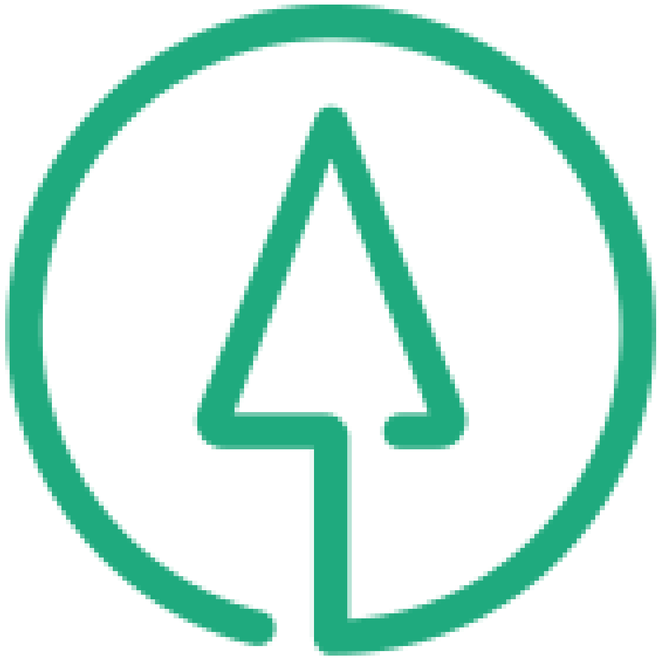
Can’t see the forestry for the trees

Ross Hampton – ISFC Executive Director – December 2024



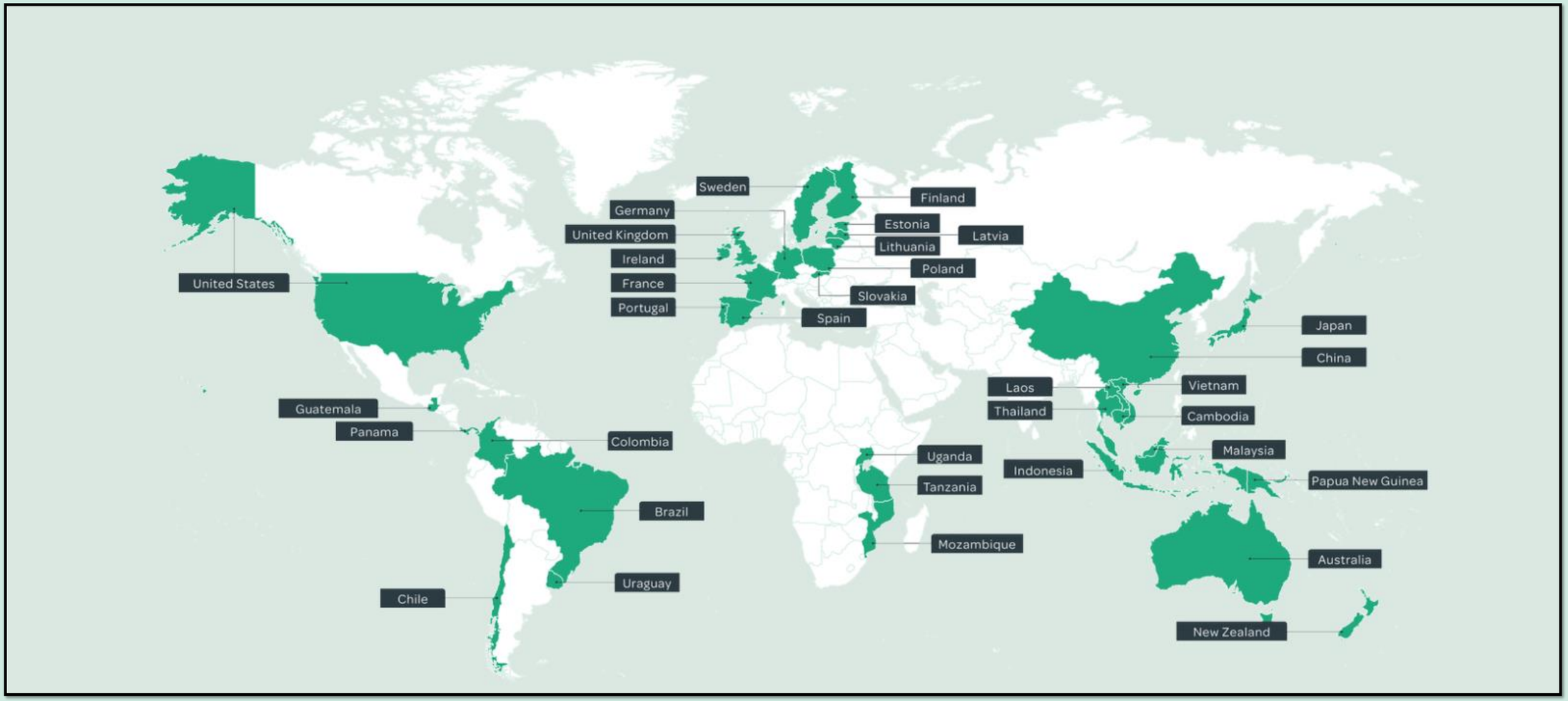
ISFC

