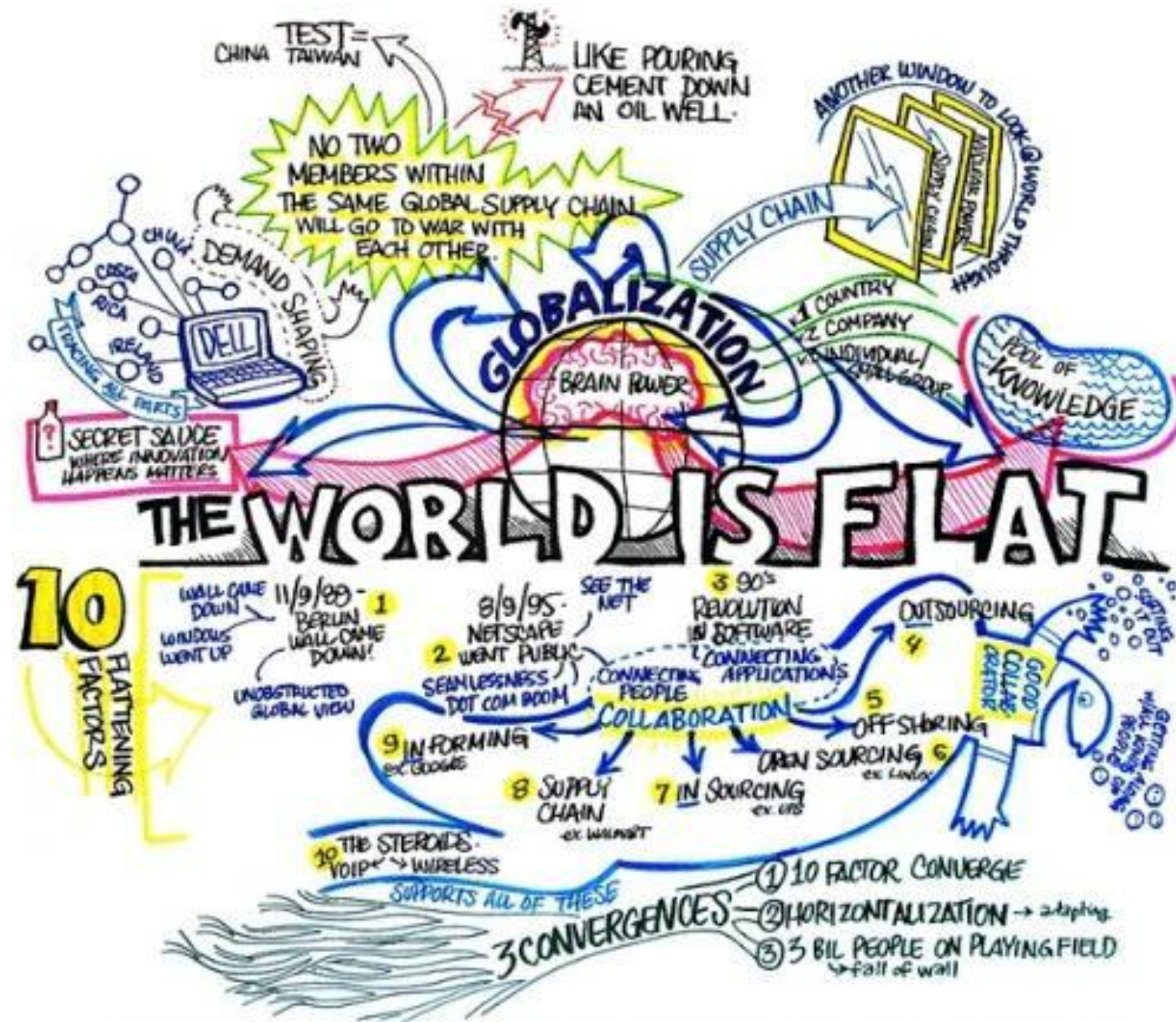
Shifts in the global order and demography

Global rivalry and fragility are likely to increase.

The EU can expect continued tensions and adverse competition (including from China and Russia), requiring robust policies to project stability and prosperity, particularly in its neighbourhood. The EU must insist that the Russian leadership demonstrate a more constructive engagement and stop actions against the EU and its Member States and partner third countries.

