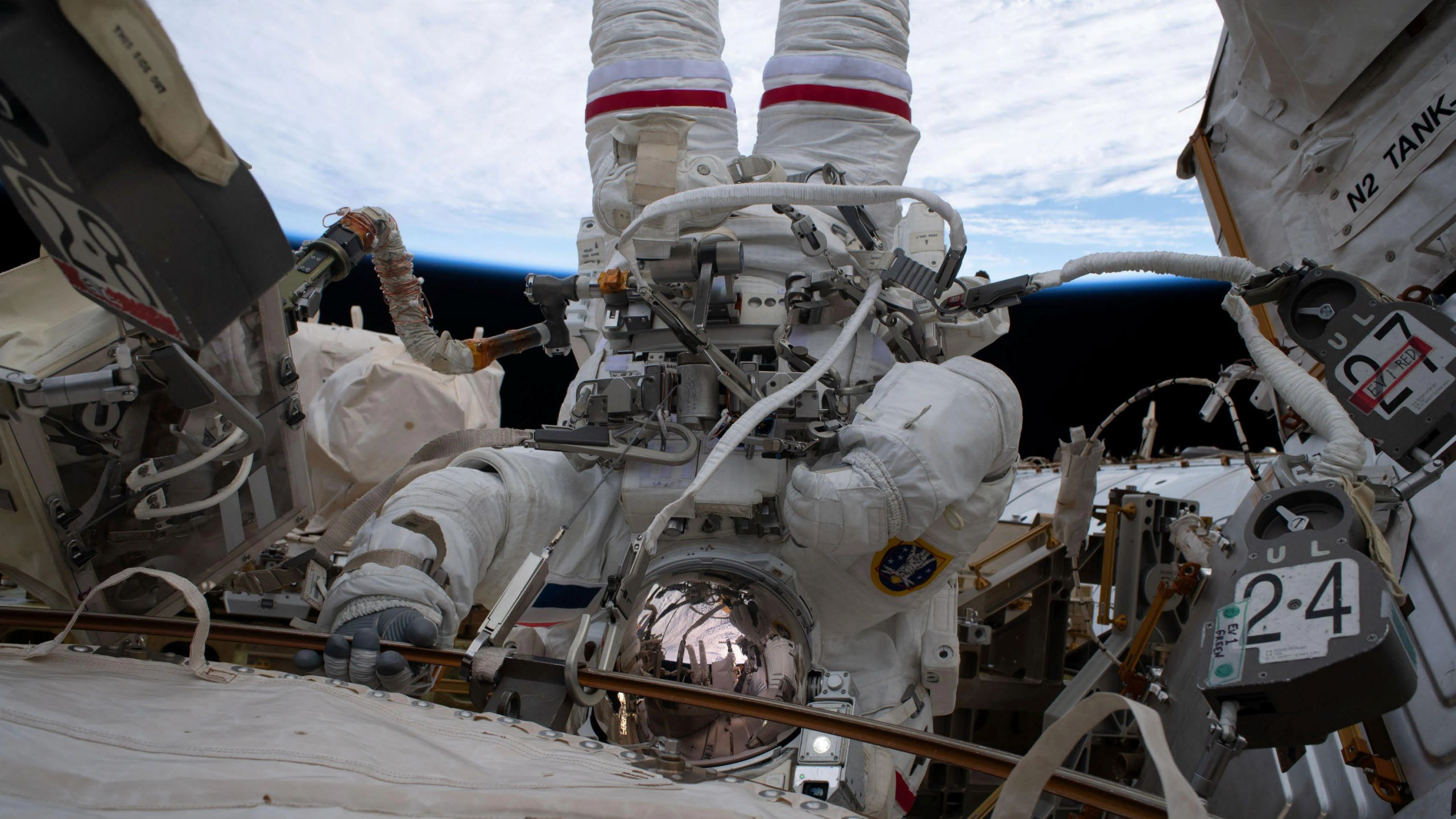
FONDAZIONE PER LO SVILUPPO SOSTENIBILE
Sustainable Development Foundation