International Sustainable Forestry Coalition

Building a nature positive bioeconomy

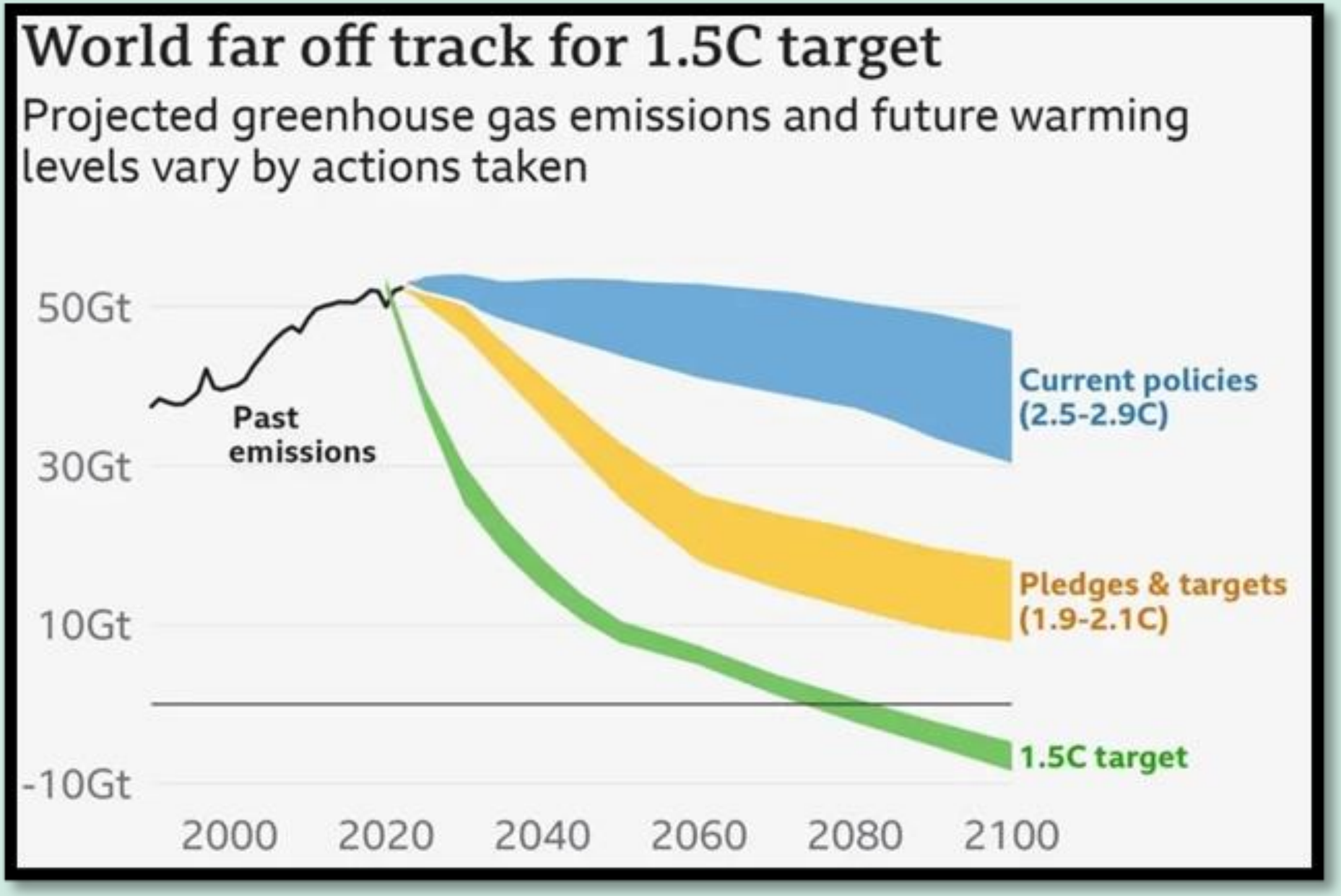
Fifteen companies stewarding 16.5 million hectares of forests

