

# ELEVATE - ENABLING AND LEVERAGING CLIMATE ACTION TOWARDS NET ZERO EMISSIONS

## Transparency in the formulation of net-zero goals

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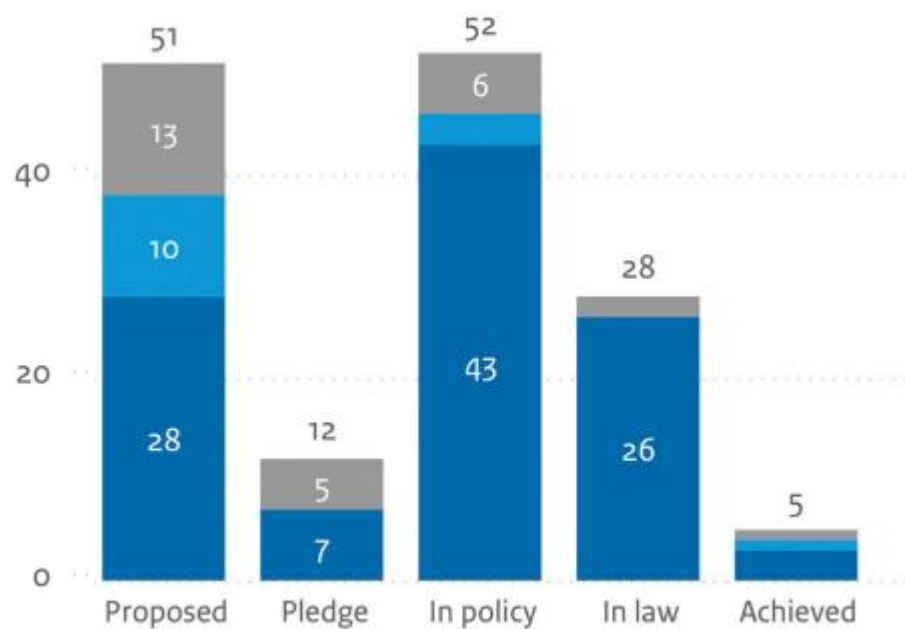
# A commonly used climate pledge

- Since COP26, in Glasgow (2021), reaching net-zero emissions has become a commonly used climate pledge.

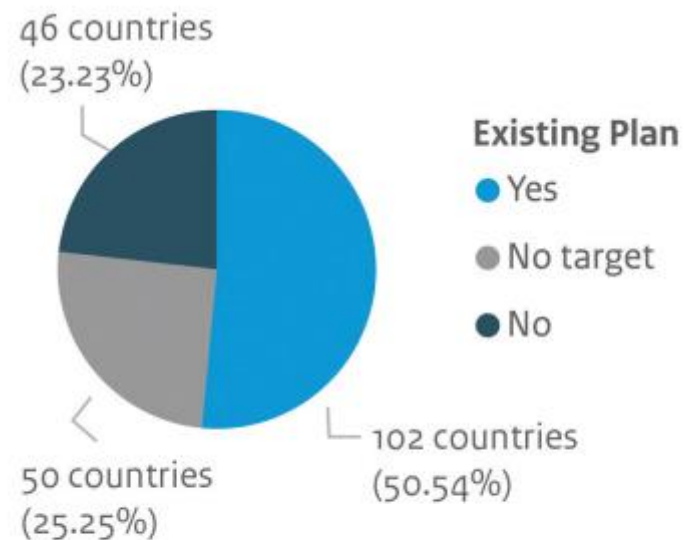
## Status of Net-Zero Targets and Gasses Covered

● Carbon dioxide and other GHGs ● Carbon dioxide only ● Not Specified

# countries



## Plan to Reach Net-Zero Target



From the [ELEVATE Annual Net-Zero Report \(2024\)](#), data from the [Net-Zero Tracker](#).

# Uncertainty in formulation

- Since COP26, in Glasgow (2021), reaching net-zero emissions has become a commonly used climate pledge.
- However, currently there is no international agreement on how net-zero goals should be formulated.

