

global

ESG 2023

Measuring

ESG transparency

worldwide

monitor

CLIMATE WEBINAR



Gefördert durch:



des



Bundesministerium
für Bildung
und Forschung



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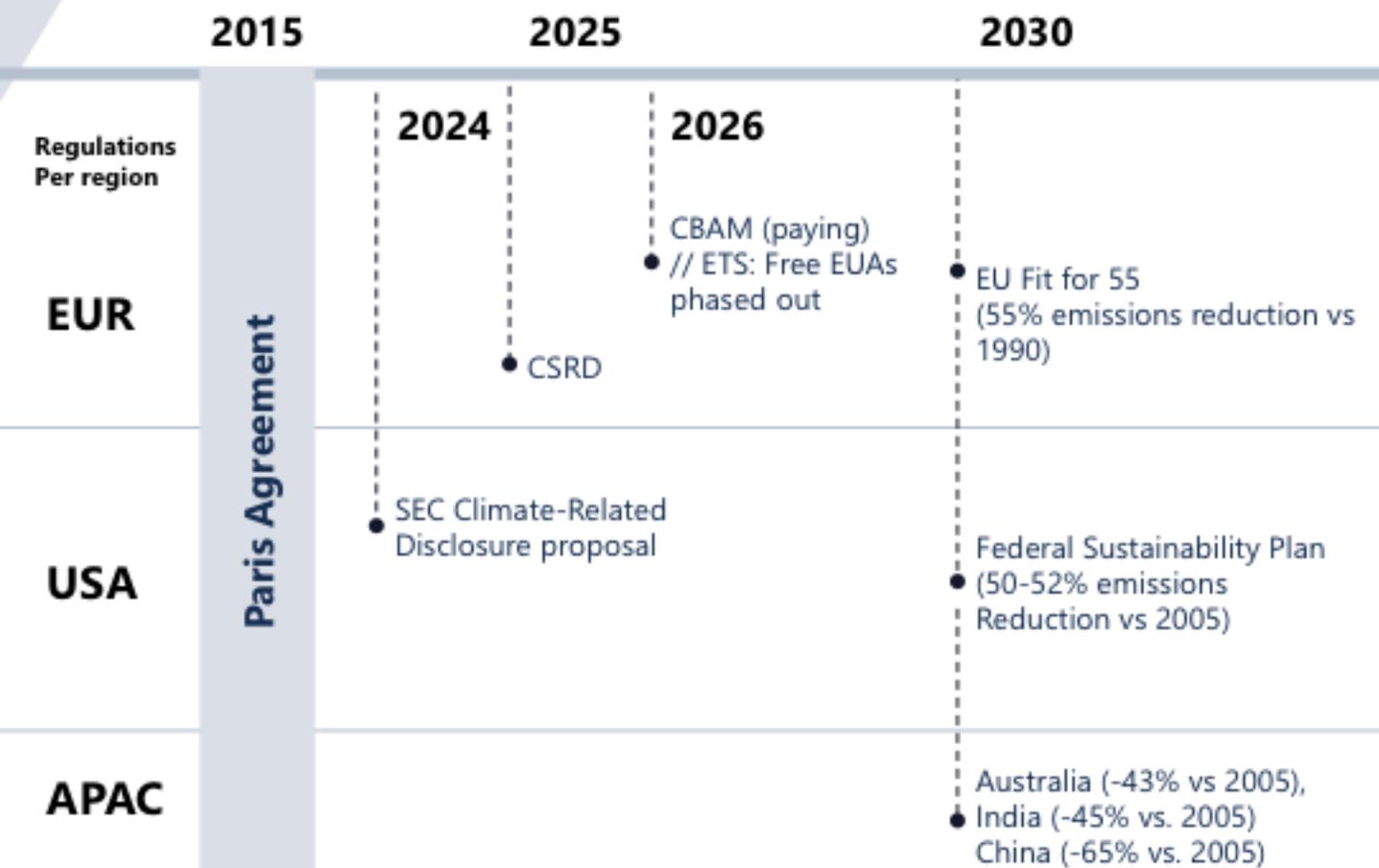


Warum ist Klimaberichterstattung für Unternehmen wichtig?

Why is this crucial?

Legislation & Regulation urges to move on decarbonization

Regulatory



Voluntary



Upgraded focus: limiting global warming to 1.5°C above pre-industrial levels
Update to compliance policy



More quality on offsets (cancellation)



Pushing for additionality

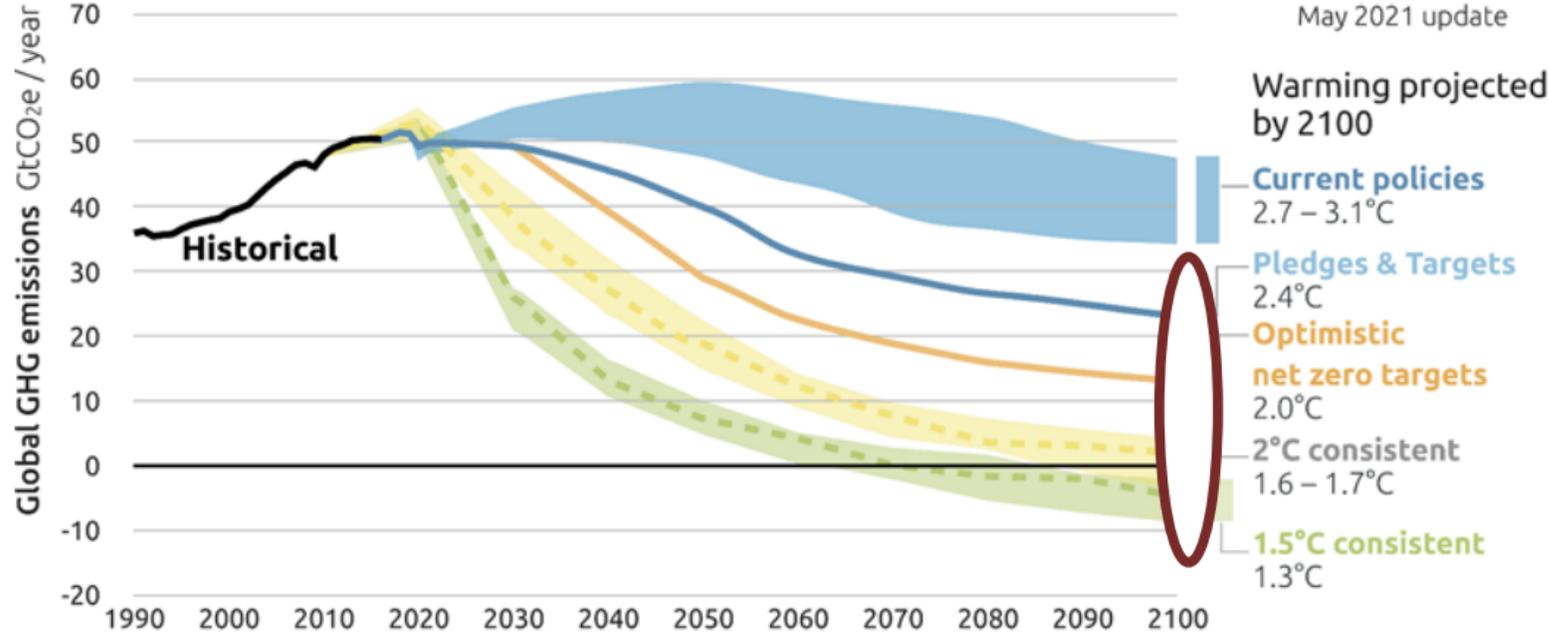
Business driving the low-carbon transition