…in 35 countries…



If the biggest, most urgent mission is creating a climate positive, nature positive, circular bio-economy to save the planet…

…why does it appear
so many can’t see the forestry for the trees?



Source: Climate Action Tracker

EXECUTIVE SUMMARY

During the last decade of the 20th century, deforestation in the tropics and forest regrowth in the temperate zone and parts of the boreal zone remained the major factors responsible for emissions and removals, respectively. However, the extent to which the carbon loss due to tropical deforestation is offset by expanding forest areas and accumulating woody biomass in the boreal and temperate zones is an area of disagreement between land observations and estimates by top-down models. Emissions from deforestation in the 1990s are estimated at 5.8 $GtCO_2$/yr (*medium agreement, medium evidence*).

Bottom-up regional studies show that forestry mitigation options have the economic potential at costs up to 100 US$/$tCO_2$-eq to contribute 1.3-4.2 $GtCO_2$-eq/yr (average 2.7 $GtCO_2$-eq/yr) in 2030. About 50% can be achieved at a cost under 20 US$/$tCO_2$-eq (around 1.6 $GtCO_2$/yr) with large differences between regions. Global top-down models predict far higher mitigation potentials of 13.8 $GtCO_2$-eq/yr in 2030 at carbon prices less than or equal to 100 US$/$tCO_2$-eq. Regional studies tend to use more detailed data and a wider range of mitigation options are reviewed, Thus, these studies may more accurately reflect regional circumstances and constraints than simpler, more aggregate global models. However, regional studies vary in model structure, coverage, analytical approach, and assumptions (including baseline assumptions). In the sectoral comparison in Section 11.3, the more conservative estimate from regional studies is used. Further research is required to narrow the gap in the potential estimates from global and regional assessments (*medium agreement, medium evidence*).

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IPCC Fourth Assessment Report: Climate Change 2007

Climate Change 2007: Working Group III: Mitigation of Climate Change

In the long term, a sustainable forest management strategy aimed at maintaining or increasing forest carbon stocks, while producing an annual sustained yield of timber, fibre or energy from the forest, will generate the largest sustained mitigation benefit.

boreal
loss
ones is
90s are

contribute 1.3-4.2 $GtCO_2$-eq/yr (average 2.7 $GtCO_2$-eq/yr) in 2030. About 50% can be achieved at a cost under 20 US$/$tCO_2$-eq (around 1.6 $GtCO_2$/yr) with large differences between regions. Global top-down models predict far higher mitigation potentials of 13.8 $GtCO_2$-eq/yr in 2030 at carbon prices less than or equal to 100 US$/$tCO_2$-eq. Regional studies tend to use more detailed data and a wider range of mitigation options are reviewed, Thus, these studies may more accurately reflect regional circumstances and constraints than simpler, more aggregate global models. However, regional studies vary in model structure, coverage, analytical approach, and assumptions (including baseline assumptions). In the sectoral comparison in Section 11.3, the more conservative estimate from regional studies is used. Further research is required to narrow the gap in the potential estimates from global and regional assessments (*medium agreement, medium evidence*).