Set the scene: a global view on green economy



Raimondo Orsini · Director, Sustainable Development Foundation


N2 TANK
EV 1 RED
EV 1 GREEN
24


esa
SPACEX


Green
economy

Decarbonization

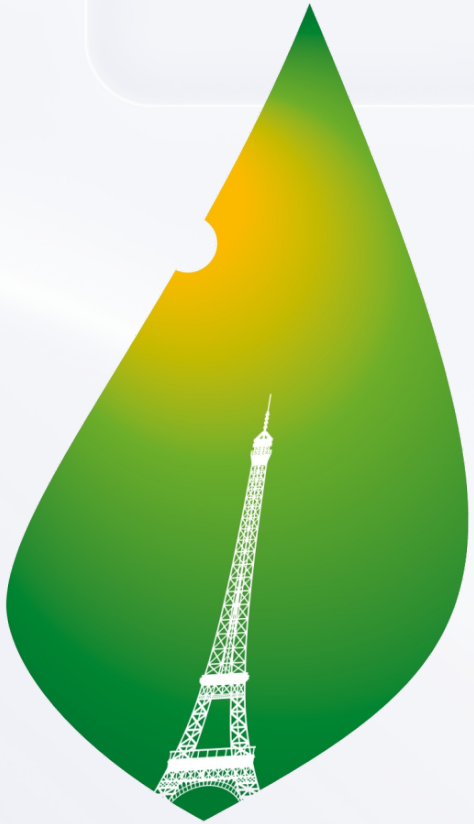


Circularity



Nature positive





COP21 · CMP11

PARIS 2015

UN CLIMATE CHANGE CONFERENCE



2020 UN BIODIVERSITY CONFERENCE

COP 15 - CP/MOP10 - NP/MOP4

Ecological Civilization-Building a Shared Future for All Life on Earth

KUNMING – MONTREAL


Geopolitical
tension


Wars


Poverty



Social inequalities

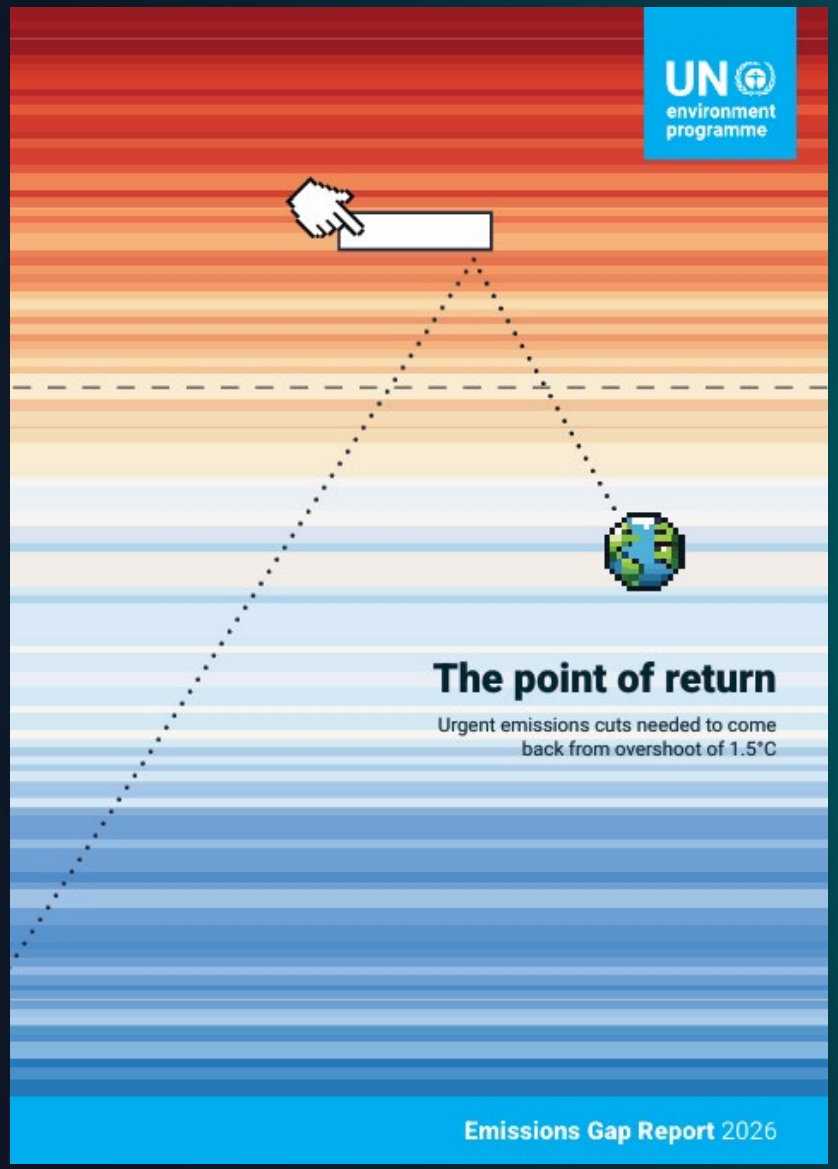

Shall we give up?

8 positive drivers for green economy in uncertain global scenario

- Growing perception of the severity of the ongoing climate crisis;
- Evidence of the socio-economic impacts of ecosystem-services crisis;
- Supply constraints and rising prices of raw materials;
- Need of reduced dependence on oil and gas imports: energy security;
- Acceleration of renewable energy sources;
- Acceleration of the transition to electric cars;
- Business leaders and investors' support for the ecological transition;
- Potential offered by artificial intelligence.

