

right°

One point five

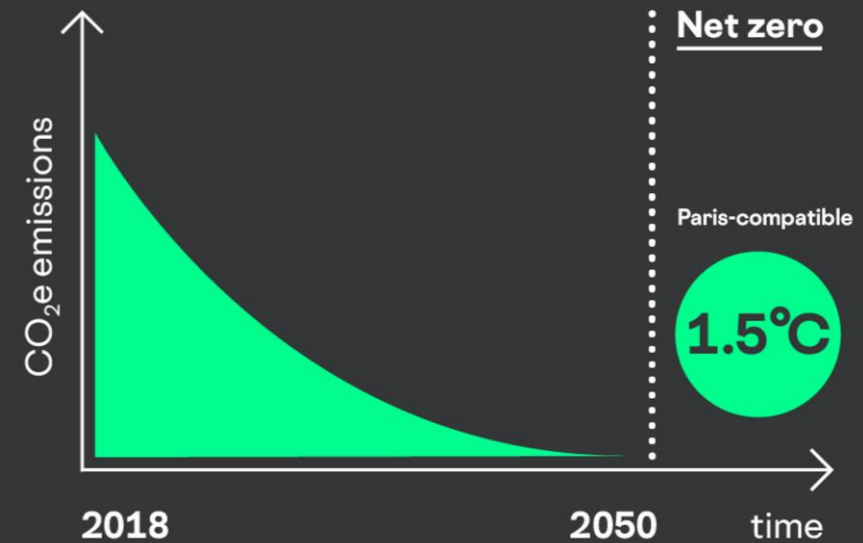
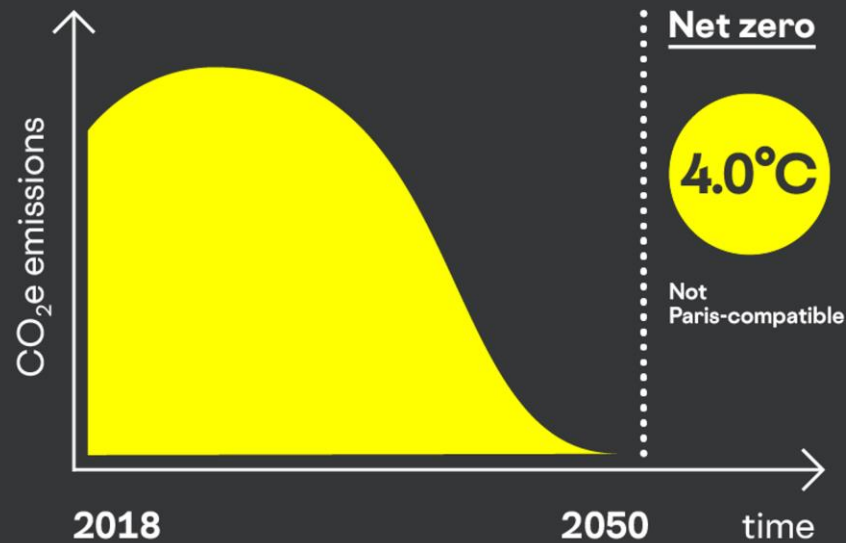
is still possible, if we do it right.



Net zero is not enough to do it right.

Mastering the climate transition means remaining within your emissions budget until 2050 while creating long-term economic value.

Net zero alone is not sufficient to ensure a successful 1.5°C future.



The world demands 1.5°C from every company.

EU Observer



ECB warns most EU banks have no 'Paris' climate plan

The European Central Bank (ECB) warned on Monday (22 November) that most commercial banks...

Financial Times



BlackRock's Fink says climate pressure on public companies 'biggest arbitrage in my lifetime'

Lack of progress at COP26 'frightening', says head of least developed countries group. The chair...