Closing the emissions gap



2100 WARMING PROJECTIONS

Emissions and expected warming based on pledges and current policies



May 2021 update

Warming projected by 2100

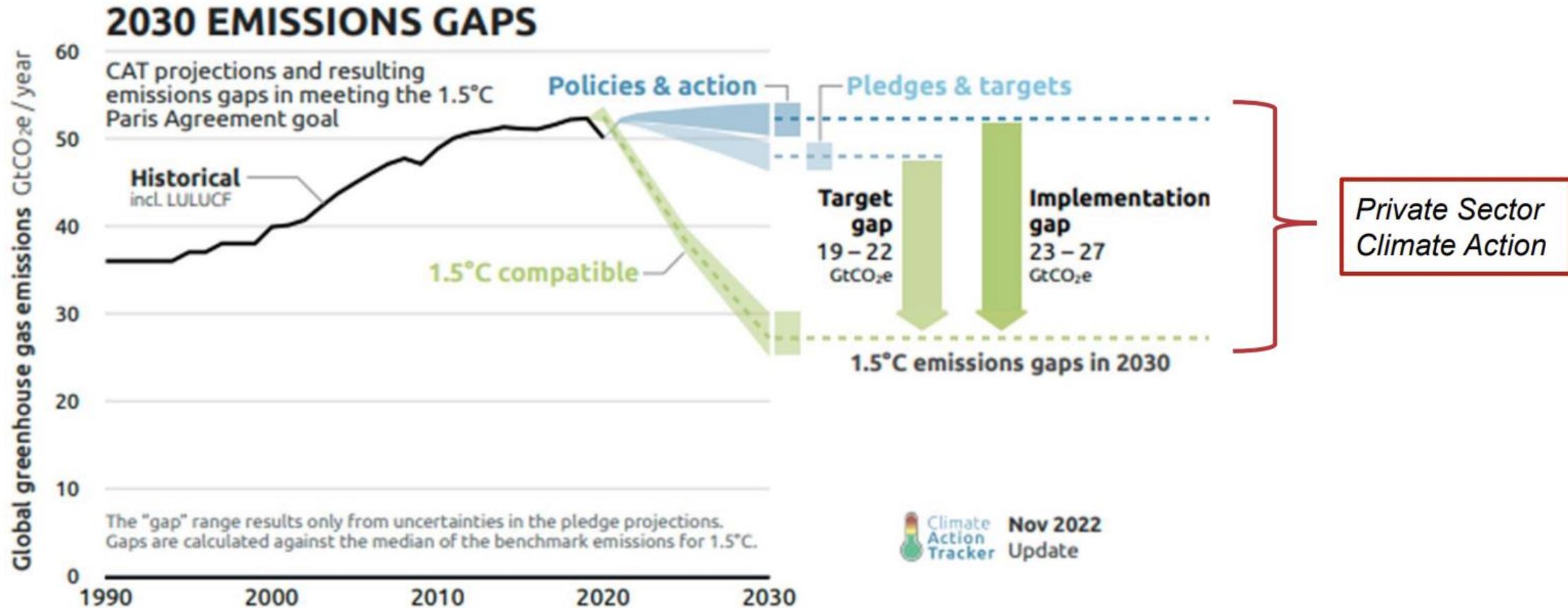
- ▶ We're already at 1.1°C above pre-industrial levels
- ▶ By 2030, global emissions need to be halved
- ▶ 2°C is too high: limiting warming to 1.5°C instead of 2°C would reduce overall risks and impacts substantially

Private Sector Climate Action



Business driving the low-carbon transition

Closing the emissions gap





Was mit ESRS auf die Unternehmen zukommt

EINORDNUNG DES THEMAS KLIMABERICHTERSTATTUNG

2019 lancierte die EU den **Green Deal** zur Bewältigung aktueller Klima- und Umweltprobleme. Im Juli 2021 folgte das „**Fit-for-55**“-Paket der Europäischen Kommission, um den Green Deal umzusetzen und die EU-Klima- sowie Energiepolitik neu auszurichten. Mit der **CSRD** erließ die EU daraufhin die Forderung nach Offenlegung von Umweltfaktoren, einschließlich Maßnahmen zur Minderung des Klimawandels. Die EFRAG wiederum plante vor diesem Hintergrund ursprünglich, dass alle Unternehmen gemäß **ESRS** über ihren Beitrag zum Klimaschutz berichten müssen. Dies wurde jedoch gelockert und von der Wesentlichkeitseinstufung abhängig gemacht.

EFRAG EMPFEHLUNG

ESRS 1	Pollution	Circular economy	Consumers & end users
ESRS 2	Water	Own workforce	Affected communities
		Own workforce	
Climate	Biodiversity	Workers in value chain	Business conduct

Finale Entscheidung

ESRS 1	Pollution	Circular economy	Consumers & end users
ESRS 2	Water	Own workforce	Affected communities
Climate	Biodiversity	Workers in value chain	Business conduct

- Obligatorisch, unabhängig von der Bewertung der Wesentlichkeit
- Vorbehaltlich der Wesentlichkeit

DIE 6 PERSPEKTIVEN DER KLIMABERICHTERSTATTUNG AUS ESRS-SICHT

1. Einfluss des Unternehmens auf den Klimawandel
2. Anstrengungen zur Verringerung
3. Anpassung von Strategie & Geschäftsmodell
4. Maßnahmen, Risiken & Chancen
5. Finanzielle Auswirkungen
6. Governance





1.
**Einfluss des Unternehmens
auf den Klimawandel**

Taking climate action is getting increasingly complex



Complex & tightening regulatory landscape



Requires deep expertise to navigate smoothly



Volatile & increasing environmental prices



Necessitates smart hedging structures



Global markets with wildly diverging prices



Allows for global optimization potential



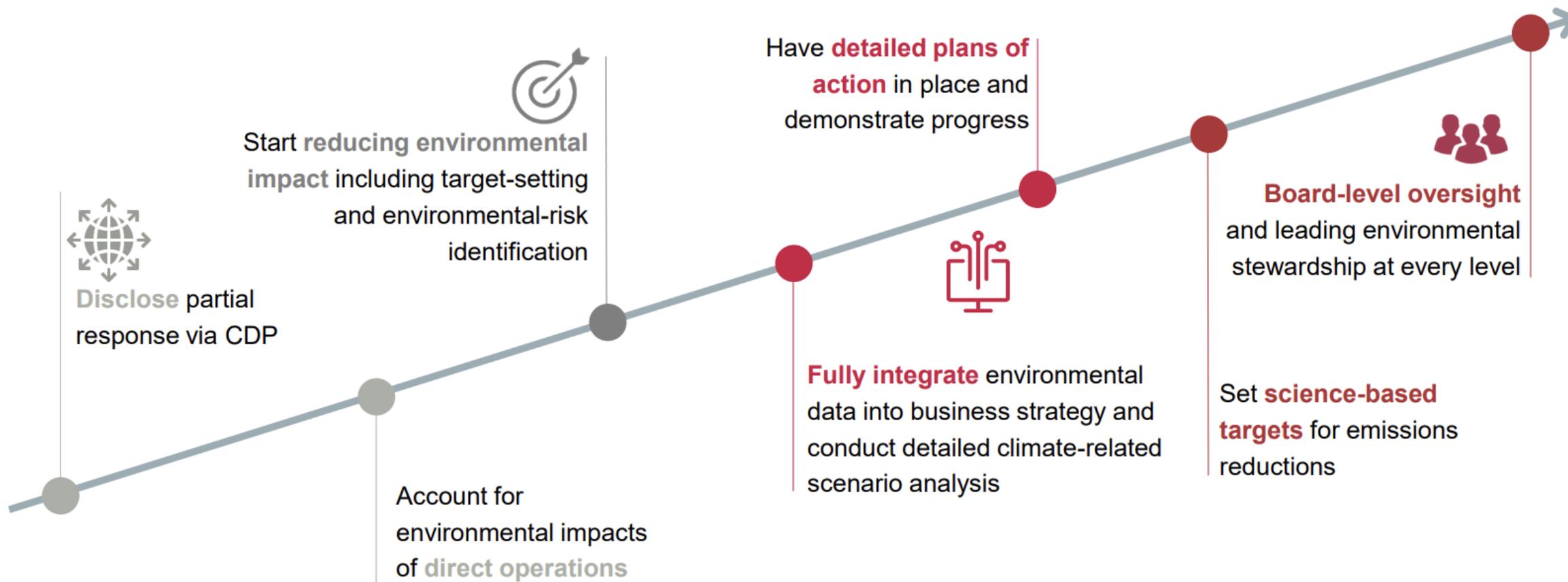
Scope 3 is the next climate action frontier



Needs new capabilities & strategies

LEARN | Understanding carbon prices holistically allows arbitraging and benefiting financially to increase competitiveness in the future

The journey to environmental best practice



Stage 1: Early	Stage 2: Developing	Stage 3: Mature	Stage 4: Best practice
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2.
MASSNAHMEN ZUR VERRINGERUNG

Decarbonization tools across environmental commodities

1 Energy Efficiency

Energy Efficiency Certificates (France)

Documents certifying that a certain reduction of energy consumption has been attained. EECs are often tradable and combined with an obligation to achieve a certain target of energy savings.