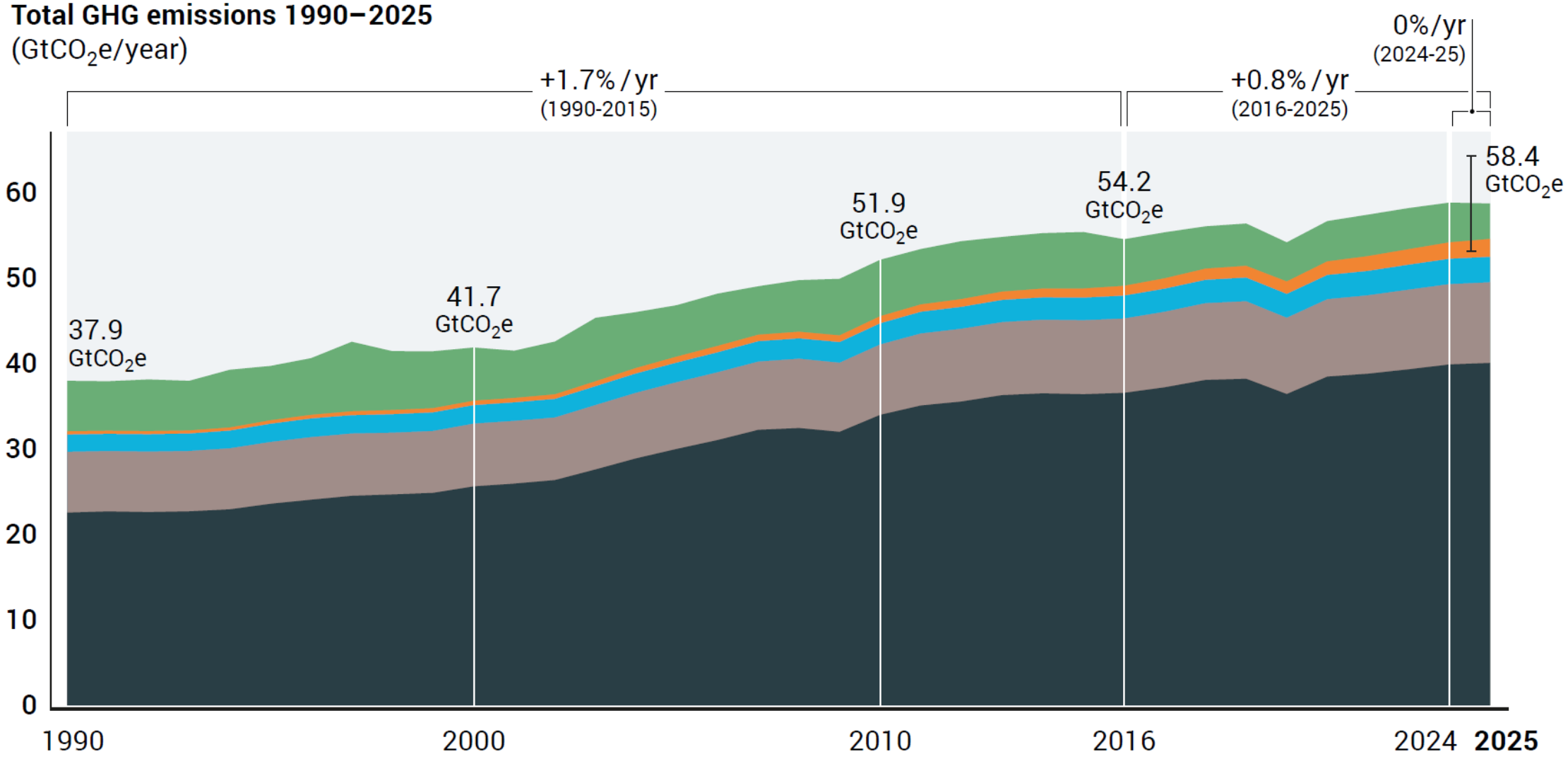


GOOD NEWS



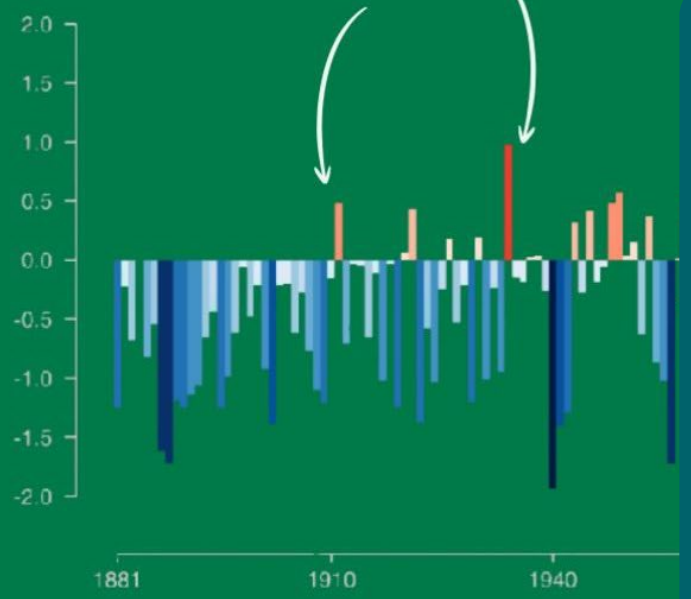
Global GHG emissions in 2025 were similar to 2024 levels: no increase!

Growth in global emissions over the past decade of 0.8 per cent per year, and of 1.7 per cent per year for the period between 1990 and 2016.