The Guardian



Governments and firms in 28 countries sued over climate crisis - report

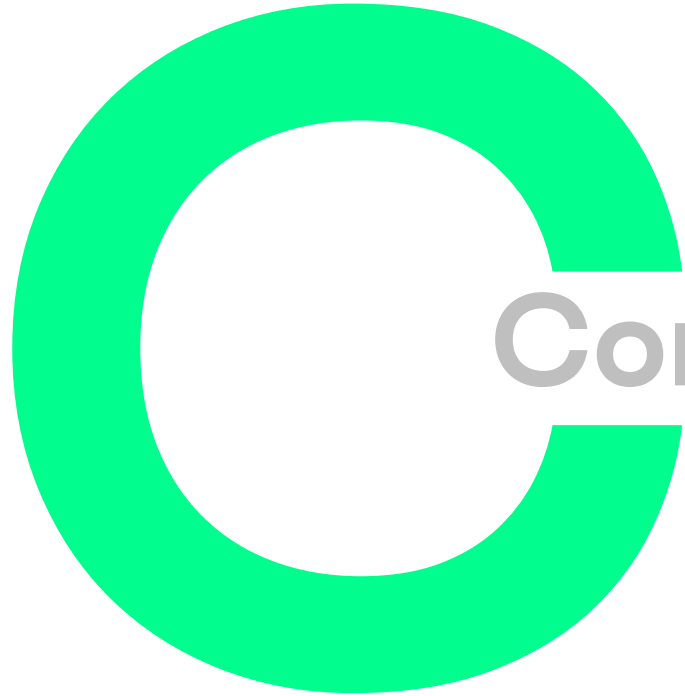
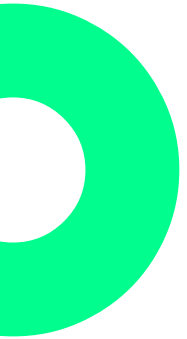
The European Central Bank (ECB) warned on Monday (22 November) that most commercial banks...

Reuters Events



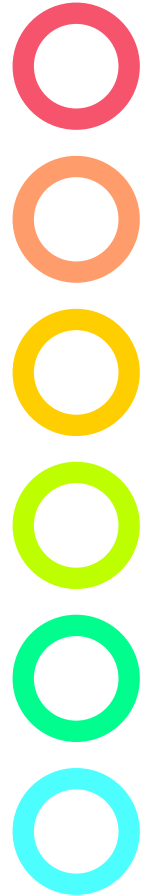
'Employees want climate-positive action from companies. Here's how they can deliver'


If the Covid crisis has taught businesses anything, it's that being prepared for change is crucial...



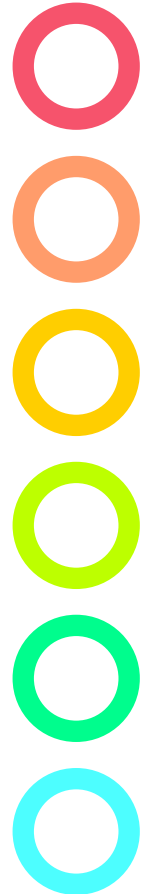
Companies have ideas.

And questions.





**right° makes the climate impact
of economic activities transparent
in a plain and simple °C figure.**



One point five

The Company

right on target 1.5°C

right° provides transparency on the climate impact of economic activities - plain & simple in °C. Our software and metrics enable stakeholders from the real economy, finance, and real estate to plot pathways to 1.5°C alignment.

Our pioneering X-Degree Compatibility (XDC) Model is a science-based 'temperature alignment' metric that corresponds directly to the goal of the Paris Agreement. That means, we guide your climate-related decisions with the best, most relevant science and data.

Selected Clients



Selected Partners



Selected Press



Our clients gain more clarity with every step.

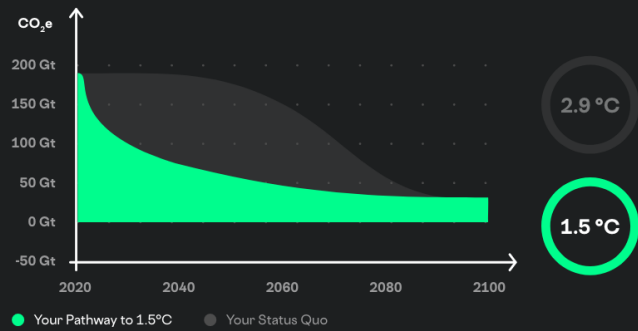
Your possible pathways to 1.5°C

Use the buttons below to discover three possible reduction scenarios to meet the 1.5°C target:

- A **slow CO₂e reduction** assumes that your company will not reduce emissions until 2030. As a result, the reduction rate increases sharply in the second part of this century.
- The **steady CO₂e reduction** assumes that your company will reduce emissions along our target pathway assumptions.
- A **fast CO₂e reduction** focuses on a 40% reduction by 2030. This facilitates the reduction development in the following years.