2 Renewable energies

Renewable Electricity

Renewable Energy Certificates (RECs) are a market-based instruments that certify a megawatt-hour (MWh) of electricity is generated from a renewable energy sources.

Renewable Gas

Gas produced from raw materials such as agricultural waste, manure, municipal waste, plant material, sewage, green waste and food waste.

Biofuels & Feedstocks

Fuels that are produced over a short time span from biomass (plants or waste), rather than by the very slow natural processes involved in the formation of fossil fuels, such as oil.

Blending/EV tickets (e.g. HBE)

Tradeable GHG reduction certificates that road fuel blenders receive for each ton of CO₂ equivalent (CO₂e) saved

3 Offsetting

Carbon offset (emission compensation)

Carbon offsets exchanged in the voluntary or OTC market. Usually certified through a voluntary certification process.

Carbon inset (emission reductions)

Verified insets (CO₂-reduction) from projects that physically contribute to supply chain decarbonization

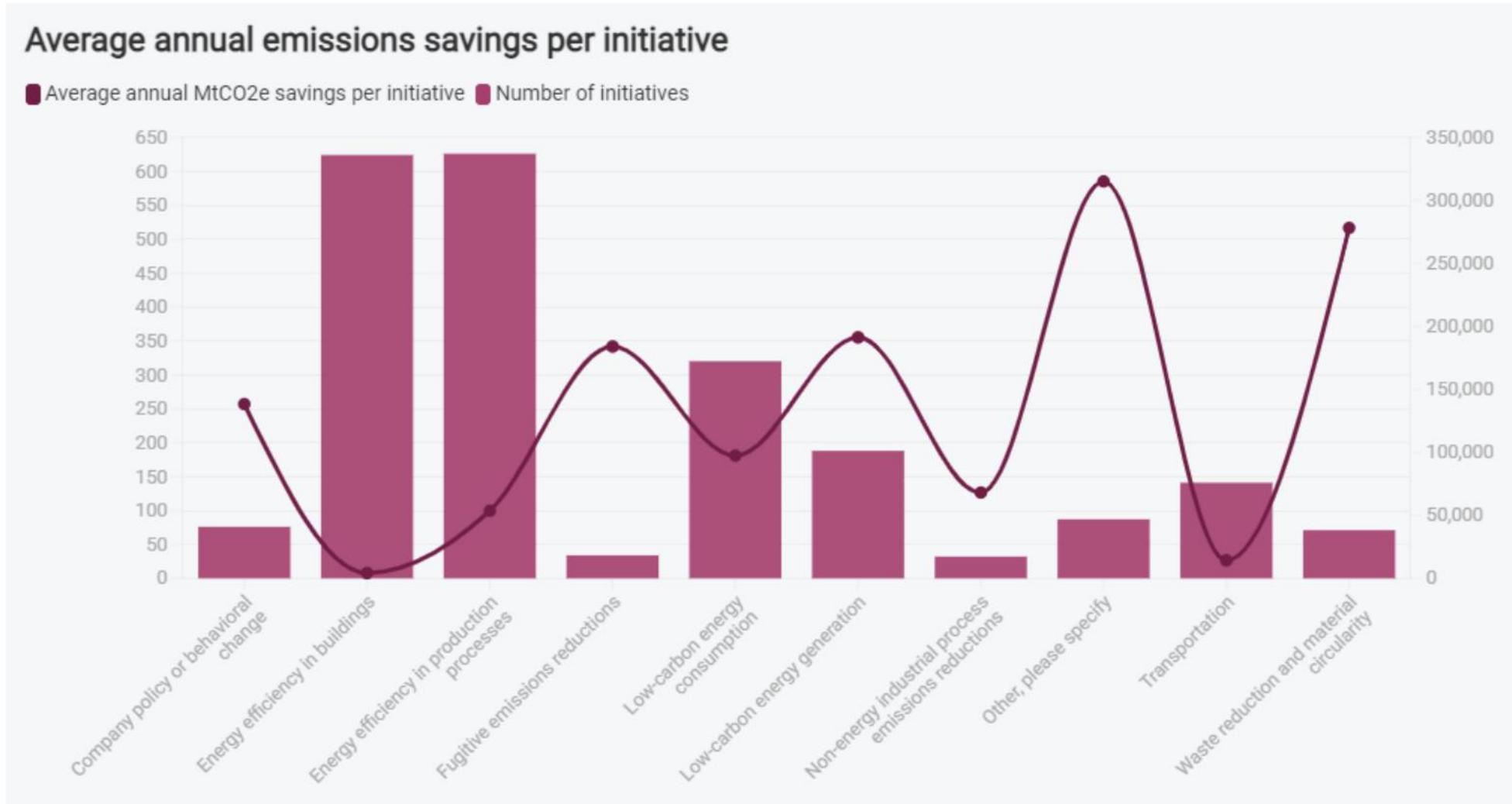
4 Regulation

Emission allowances (EUA, etc.)

Climate credits (or carbon credits) used in the European Union Emissions Trading Scheme (EU ETS).

Emissions reductions initiatives

Popularity vs. impact of emissions reduction initiatives



Climate transition plans

A credible climate transition plan is increasingly important



Inbound regulation driving transition plan development and disclosure (ISSB, TCFD)

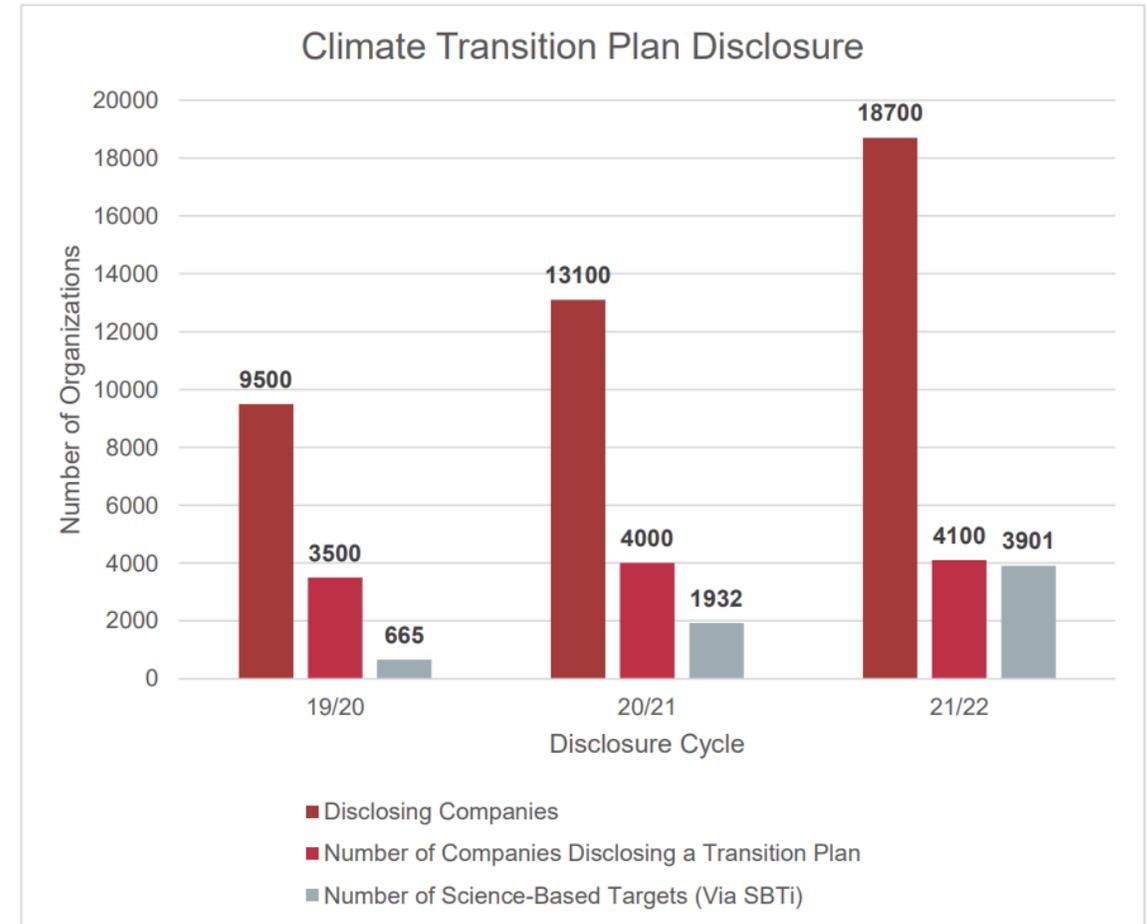


Proliferation of Science-based Targets via the SBTi is accelerating the need for credible plans demonstrating how organizations will meet these targets