Total GHG emissions 1990–2025
(GtCO2e/year)
+1.7% / yr
(1990-2015)
+0.8% / yr
(2016-2025)
0%/yr
(2024-25)
37.9
GtCO2e
41.7
GtCO2e
51.9
GtCO2e
54.2
GtCO2e
58.4
GtCO2e
60
50
40
30
20
10
0
1990
2000
2010
2016
2024
2025

Those were
"hot summers"

and THIS is the
climate crisis



Source: Show your Stripes showyourstripes.info

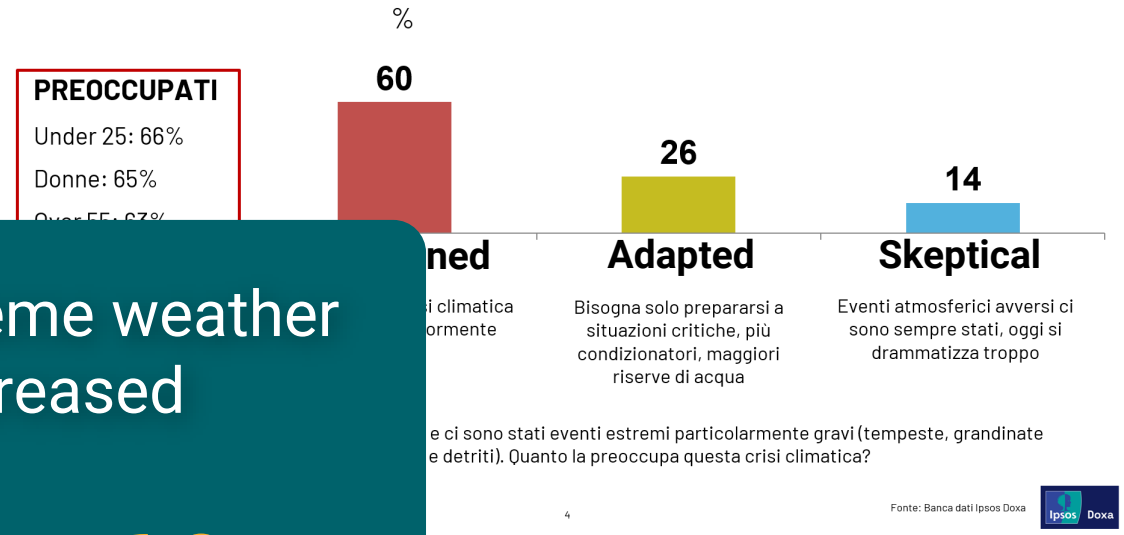
The number of extreme weather events has increased

61%

All
US vote

46%

Italians are concerned about the climate



FINANCIAL TIMES

US COMPANIES TECH MARKETS CLIMATE OPINION LEX WORK & CAREERS LIFE & ARTS HOW TO SPEND IT STOCKS GAME

Opinion **Markets Insight**

It's time to give individual shareholders direct votes on climate change

As corporates and fund managers retreat on green commitments, we must use technology to give savers and investors a say on policies affecting the planet

JOHN FLINT + Add to myFT

Business leaders confirm commitments



Key statistics

92% of business leaders expect sustainability to be a source of competitive advantage over the next 5–10 years

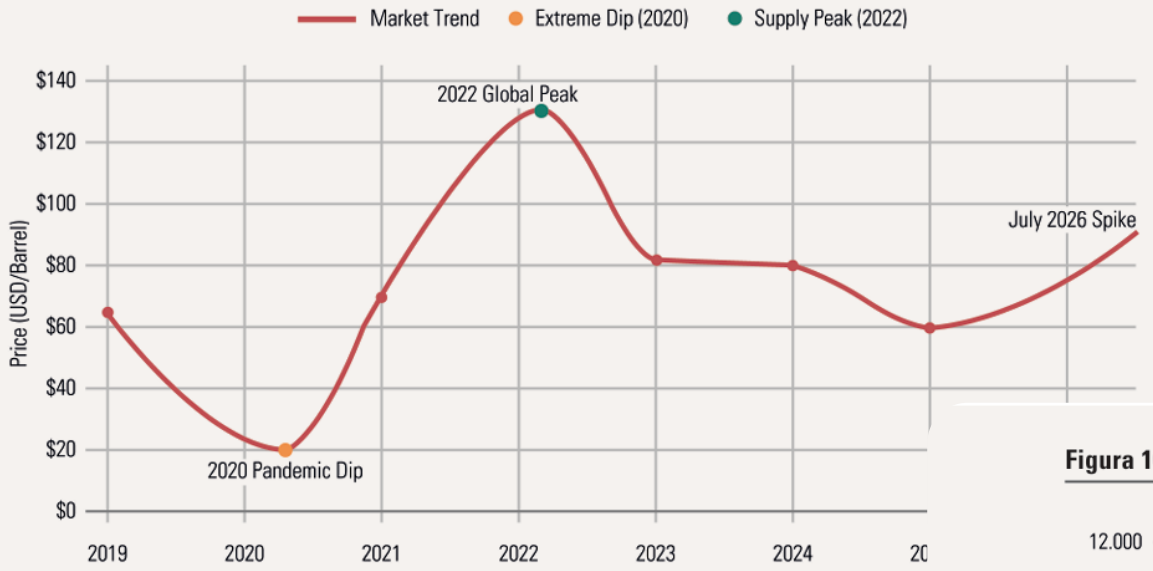
89% of leaders say their businesses have maintained or increased investments in the net-zero transition vs 12 months ago

68% of leaders now see a disorderly global transition as more likely than 12 months ago