# Transparency of net-zero goals

- To improve the transparency of net-zero goals, countries should always disclose:



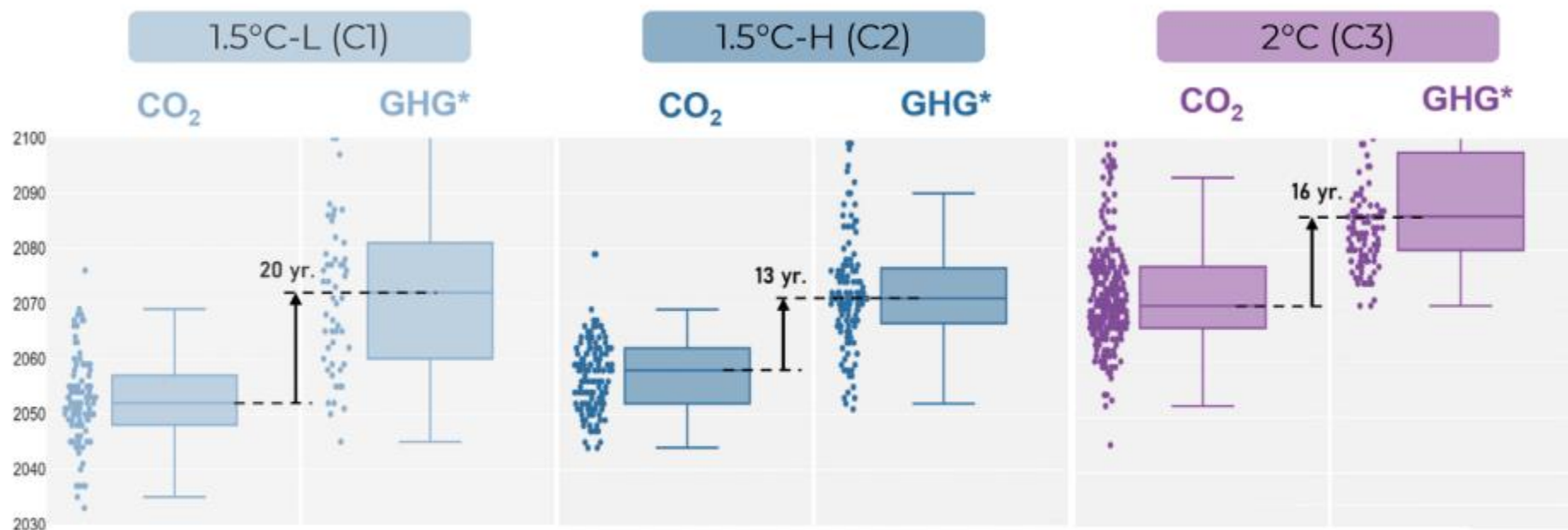
Emissions scope:  
CO<sub>2</sub> vs GHGs



## Emissions scope: CO<sub>2</sub> vs GHGs

CO<sub>2</sub> vs GHGs:

Difference between net-zero CO<sub>2</sub> and net-zero GHG can be decades.



**Net-zero year**

GHG\* excludes F-gases, aggregated using GWP-100 (AR4)

From the [ELEVATE Annual Net-Zero Report \(2023\)](#).