Resiliency risks that comes with an everchanging climate and natural environment

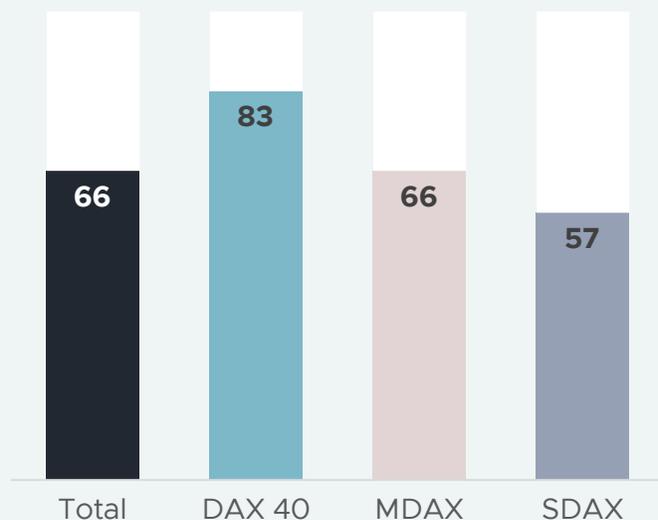
Our recently published [report](#) with Clarity AI highlights **the importance of transition plans and adoption of the EU Taxonomy** to demonstrate alignment of company expenditure with decarbonization targets.