85% of leaders favor predictable policy strengthening over delay

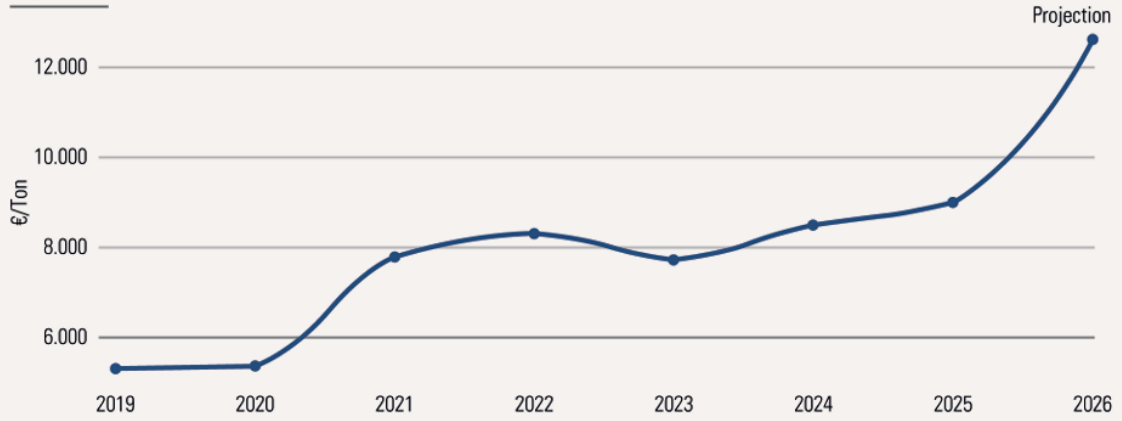
Growing cost of fuels and minerals

Figura 5 Prezzi medi del petrolio greggio dal 2019 al 2026 (USD/barile)



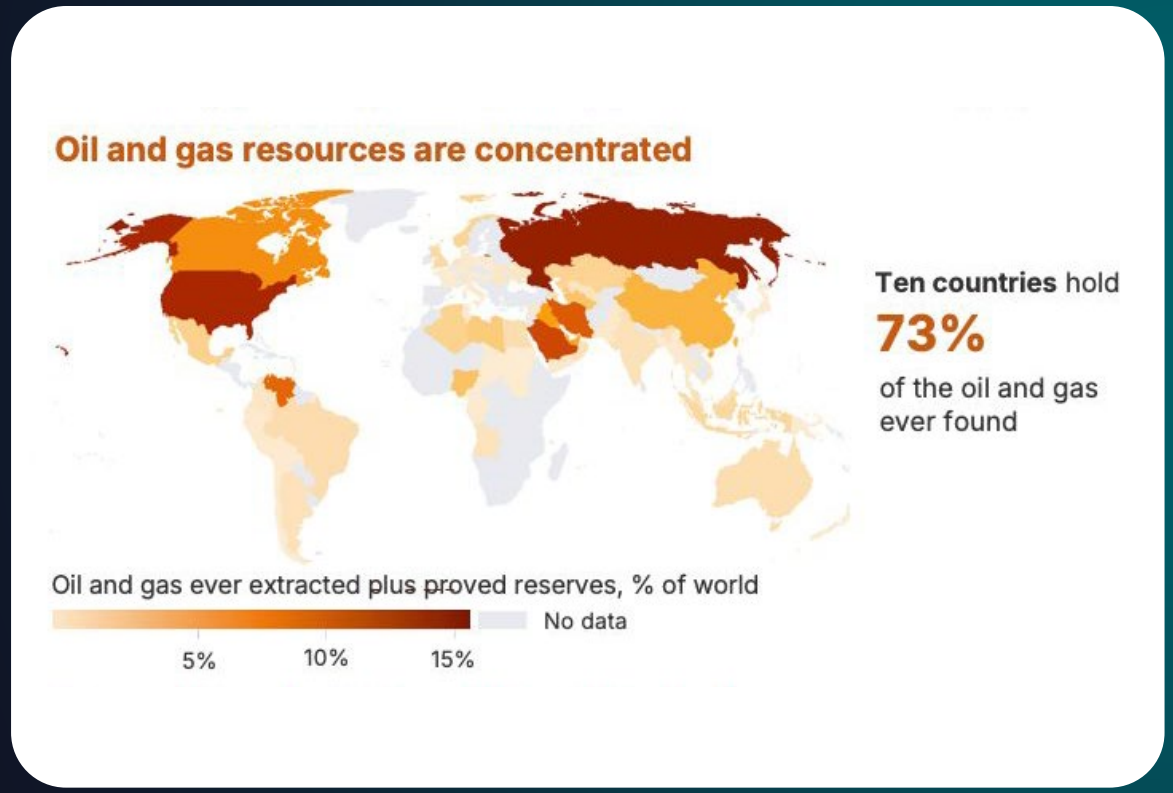
Fonte: elaborazione Fondazione per lo sviluppo sostenibile su dati Energy Information Administration (EIA)[14]