A scenario matrix created from two key axes of uncertainty

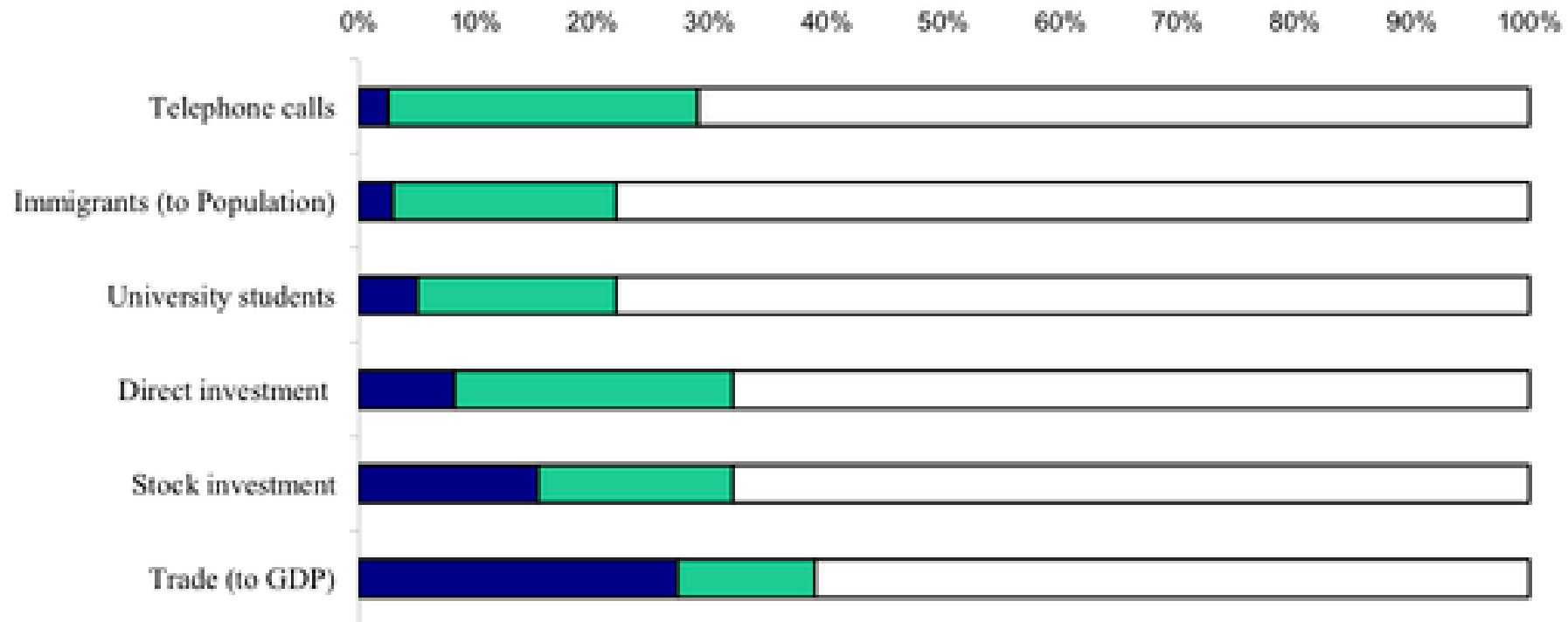




“Supply chains cannot tolerate even 24 hours of disruption.

So if you lose your place in the supply chain because of wild behavior you could lose a lot.”

Globalization: Reality versus Perceptions

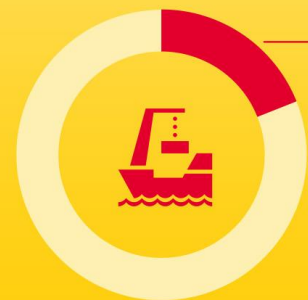


Globalization in the World We Live in Now: World 3.0, Pankaj Ghemawat, HBR, 2011.

DHL GLOBAL CONNECTEDNESS INDEX 2021 UPDATE

THE WORLD IS FAR LESS GLOBALIZED THAN MANY PEOPLE THINK

Most flows are domestic rather than international.