PLÄNE ZUR GESTALTUNG DES ÜBERGANGS HIN ZU EINER DEKARBONISIERTEN WIRTSCHAFT

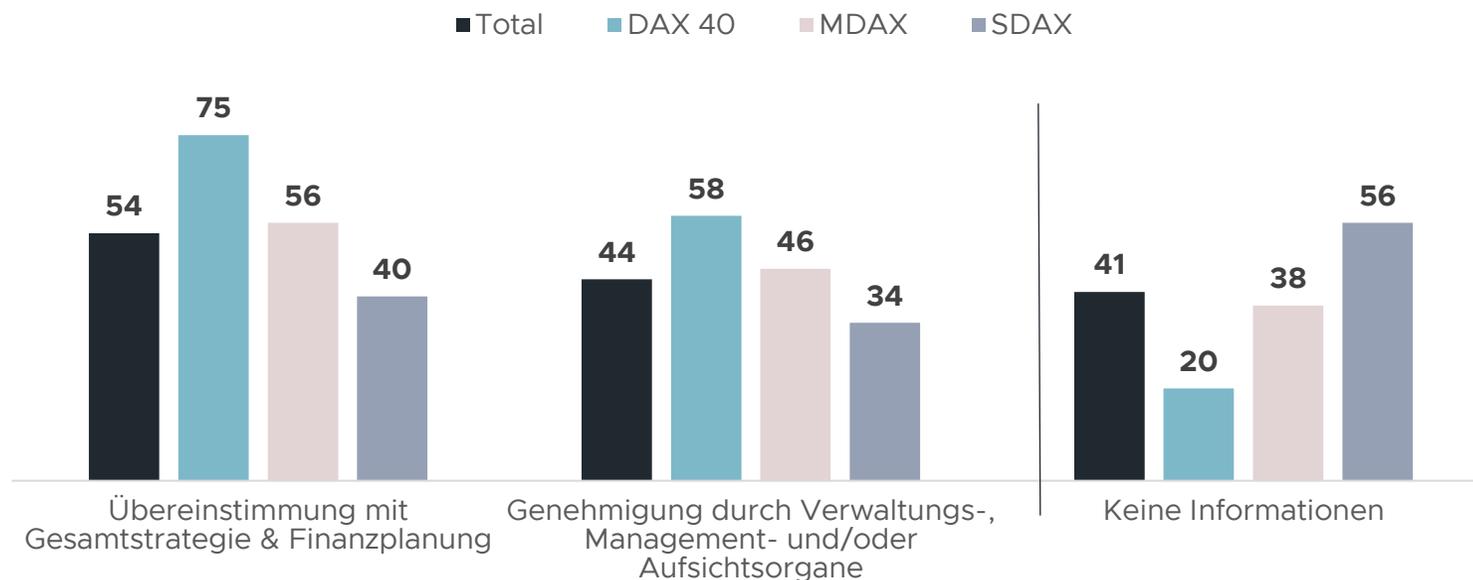
PL01, N=160, %, Single Select

DARLEGUNG EINES ÜBERGANGSPLANS ZUR EINDÄMMUNG DES KLIMAWANDELS



PL03, N=160, %, Multiple Select

EINBETTUNG DES ÜBERGANGSPLANS IN GESCHÄFTSSTRATEGIE, FINANZPLANUNG & GENEHMIGUNG DURCH KONTROLLORGAN



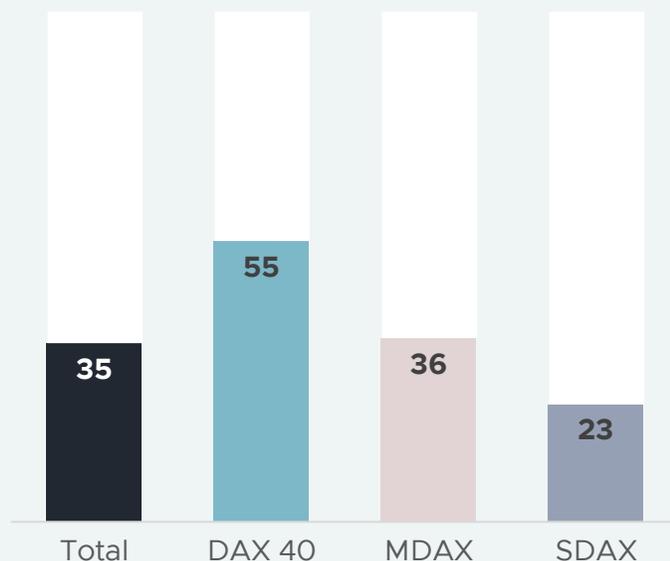


3.
**ANPASSUNG VON STRATEGIE &
GESCHÄFTSMODELL**

RESILIENZ DER UNTERNEHMEN GEGENÜBER DEM KLIMAWANDEL

PL18, N=160, %, Single Select

UNTERNEHMEN, DIE EINE RESILIENZ-ANALYSE DURCHGEFÜHRT HABEN

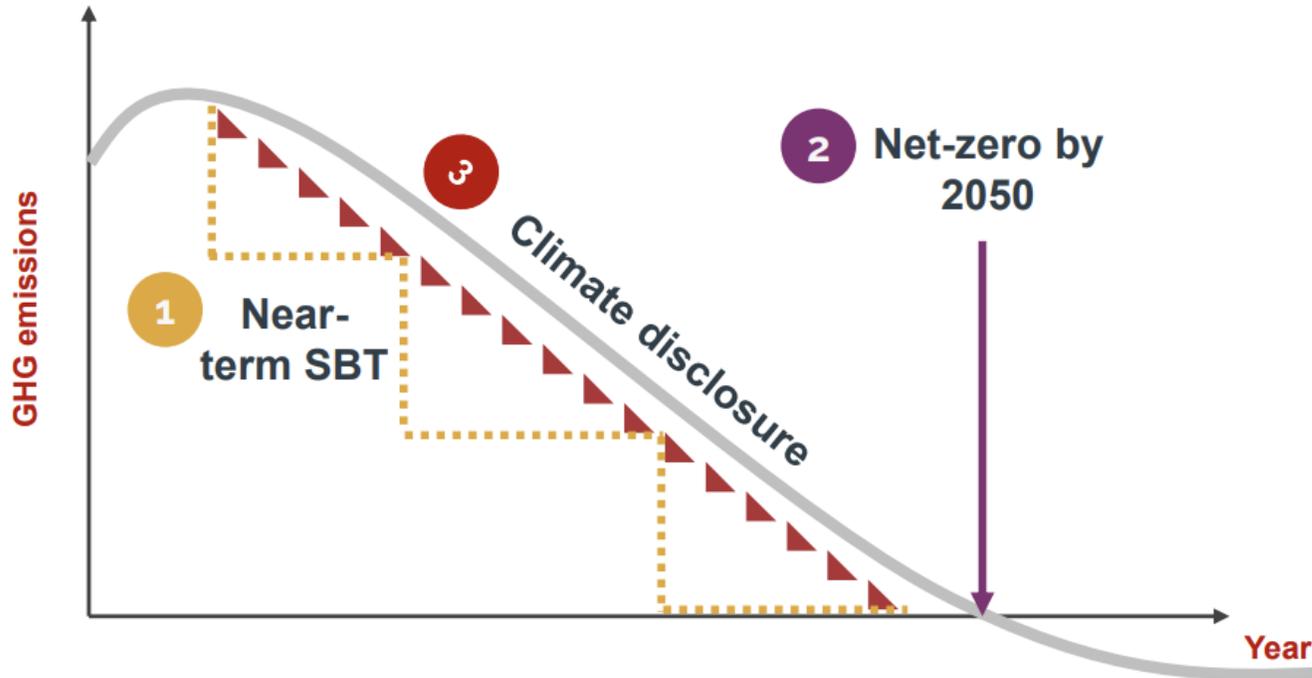


PL19, N=160, %, Multiple Select

AUFSCHLUSS ÜBER RESILIENZ VON STRATEGIE & GESCHÄFTSMODELL IN BEZUG AUF DEN KLIMAWANDEL

	Total	DAX 40	MDAX	SDAX
Maßnahmen zur Steigerung der unternehmensweiten Klimaresilienz	23	43	22	13
Resilienz ggü. physischen Klimarisiken	23	33	24	16
Resilienz ggü. Klima-Übergangsrisiken	17	28	18	10
Klimaresilienz von Unternehmensstrategie/ Geschäftsmodell	15	25	18	7
Maßnahmen zur Stärkung der Lieferketten-Resilienz	9	20	8	3
Maßnahmen zur Resilienzsteigerung in betroffenen Gemeinden	6	13	8	1
Finanzierung von Klimaanpassungs- und Resilienzinitiativen	6	18	0	3
Keine Informationen	69	48	68	81

Science-based targets (SBTs) are the only credible approach to target setting



- 1 (Near-term) science-based target:** Ensures that the company is taking near-term action to reduce emissions at a pace that is consistent with keeping warming below 1.5°C;
- 2 Long-term net-zero commitment:** A net-zero commitment provides clarity about the direction that the company will follow and serves as a north-star for long-term strategic and investment decisions;
- 3 Annual disclosure:** Climate disclosure gives visibility on how the climate strategy is being implemented within the company and provides transparency on progress against targets



Sectoral guidance for carbon-intensive sectors



Aviation

- ▼ SDA being updated to 1.5°C
- ▼ [SBTi's Aviation webpage](#)



FLAG (Forest, Land Use, and Agriculture)

- ▼ SDA (finalized and required*)
- ▼ [SBTi's FLAG webpage](#)



Buildings

- ▼ SDA under development for buildings' in-use and embodied emissions
- ▼ [SBTi's Buildings webpage](#)



Maritime

- ▼ SDA under development
- ▼ Please see [draft maritime guidance](#) for more information



Cement

- ▼ SDA available for 1.5°C alignment
- ▼ [SBTi's Cement webpage](#)



Power Generation

- ▼ SDA available for 1.5°C alignment
- ▼ [SBTi's Power Sector webpage](#)



Chemicals

- ▼ Sub-sector SDA pathways and guidance being developed for high-impact chemicals
- ▼ [SBTi's Chemicals webpage](#)



Steel

- ▼ SDA being updated to 1.5°C
- ▼ [SBTi's Steel webpage](#)



Financial Institutions

- Framework available for banks, investors, insurance companies, pension funds and others to set 1.5C-aligned near-term targets covering lending and investment activities
- ▼ [SBTi's Financial Institutions webpage](#)



Transport & Transport OEMs

- SDA needs to be updated to 1.5°C but project timeline is not yet defined
- ▼ [SBTi's Transport webpage](#)

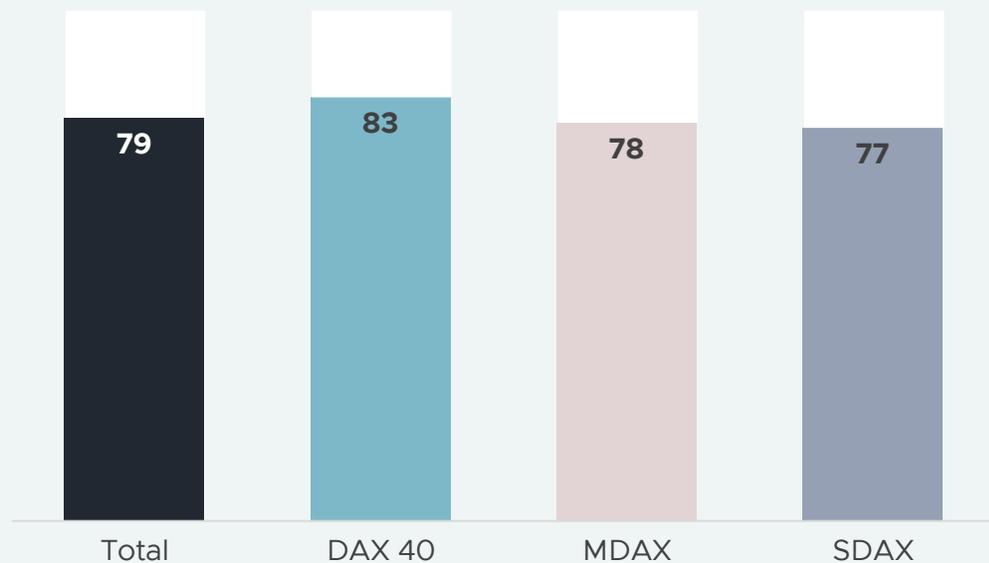


4.
MAßNAHMEN, RISIKEN & CHANCEN

MAßNAHMEN: ÜBERBLICK & FORTSCHRITT

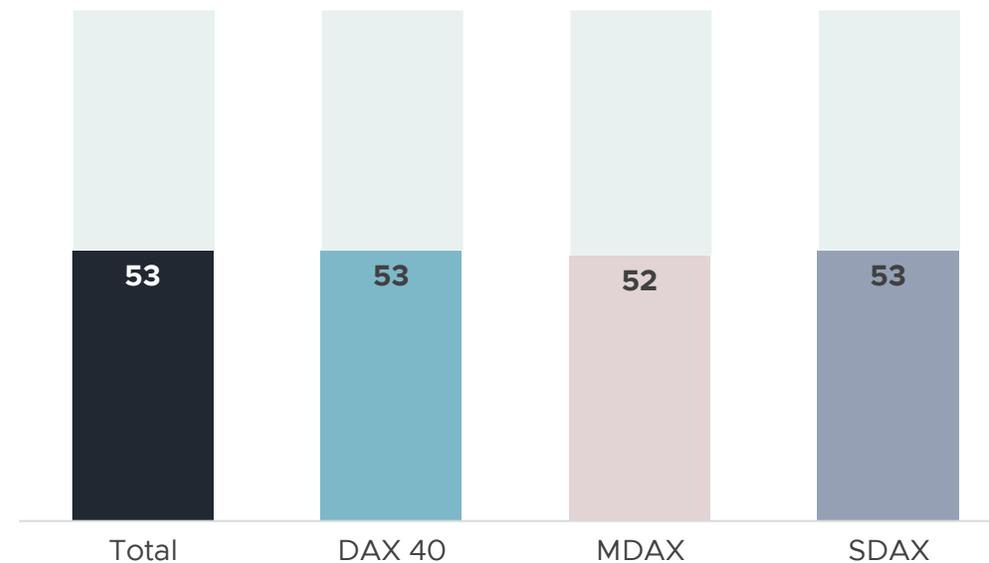
PL15, N=160, %, Single Select

LISTE DER WICHTIGSTEN MAßNAHMEN, DIE IM BERICHTSJAHR IM ZUSAMMENHANG MIT DER EINDÄMMUNG DES KLIMAWANDELS UND DER ANPASSUNG AN DEN KLIMAWANDEL ERGRIFFEN WURDEN