24 OCTOBER 2024 | REPORT

Emissions Gap Report 2024

Authors: UNEP

As climate impacts intensify globally, the *Emissions Gap Report 2024: No more hot air … please!* finds that nations must deliver dramatically stronger ambition and action in the next round of Nationally Determined Contributions or the Paris Agreement's 1.5°C goal will be gone within a few years. The report is the 15th edition in a series that brings together many of the world's top climate scientists to look at future trends in greenhouse gas emissions and provide

FURTHER RESOURCES

- → Full report
- → Executive summary
- → Key messages
- → Appendices
- → Emissions Gap Report 2024 launch
- → Press Release: Nations must close huge emissions gap in new climate pledges and

24 OCTOBER 2024 | REPORT

Emissions Gap Report 2024

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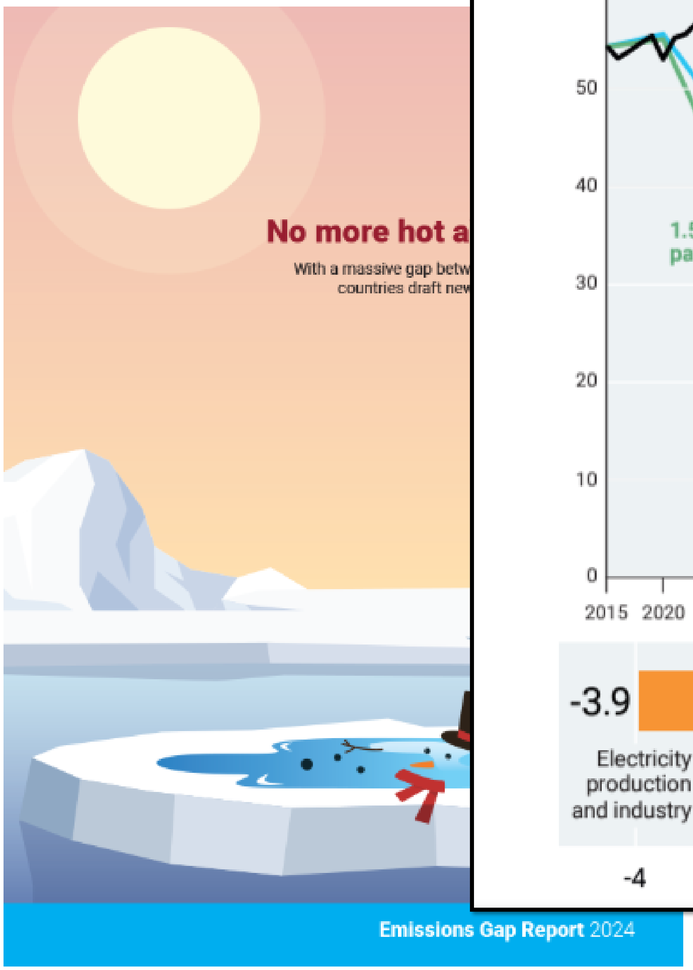
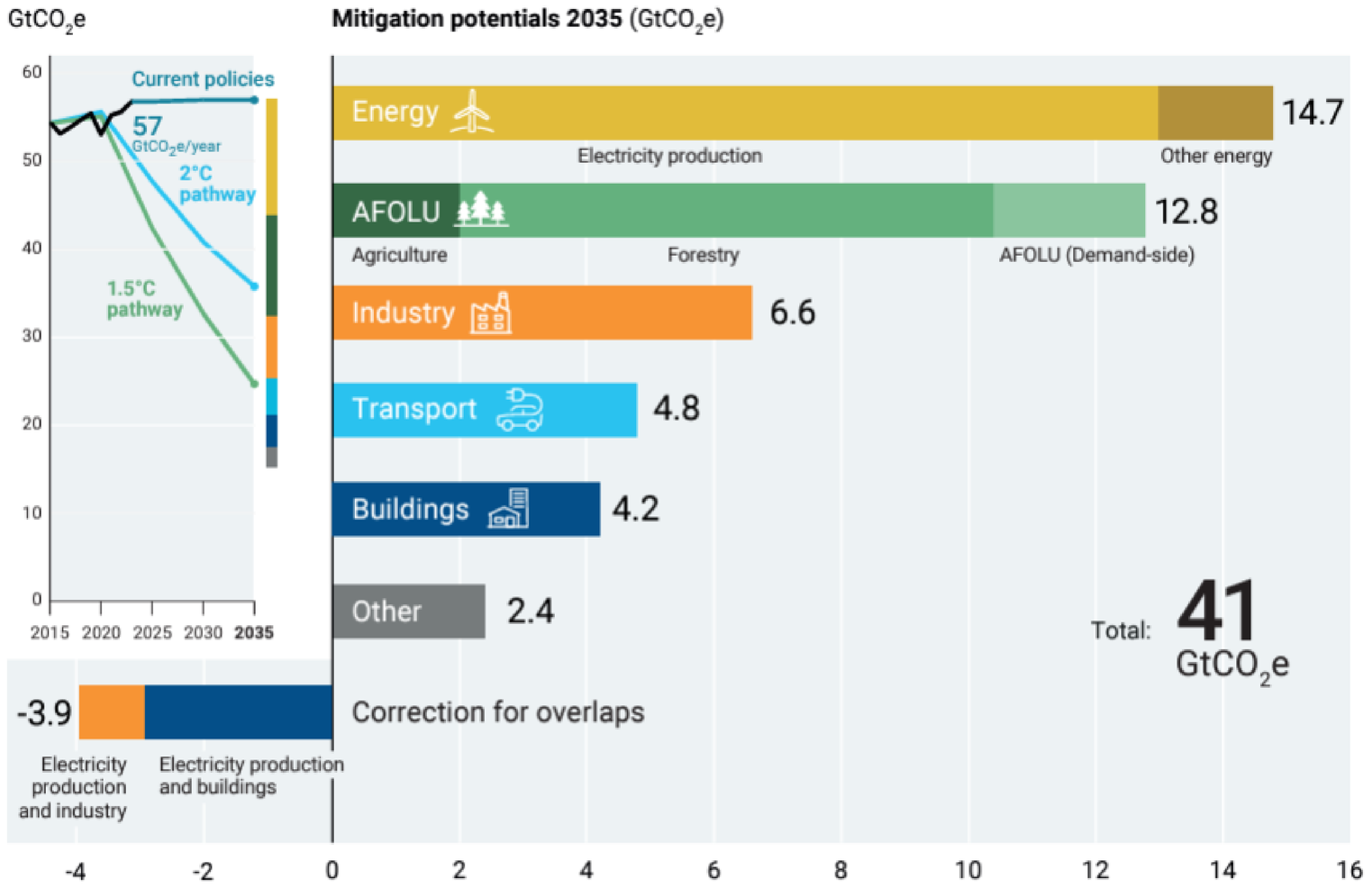