Global GDP

19%
Exports of goods
and services
(value added)



Telephone calls

7%
International
calls



Global fixed investment

5%
Foreign Direct
Investment flows



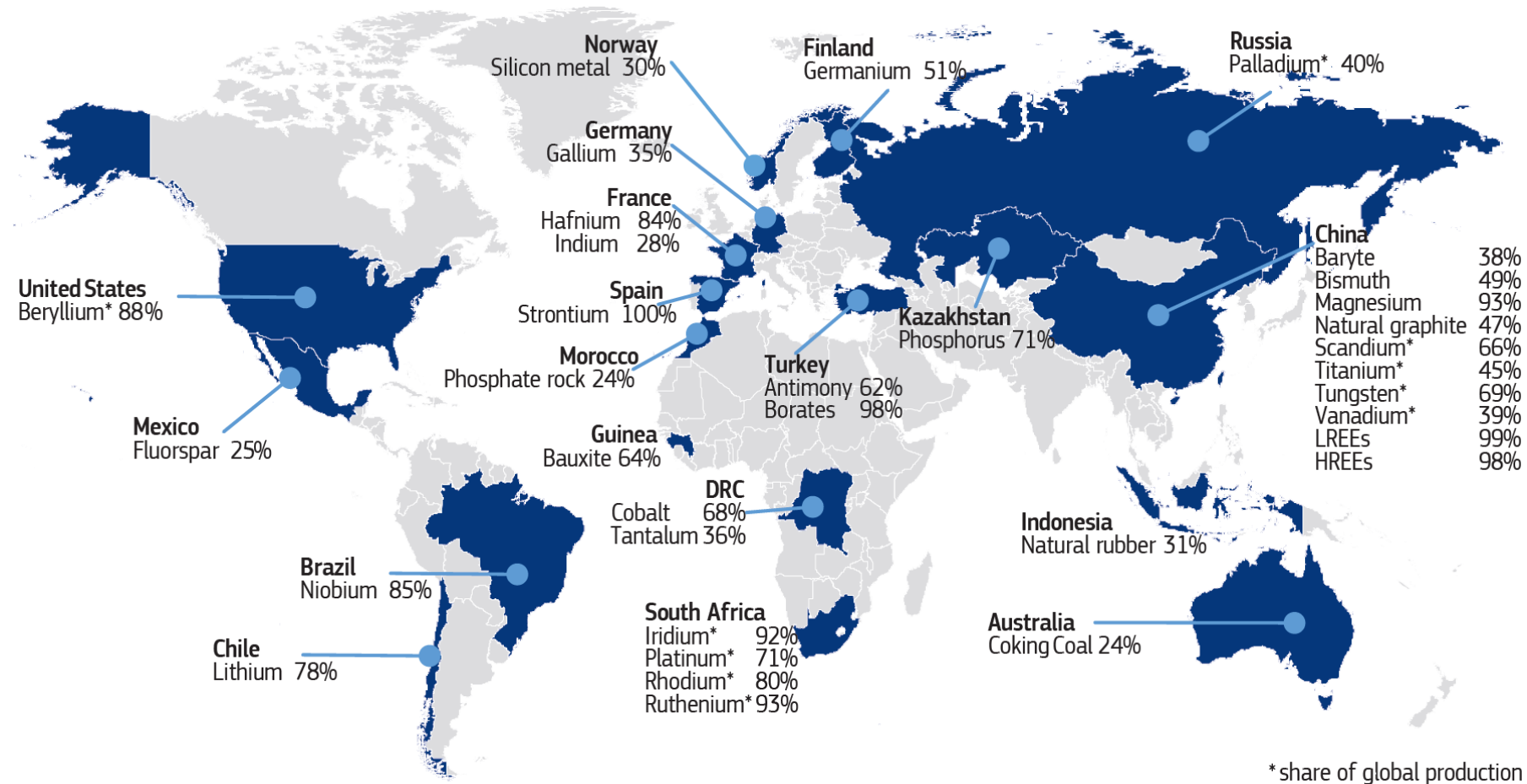
World population

4%
Migrants

#DHLGCI

For more information visit: dhl.com/gci





Global suppliers of EU critical raw materials

European Commission, Study on the EU's list of critical raw materials, 2020.

European Commission, EIP on Raw Materials, 3rd Raw Materials Scoreboard, 2021.

European Commission, Strategic Foresight Report, 2021.