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Emissions scope:  
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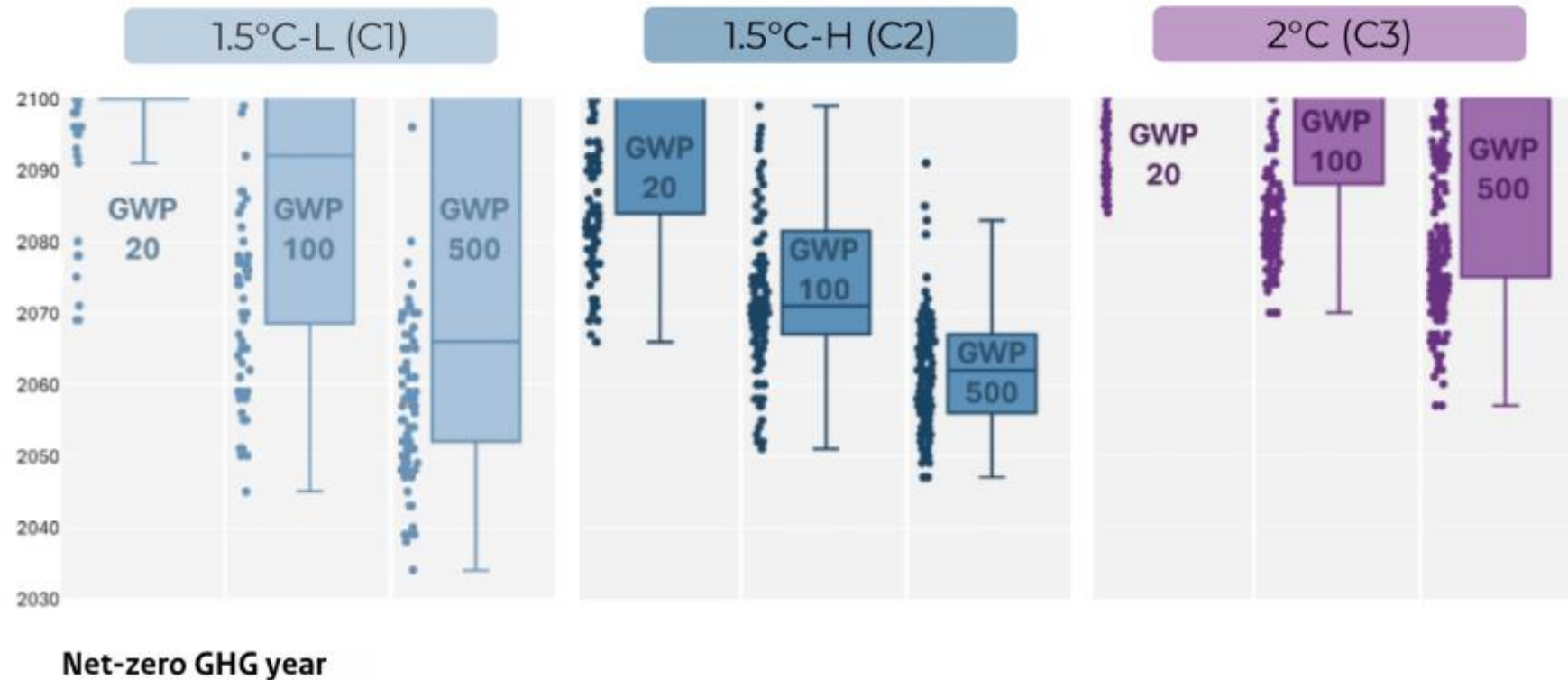
Conversion metrics  
(CO<sub>2</sub>-equivalent)



## Conversion metrics (CO<sub>2</sub>-equivalent)

CO<sub>2</sub> vs GHGs:

Global Warming Potential (GWP) commonly used to calculate CO<sub>2</sub>-equivalents.  
Time horizon (e.g. GWP<sub>20</sub> vs GWP<sub>100</sub> vs GWP<sub>500</sub>) influences timing of net-zero.



From the [ELEVATE Annual Net-Zero Report](#) (2023).

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Emissions scope:  
CO<sub>2</sub> vs GHGs



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Temperature goal  
(contribution to  
global goals)