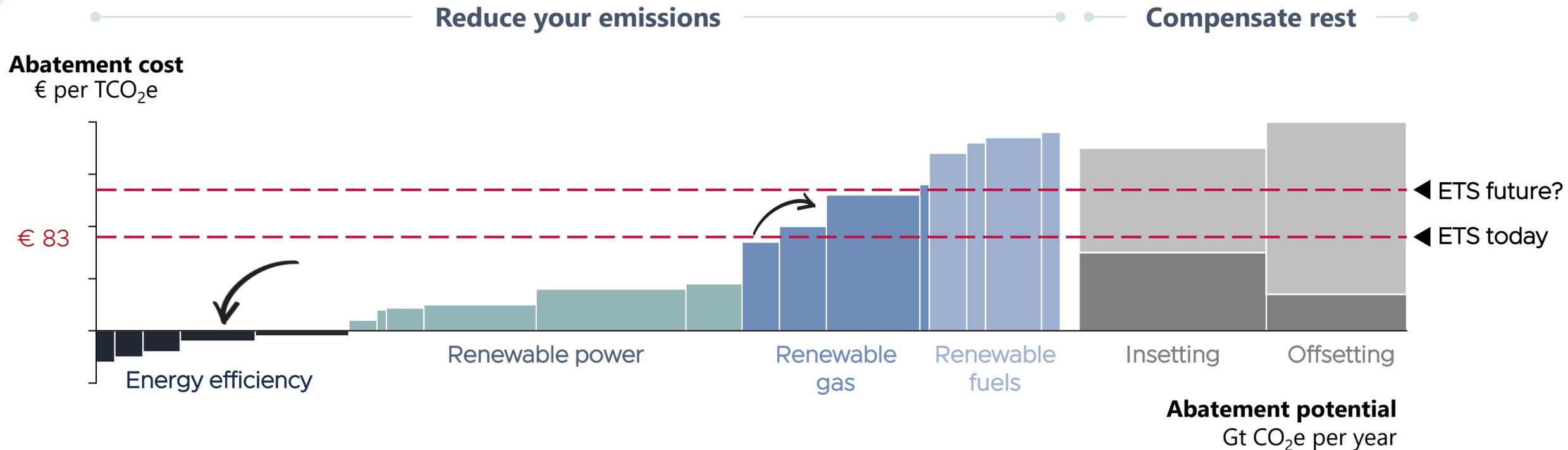
PL16, N=160, %, Single Select

QUANTITATIVE UND QUALITATIVE INFORMATIONEN ÜBER DEN FORTSCHRITT DER IN FRÜHEREN BERICHTSZEITRÄUMEN VERÖFFENTLICHTEN PLÄNE



Meet your climate ambitions in the most cost-efficient way

The Marginal Abatement Cost Curve (MACC) helps understanding the cost of emission reductions within your organization





5.
FINANZIELLE AUSWIRKUNGEN

BENEFITS OF DISCLOSURE



2.1 trillion

USD

in potential climate-related **opportunities** identified by 225 companies



1 trillion

USD

in potential climate-related **risks** identified by 215 of the world's biggest companies



19%

easier access to capital from investors for firms who disclose to CDP

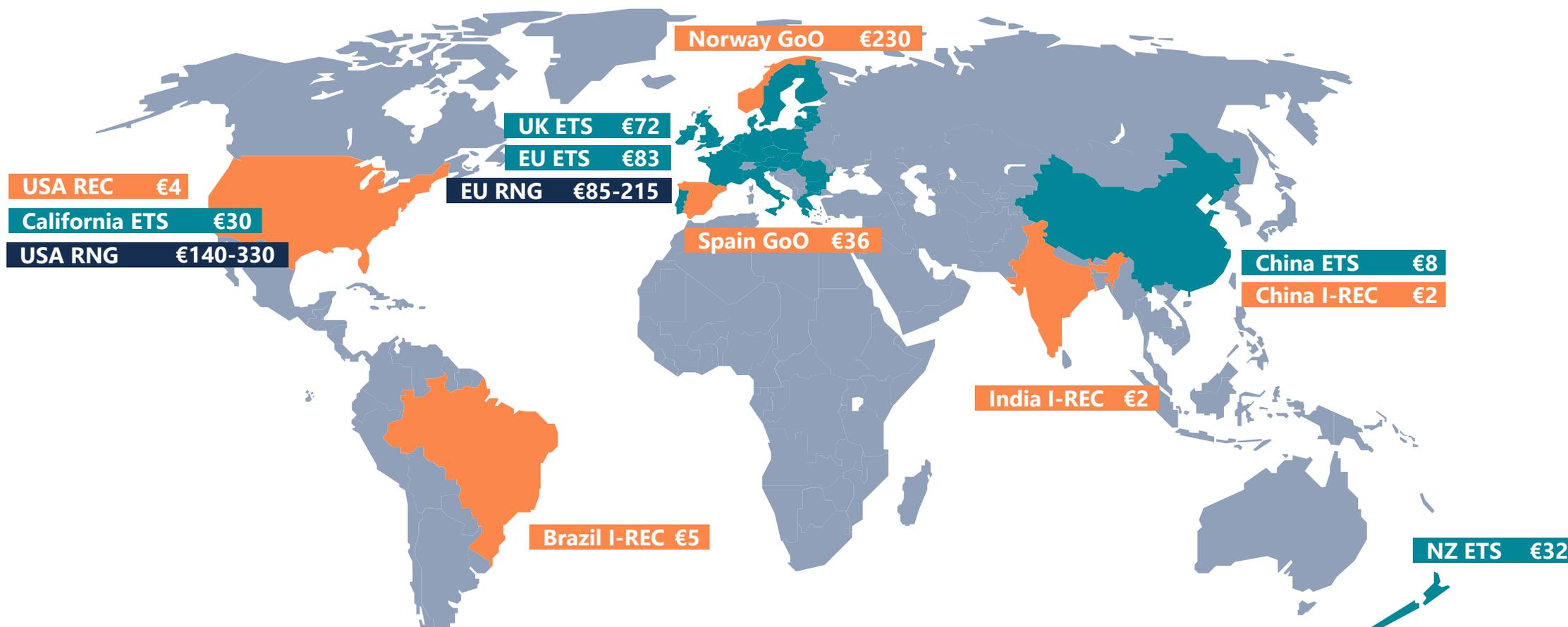
The Role of CDP Disclosure to Improve Access to Capital, Millani Research Note, October 2019



5.8%

outperformance of CDP Climate Change A List companies compared from 2011 to 2021

Environmental markets are global, with wildly diverging prices



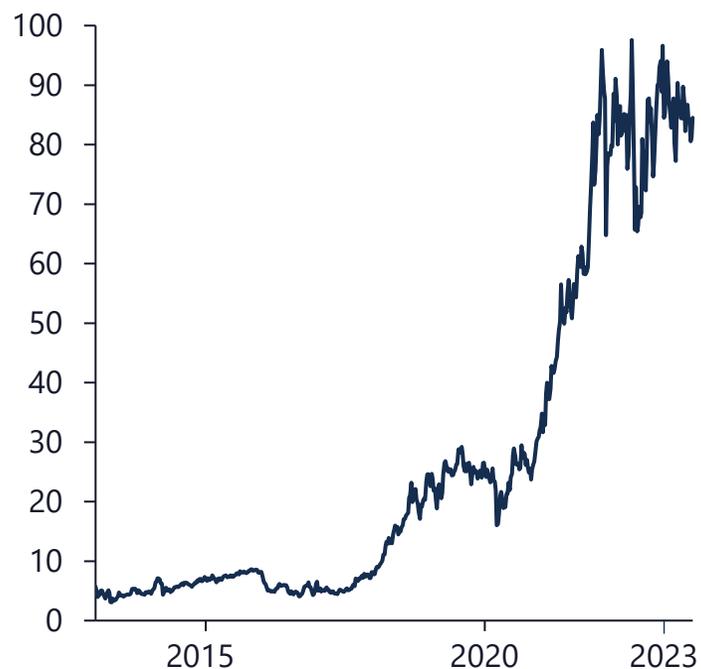
EAC Cost to abate 1 tCO₂ through EAC taking national grid intensity into account
ETS National cost for ETS allowance, equal to 1 tCO₂ emissions
RNG Cost to abate 1 tCO₂ through replacing Natural Gas with Biomethane, range depends on carbon intensity (CI) of biomethane product and CI of natural gas you are replacing