Dealing with raw material shortages:

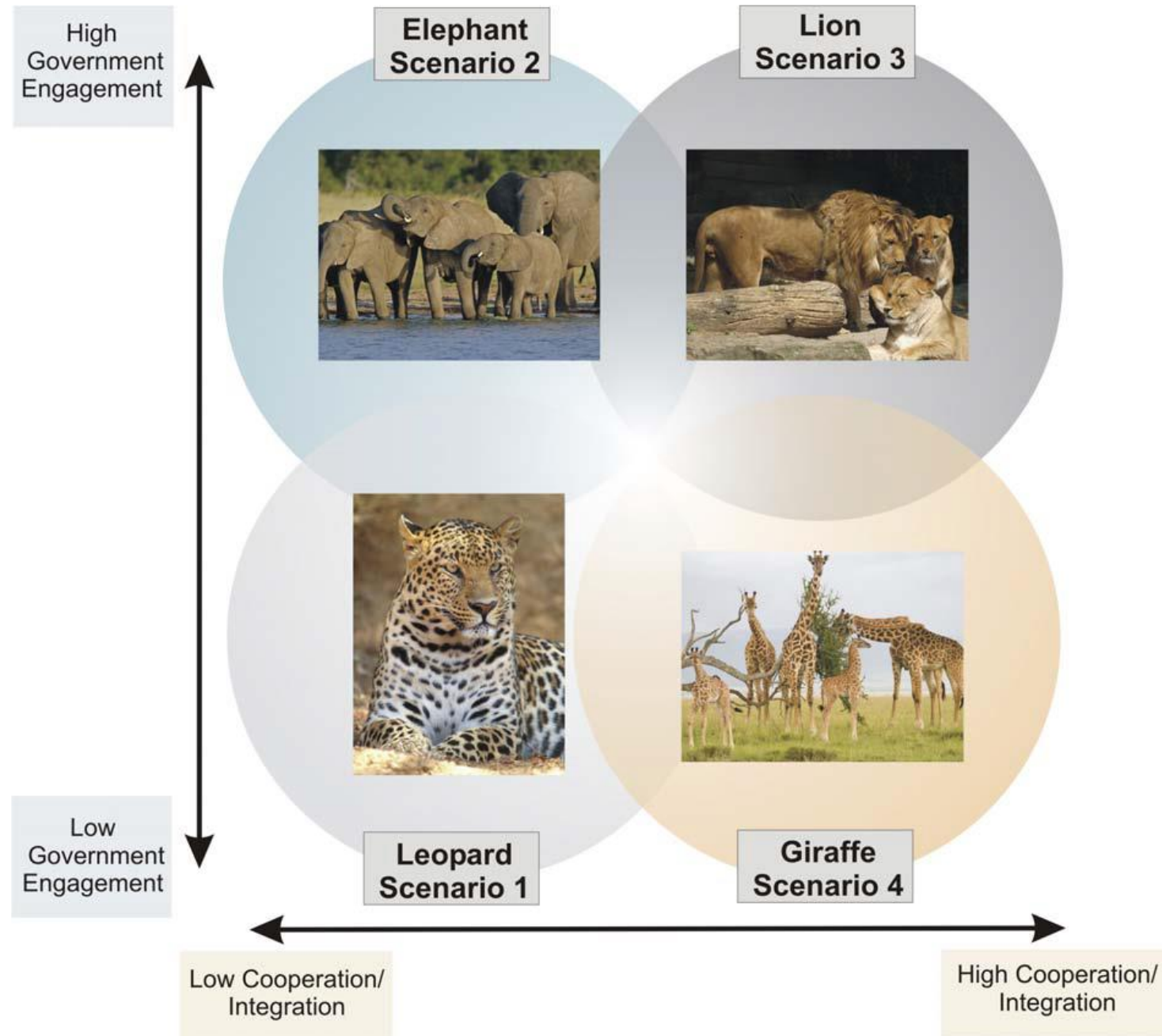
- Export restrictions are being implemented by global actors (e.g., Russia and Ukraine), with detrimental impacts on the competitiveness of the EU industry and without any visible justification that would be sanctioned under applicable trade rules.
- Others such as China have put national measures in place that constrain domestic production of wood.
 - The latest Eurostat figures suggest an increase in exports of raw wood from EU27 to China.

European Commission, Staff Working Document Ares(2021) 7679109f final/14.12 2021, Scenarios for a transition pathway for a resilient, greener and more digital construction ecosystem.

Securing and diversifying supply of critical raw materials:

- The increase in demand for critical raw materials is expected to coincide with an upturn in the major suppliers' readiness to impose export restrictions.

European Commission, Strategic Foresight Report, 2021.



«Αἰὼν παῖς ἐστὶ παίζων, πεσσεύων
παιδὸς ἢ βασιληΐη.»

ΗΡΑΚΛΕΙΤΟΣ
(απόσπασμα 52)