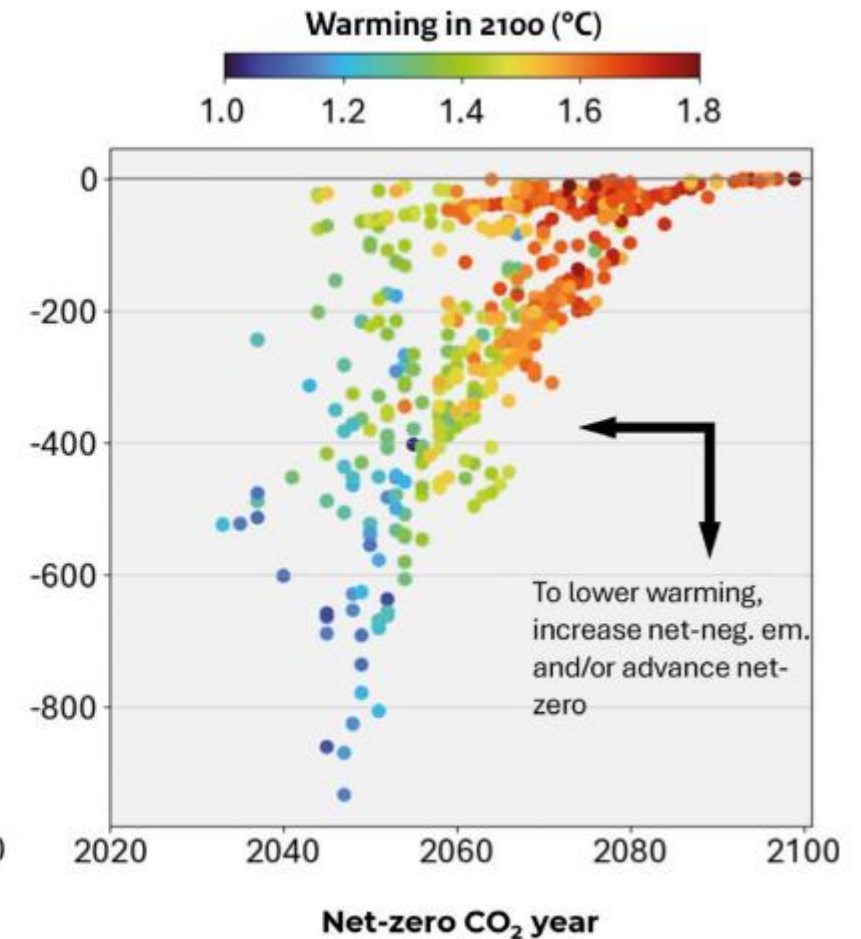
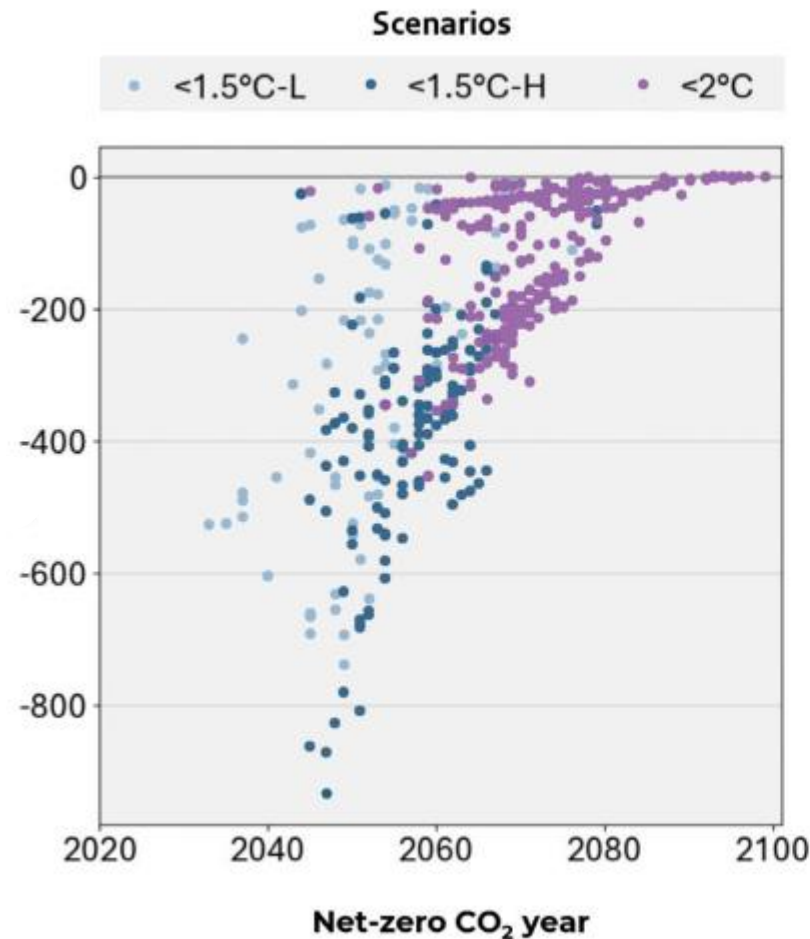