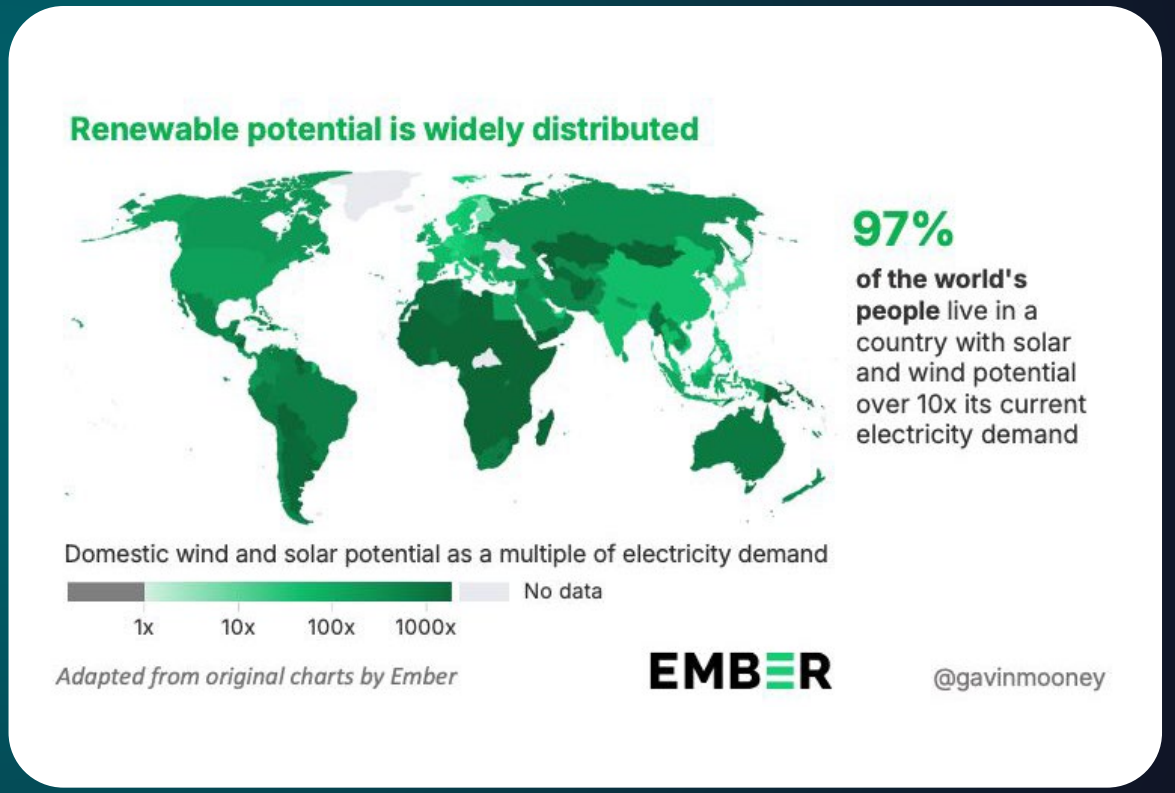
Figura 10 Prezzo medio annuo del rame a livello mondiale, 2019-2026 (EUR/tonnellata)[