Figure ES.6 **Overview of annual mitigation potentials by 2035 by sector up to US$200/tCO$_2$e**



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So I guess forestry is a super-hero at the climate COPs….?


CANADA
CANADA
Tawâw
Biindigeg
Welcome


AUSTRALIA
AUSTRALIA
Low carbon, high productivity agriculture
Moderator
Sara Bray, Senior Policy Manager
Australian Forest Products Association
AUSTRALIA


BRITAIN & NORTHERN IRELAND
TELEPHONE
TELEPHON
Kew
Coffee:


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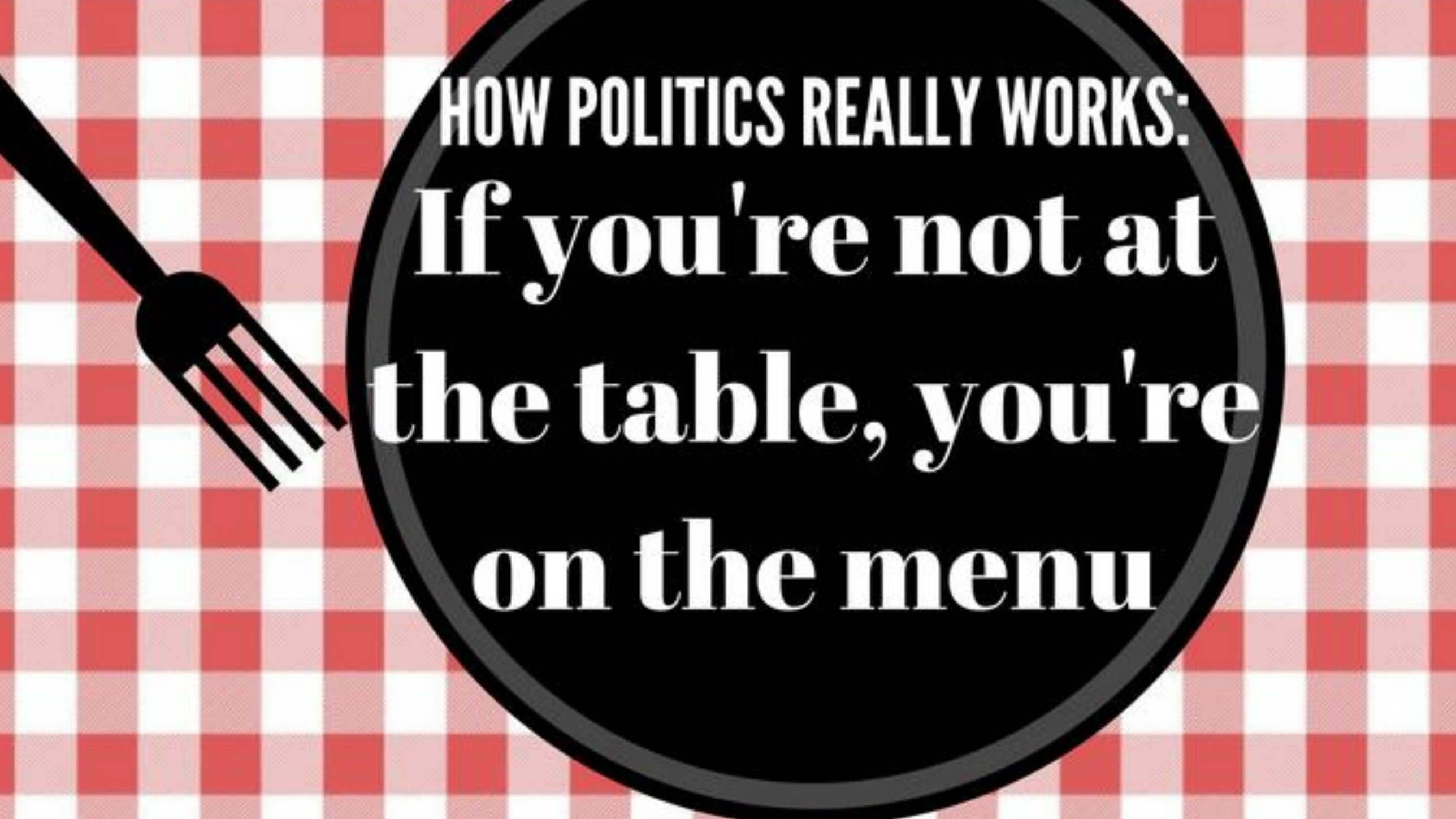
PAVILION
The ocean
unites us all.
océan
el océano
ocean
محيط
океан
海洋
ocean
PAVILION


HOW POLITICS REALLY WORKS:
If you're not at the table, you're on the menu

So at COP29 we pulled out a chair….


FOREST
Pavilion
at the SDG Pavilion
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Asian Development Bank
Asian Forest Cooperation Organization
Government of Canada
Government of the People's Republic of China
Government of the United Kingdom
International Council of Forest and Paper Associations
International Sustainable Forestry Coalition
International Tropical Timber Organization
Prince Albert II of Monaco Foundation
With support from the United Nations Forum on Forests Secretariat
at the United Nations Department of Economic and Social Affairs


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within the SDG pavilion
1 FIN DE LA POBREZA
13 CLIMATE ACTION


Public Finance
Private Sector Forestry
Institutional Investors
Forest Communities
Nature
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全球 森林 目标


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GLOBAL FOREST GOALS
ГЛОБАЛЬНЫЕ ЦЕЛИ В ОТНОШЕНИИ ЛЕСОВ
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1 FIN DE LA POBREZA
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В ОТНОШЕНИИ
лесов
OBJETIVOS
FORASTALES
MUNDIALES
全球
森林
目标


FIRE... WHEN
SERVANT WHEN
D, BUT A BAD
EN LEFT
ED!
THE
CONVERSATION
#EUATC


Leaders' panel
Rt. Hon. Ed Milliband
Secretary of State for Energy Security & Net Zero, UK
Balkisou Buba
Vice National Coordinator, REPALEAC

Perhaps they are starting to see the

forestry for the trees…

Thank you