## Temperature goal (contribution to global goals)

### Alignment with Paris:

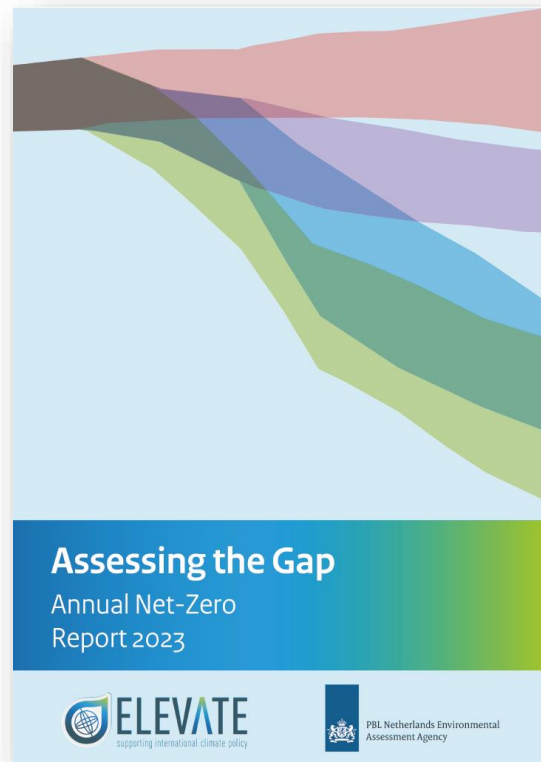
- Delayed action and temperature overshoot determine the remaining carbon budget
- Dependence on negative emissions and carbon dioxide removals (CDR) comes with uncertainties and risks

### Cumulative net-negative GtCO<sub>2</sub> post net-zero

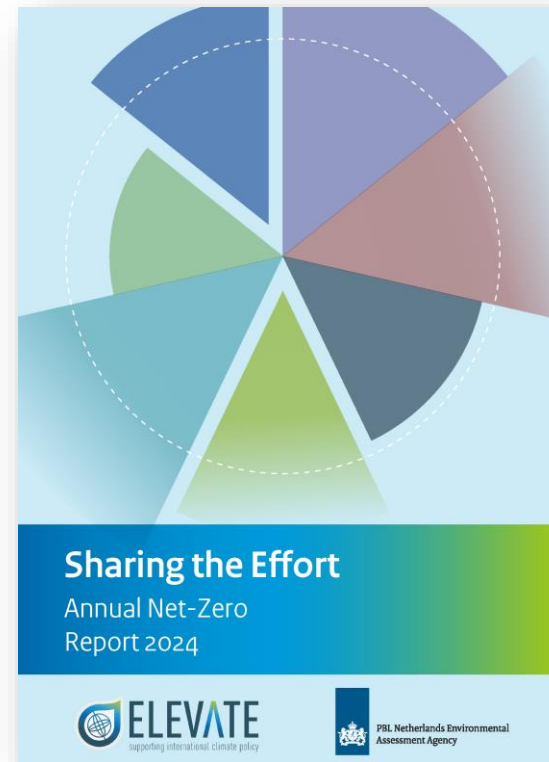


From the [ELEVATE Annual Net-Zero Report](#) (2023).

# Annual Net-Zero Reports



2023



2024

Available at:

<https://www.elevate-climate.org/annual-net-zero-report>

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