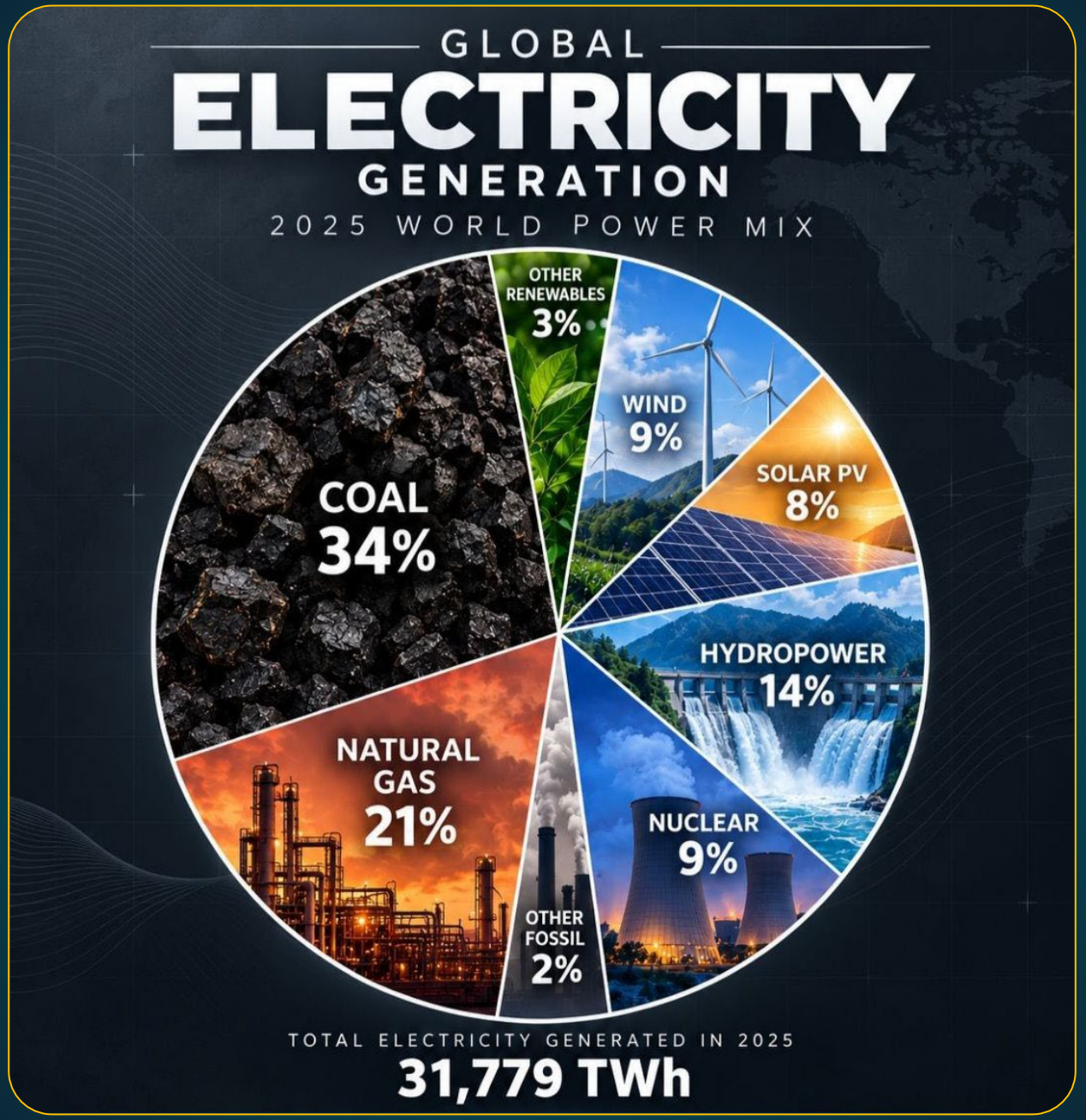


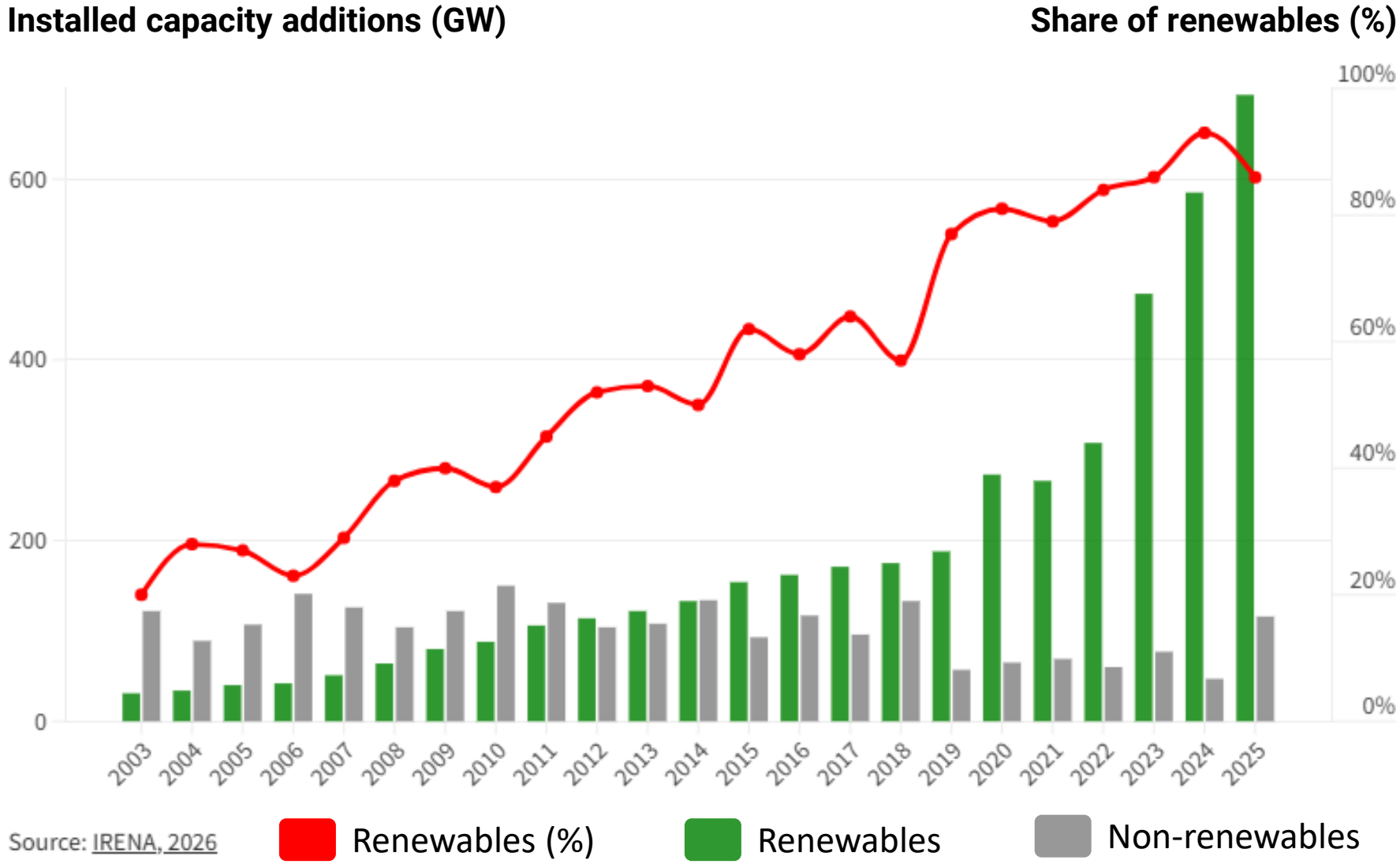
Fonte: elaborazione Fondazione per lo sviluppo sostenibile su dati London Metal Exchange (LME) per il Rame Grado A (contratti spot e cash-settlement), convertite in euro per tonnellata metrica