Slow CO₂e reduction **Fast CO₂e reduction** Steady CO₂e reduction

CO ₂ e in 2030	CO ₂ e in 2050	CO ₂ e in 2100
152 400 t	55 300 t	15 450 t
-30 % vs 2019	-77 % vs 2019	-84 % vs 2019



1.9°C

Scenario input

Musterstraße 1, Wien

Year 2022

Measure Heat pump

Year 2024

Measure Efficiency

Modify scenario

Basic input

Musterstraße 1, Wien

Country Austria Area 12 000

Prop. type Office Base year 2019

Emissions

Electricity	80.0 t CO ₂ e	Fuels	125.0 t CO ₂ e
D. Heating	0.0 t CO ₂ e	D. Cooling	0.0 t CO ₂ e
Fugitive	0.0 t CO ₂ e		

Emissions per square meter 0.02 t CO₂e/m²

1.5°C

2. They use our powerful XDC software suite to deep dive into their climate strategies.

1. They use our reports as a reliable basis to understand their current climate impact.

3. And they integrate XDC into their own systems via our API.

right^o /q/openapi

right. based on science API ^{22.3.2} OAS3

[/q/openapi](#)

This is the Public API of right. based on science. We offer endpoints that provide access to our models, calculations and data. To request access to any of these endpoints, please contact us: api@right-basedonscience.de

Check out our [documentation page](#) to learn more about the API.

Company Target

- POST** /v2/company/scenario/gva-emissions Calculate the yearly values for emissions, EEIs, GVA and ter
- POST** /v2/company/target Company Target calculation

Financial Calculation

- POST** /v1/portfolio Computes Portfolio XDCs
- POST** /v1/security Computes Securities XDCs
- POST** /v2/portfolio Computes Portfolio XDCs

References, leveraging °C

Kneipp



The Climate Impact Report shows Kneipp how they compare to their competitors.

They use °C to adjust their strategy in line with a 1.5°C-aligned emissions reduction plan. The °C value of XDC is so clear that employees at all levels understand it.

Rolls Royce Power Systems



Rolls Royce Power Systems works with right° to incorporate SBTs into a strategic 1.5°C-aligned R&D roadmap.

The company examines impacts of product efficiency and fuel type while benefitting from XDC's unique carbon capture projections.

Block Group



Block Group relies on right°'s science-based tools to maintain reputational integrity.

With the Climate Impact Report and XDC Scenario Explorer, Block Group sets supply chain-wide targets, collaborates with farmers, and communicate with clarity.

Römheld & Moelle



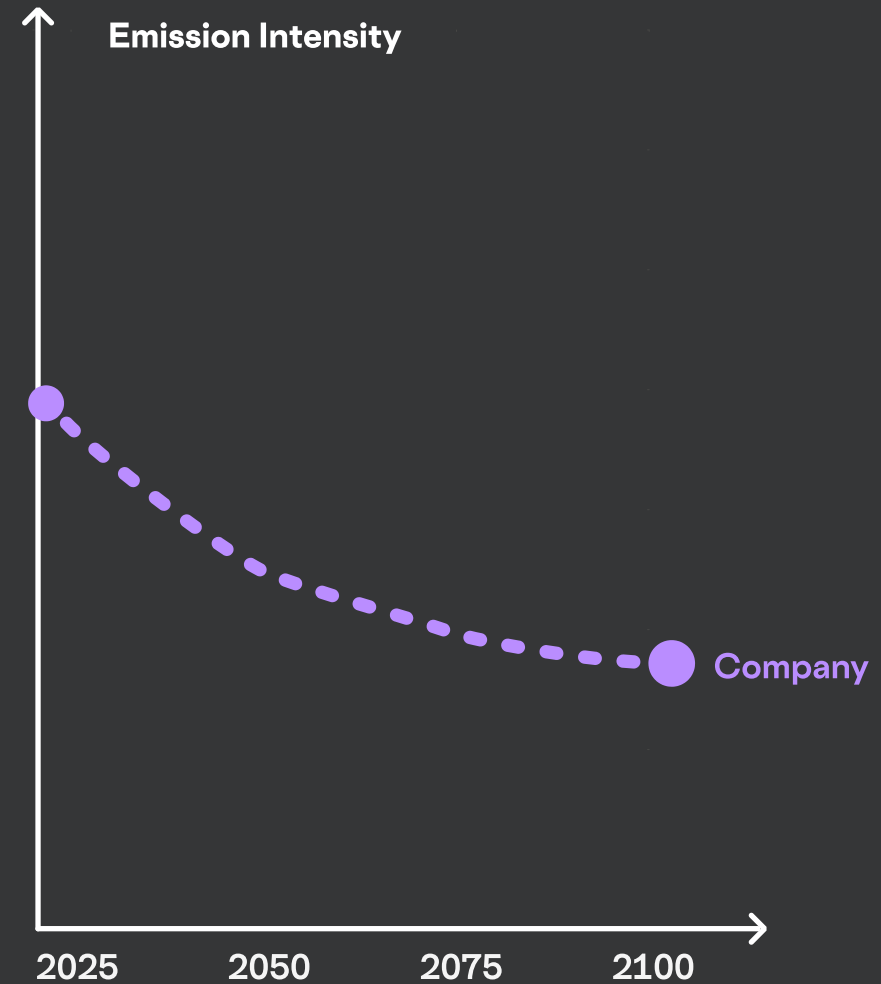
With XDC, Römheld & Moelle meet external pressure transparently.