Growing demand is driving environmental commodity prices

Rising prices and significant volatility require increasing attention to the renewable markets

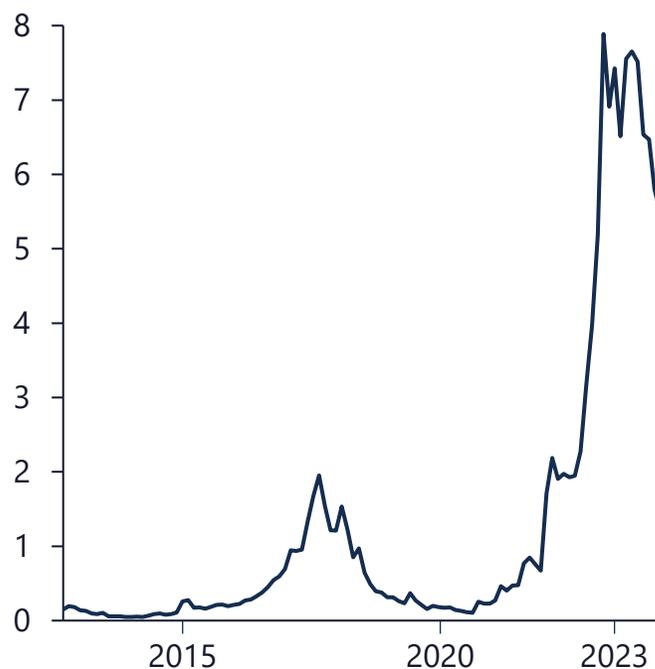
EU ETS price has grown

17x



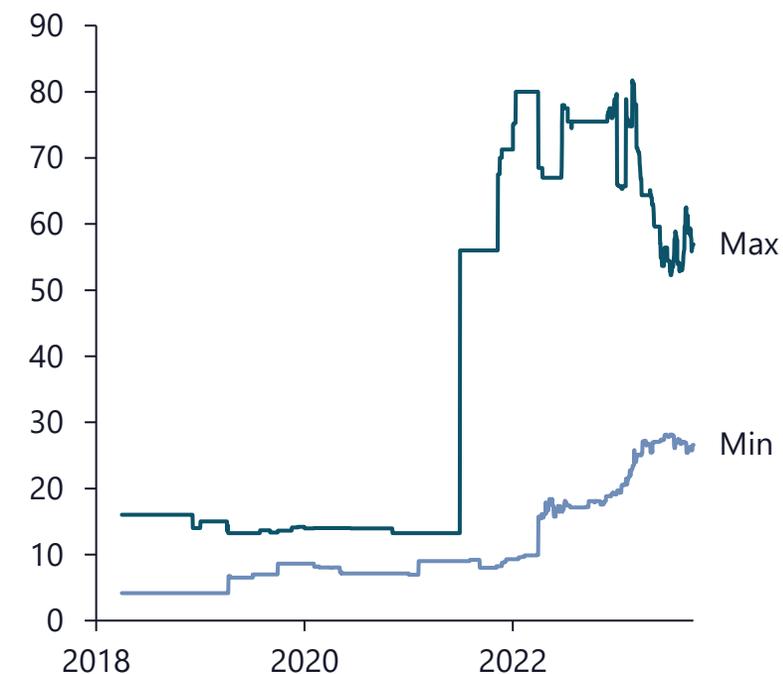
EAC GoO price has grown

>50x



Biomethane price has grown

4-10x



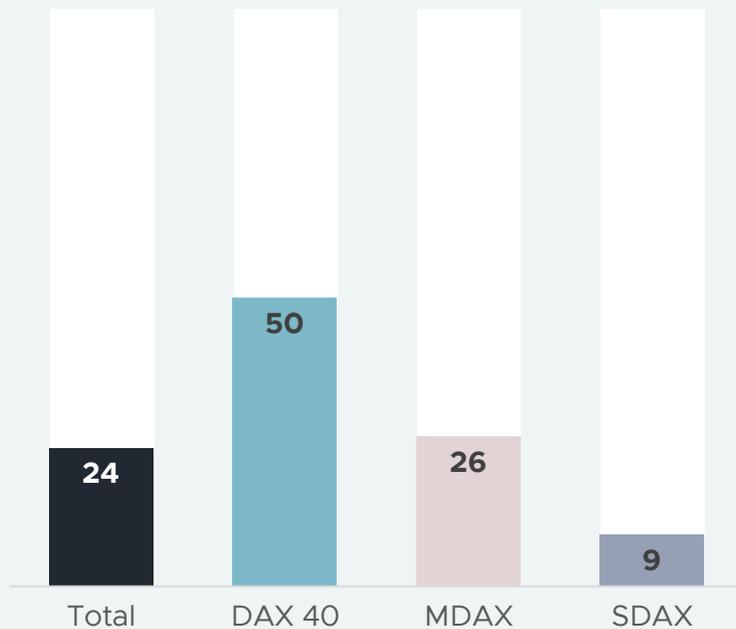


6. GOVERNANCE

KLIMABEZUGENE ANREIZE FÜR DAS MANAGEMENT

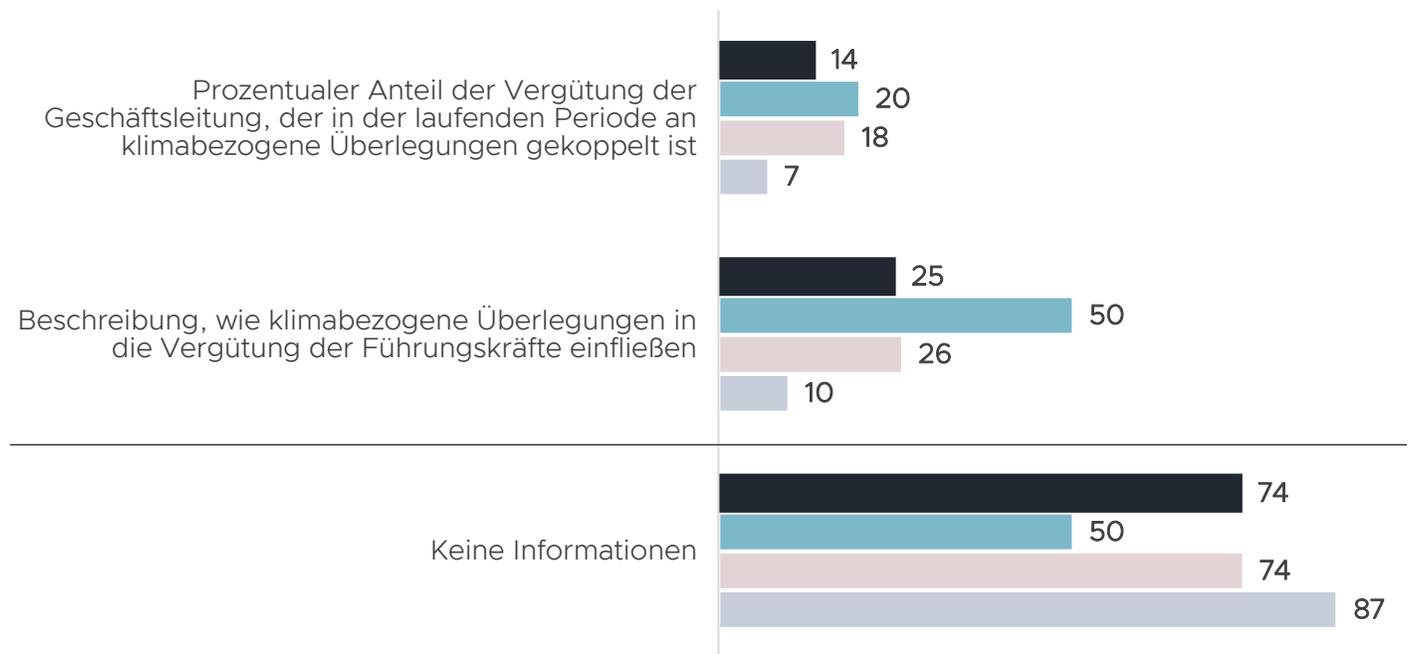
PL145, N=160, %, Single Select

OFFENLEGUNG KONKRETER KLIMALEISTUNGSZIELE, DIE IN DIE GESTALTUNG DER CEO-VERGÜTUNG EINFLIEßEN

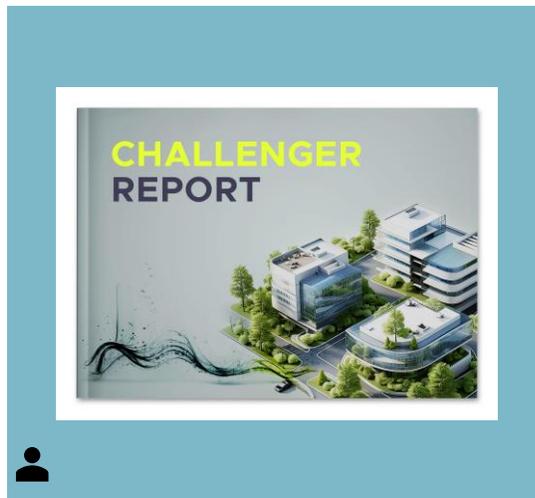


PL144, N=160, %, Multiple Select

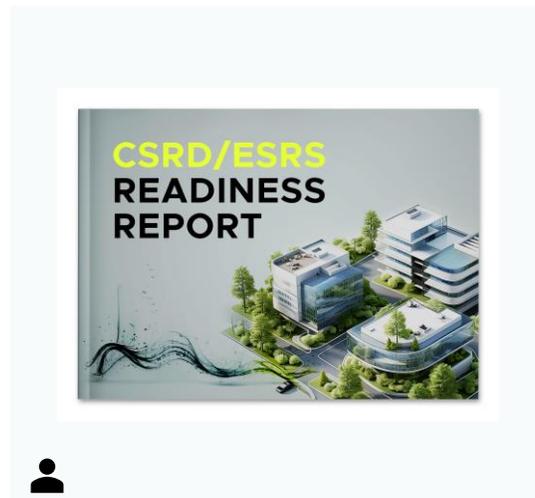
INFORMATIONEN ÜBER DIE BRANCHENÜBERGREIFENDEN METRISCHEN KATEGORIEN DER VERGÜTUNG



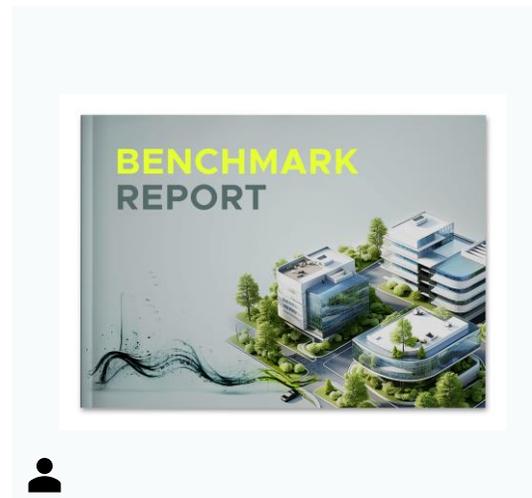
DIE REPORTS



Unser **Challenger Report** bietet einen kurzen Überblick über die wichtigsten Ergebnisse aller Unternehmen, die an unseren Awards teilnehmen. Er spiegelt die Gesamtleistung sowie die individuelle Leistung in allen Schlüsseldimensionen wider.



Unser **CSRD and ESRS Readiness Report** zeigt Ihnen den Erfüllungsgrad der CSRD/ESRS-Vorgaben auf. Zusätzliche Machbarkeitsbewertungen bilden eine wichtige Grundlage für die Erstellung einer Roadmap und zur Vermeidung regulatorischer Risiken.