Renewables are changing the geography of energy






GLOBAL
ELECTRICITY
GENERATION
2025 WORLD POWER MIX
COAL
34%
OTHER
RENEWABLES
3%
WIND
9%
SOLAR PV
8%
HYDROPOWER
14%
NUCLEAR
9%
OTHER
FOSSIL
2%
NATURAL
GAS
21%
TOTAL ELECTRICITY GENERATED IN 2025
31,779 TWh


Installed capacity additions (GW)
Share of renewables (%)
600
400
200
0
100%
80%
60%
40%
20%
0%
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
Source: IRENA, 2026
Renewables (%)
Renewables
Non-renewables

Electric cars acceleration

Rapidly growing World market share

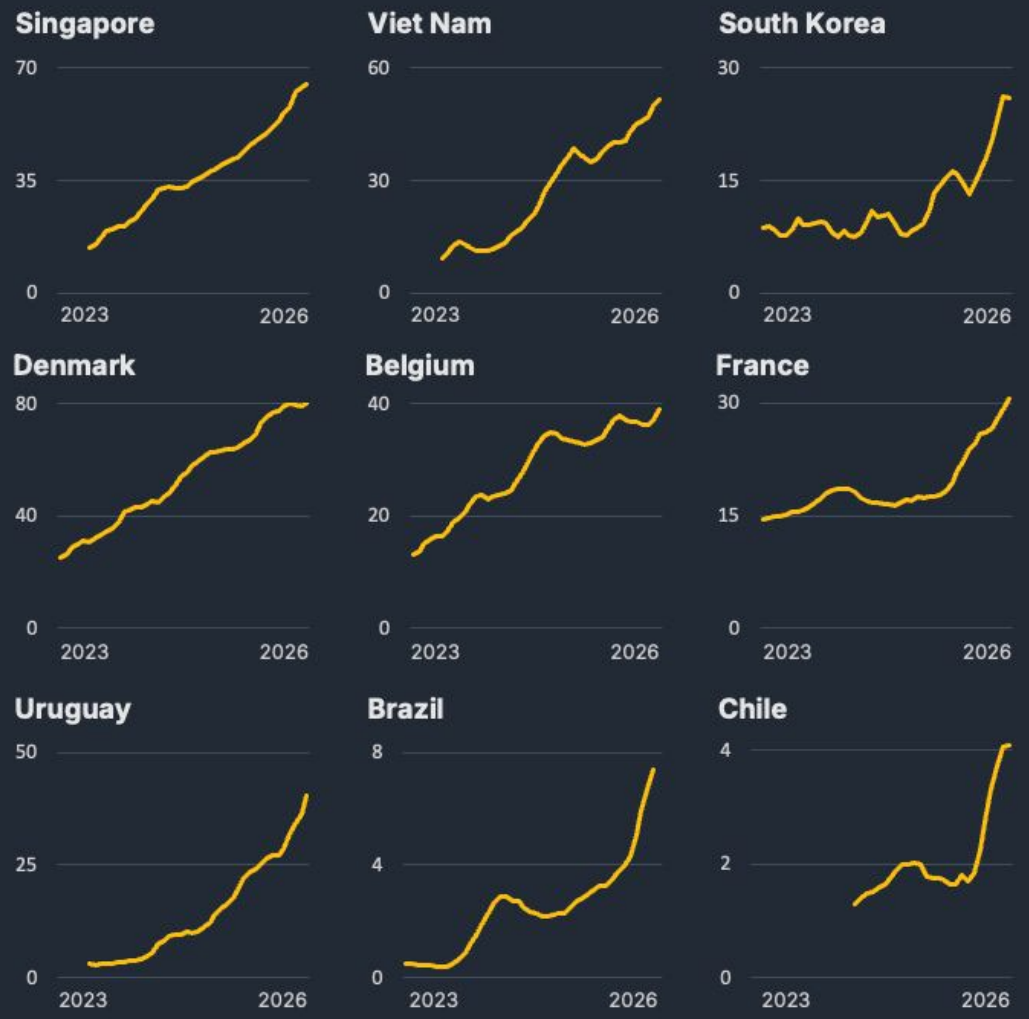
5% → **25%** (21.2 million)

(2020–2025)



EV adoption is spreading across the world

Share of new cars that are fully electric, 2023-2026



Source: Ember Monthly EV Sales Data Tracker. 6-month rolling BEV share of new passenger car sales, Jan 2023-Aud 2026. Selected markets.

@gavinmooney

A new relation with nature and food

Organic farming market

+35 billion euros



EROC

European Regenerative Organic Center

European Regenerative Organic Center – the first international Regenerative Organic Research and Education Center in Parma.
In July 2021 the **Davines Group**, in partnership with the **Rodale Institute**, founded EROC – European Regenerative Organic Center – a research and training hub in a 17-hectare site in front of Davines Group Village, Parma.
The center consists of **188** research plots where 22 different plant species are grown in rotation, among which wheat, maize, yarrow, marigold, lemon balm, camomile. The main objective of this partnership is to carry out cutting-edge **research**, **training** and **extension activities** to demonstrate the many beneficial effects of regenerative organic agriculture for various sectors.