The Scenario Explorer validates Römheld & Moelle's climate-oriented process optimizations, providing positioning against competitors and enabling the company to credibly showcase their progress.

XDC Model: The core of our products

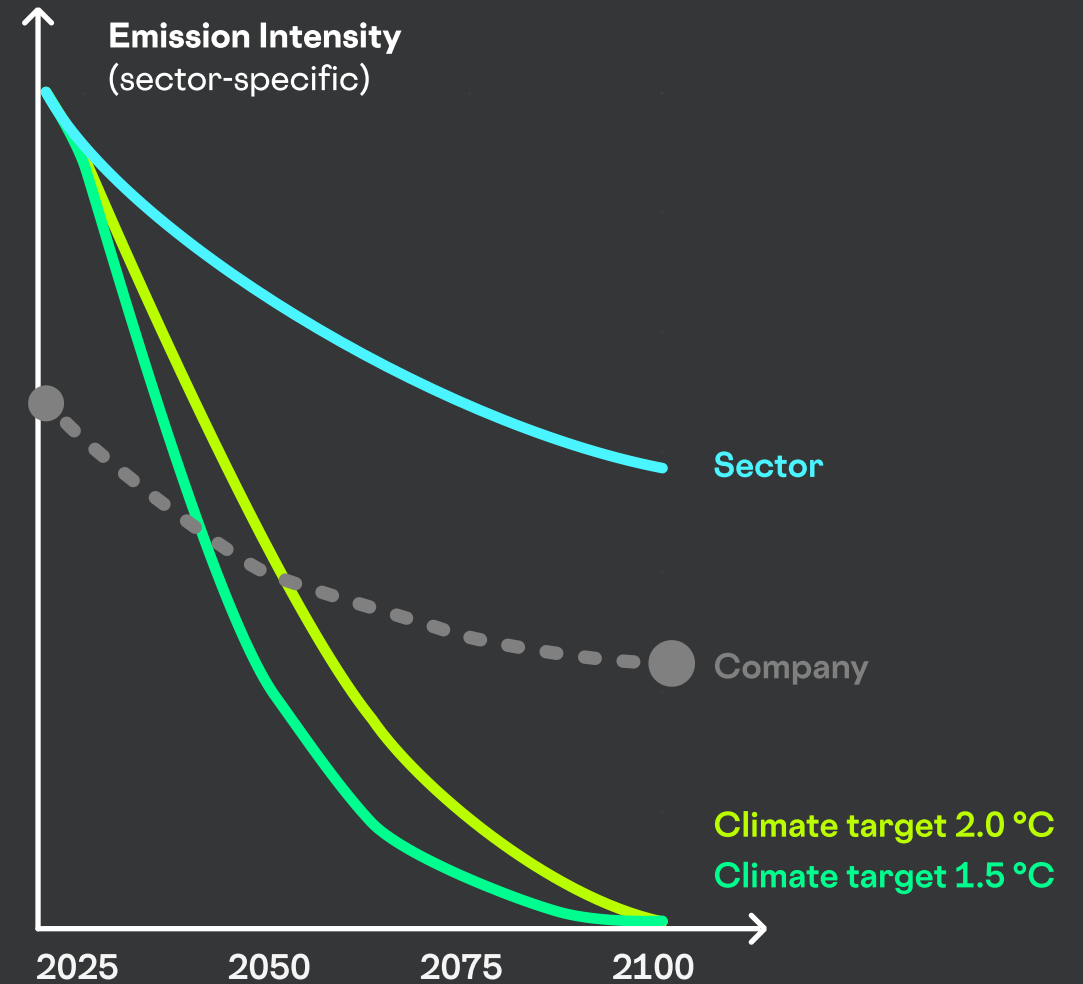
Calculate the Emission Intensity

We calculate the **Emission Intensity (EI) pathway** for the entity under consideration (e.g., a company or portfolio) from the base year until 2100, based on scenario assumptions. This scenario may be a baseline / business-as-usual or customised scenario.



