Redefining voluntary offsetting in the context of science-based target setting
<table>
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<tbody>
<tr>
<td>1. Dichotomy between Annex I and non-Annex I countries</td>
<td>1. Action by all parties, following CBDR principles</td>
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<tr>
<td>2. Large focus on mitigation</td>
<td>2. Focus on mitigation, adaptation and finance</td>
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<td>3. Focus on government driven action</td>
<td>3. Focus on action by governments and non-state actors</td>
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<tr>
<td>4. Science as a driver to take action</td>
<td>4. Science as a driver to take action and shape ambition</td>
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</table>
An over simplification of climate science

49 GT CO2 / yr

2250 GT CO2

< 1.5°C carbon budget

360 GT CO2

< 8 years at current levels

1890 GT CO2

Remaining carbon budget

Cumulative emissions

2900 GT CO2

< 2°C carbon budget

1010 GT CO2

< 21 years at current levels

Remaining carbon budget

Cumulative emissions

@acarrillopineda
An over simplification of climate science

Understanding 1.5°C and 2°C emissions trajectories

GT CO2e

<2°C

<1.5°C

Year

2010  2020  2050  2100
Science-based target setting

Company w GHG emissions
Company x GHG emissions
Company y GHG emissions
Company z GHG emissions

Sector h GHG emissions
Sector i GHG emissions
Sector j GHG emissions
Sector k GHG emissions

Global GHG emissions

Global carbon budget

GT CO₂

<1.5°C
### Voluntary carbon offsetting within the new regime

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<td>1. Companies set emission reduction targets based on internal assessments</td>
<td>1. Companies set emission reduction targets based on science</td>
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<td>2. Offsetting as a carbon reduction mechanism by companies</td>
<td>2. Offsetting as a carbon finance mechanism by companies</td>
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<td>3. Additionality on the supply side</td>
<td>3. Additionality on the supply and on the demand side</td>
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<td>4. Companies contribute to closing the emissions gap</td>
<td>4. Companies contribute to closing the emissions and finance gap</td>
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