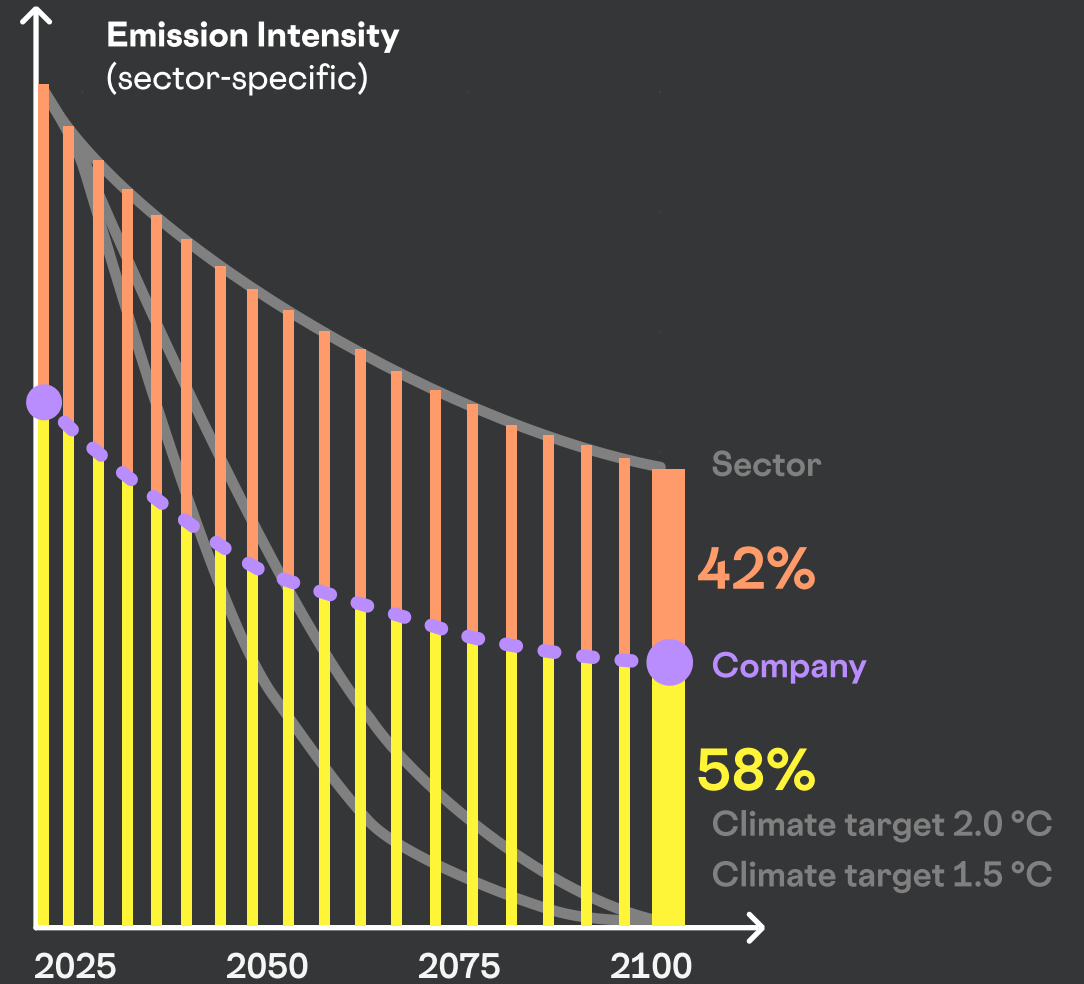
Define benchmarks

We define the sector-specific benchmarks for the entity: These are EI pathways for the **sector baseline** and for various **climate targets** (e.g., 2°C and 1.5°C).



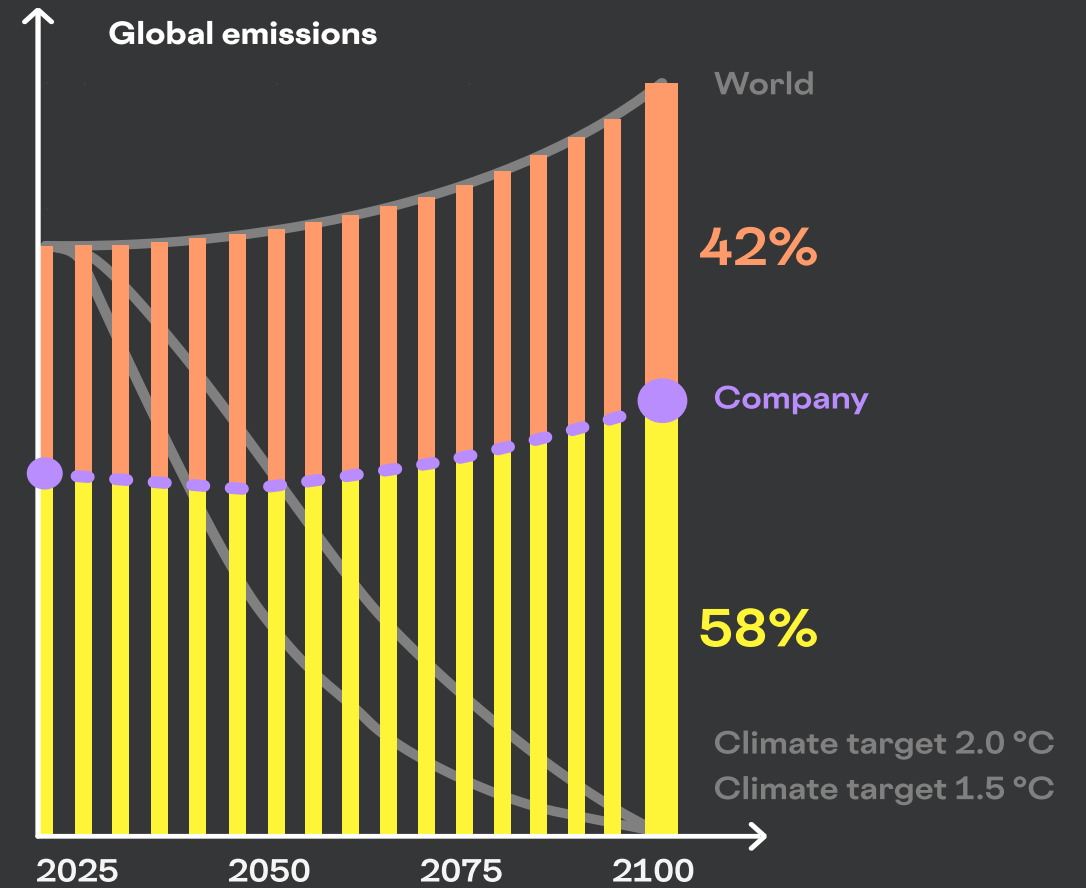
Calculate the climate performance

For each year until 2100, we calculate the climate performance of the entity relative to the benchmarks.



Map to global scale

We map this performance to the global scale to calculate the emissions that would reach the atmosphere if the whole world would show the same climate performance as the entity across the same timeframe.



Calculate the degree of global warming

Using a climate model, we calculate the degree of global warming that these emissions would cause.



2.7 °C



Nowhere to hide.

Financial Markets: CSRD, Article 9

By way of derogation from paragraph 2 of this Article[...], a detailed explanation of how the continued effort of attaining the objective of reducing carbon emissions is ensured in view of achieving the long-term **global warming objectives of the Paris Agreement**.

Corporates: CSRD, Article 18a

...large undertakings and, as of 1 January 2026, small and medium-sized undertakings which are undertakings referred to in Article 2, point (1), point (a), shall include [...].
In particular: (iii) the plans of the undertaking to ensure that its business model and strategy are compatible with the transition to a sustainable economy and with the limiting of **global warming to 1.5 °C in line with the Paris Agreement**.

Banks in particular: EBA ESG Pillar 3

The EBA ESG Pillar 3 package will help to address shortcomings of institutions' current ESG disclosures [...]. In line with the requirements laid down in the Capital Requirements Regulation (CRR), the draft ITS set out comparable quantitative disclosures on climate-change related transition and physical risks, [...]. In addition, they include KPIs on institutions' assets financing activities that are environmentally sustainable according [...] **the Paris agreement goals**.

Almost every economic entity will soon be directly or indirectly exposed to regulatory pressure to decarbonize in line with the Paris Climate Agreement.

One point five

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Handelsblatt



Die Welt 2023

Ein persönlicher Jahresausblick
von Sebastian Matthes

Seite 40

Menschen des Jahres Und wer 2023 wichtig wird

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