Unser **Benchmark-Bericht** enthält eine branchenspezifische Analyse, die es Ihnen ermöglicht, Ihre Leistung im einzuschätzen. Er liefert Sektor-Durchschnittsdaten und andere Referenzpunkte, um Ihre Leistung innerhalb Ihrer Peergroup besser einzuordnen.



Unser **Official Report** bietet deskriptive Daten zu verschiedenen Stichproben und zeigt den aktuellen Stand sowie Stärken und Schwächen in der nichtfinanziellen Berichterstattung. Er stellt nur die Spitze des Eisbergs der umfassenden Daten dar, die wir zur Verfügung stellen können.

 Für jedermann erhältlich

 Auf Anfrage erhältlich

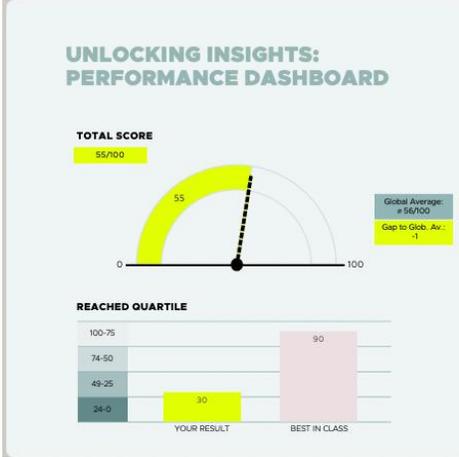
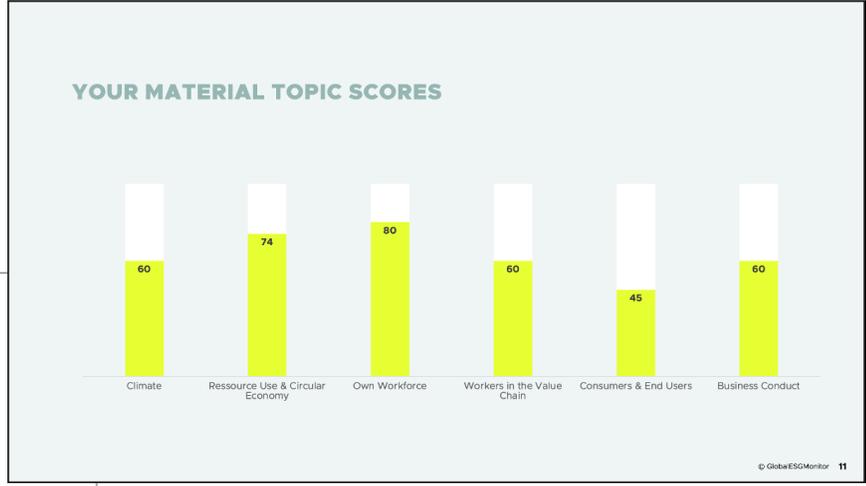
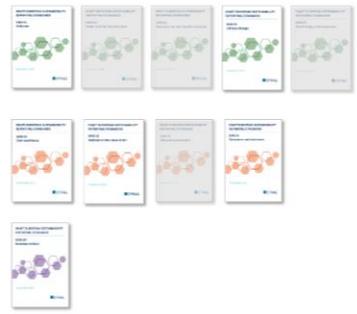


MATERIAL TOPICS

CON01_3, N=X, %

YOUR MATERIAL TOPICS

- Climate
- Ressource Use & Circular Economy
- Own Workforce
- Workers in the Value Chain
- Consumers & End Users
- Business Conduct



ANNUAL REPORT | ESG REPORT

REPORTING SCOPES

INFR	No. of Pages
Scope INFR	1
Maximum	389
Median	30
Minimum	0

SNFR	No. of Pages
Scope SNFR	73
Maximum	499
Median	89
Minimum	1

STREAMLINING REPORTING: ACHIEVING COMPLIANCE WITH HARD & SOFT LAWS – SELECTED DATA

Folgende Reporting-Gesetze werden im Bericht referenziert

Law	Sample Company	Erfüllungsgrad (%)
EU Taxonomy	✓	20
CSRD/ESRS	✓	25

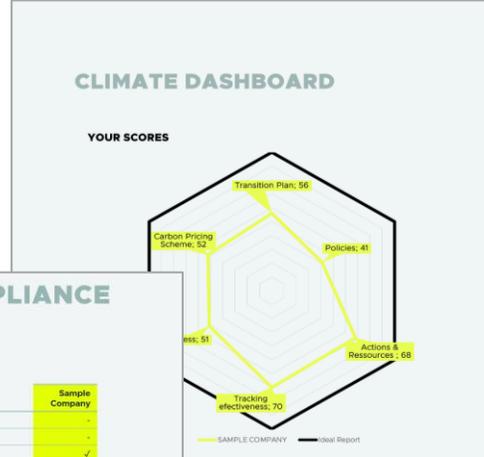
Standardisierung des Berichtes

Standard	Sample Company	Erfüllungsgrad (%)
GRI	✓	40
IFRS 2	✓	35
TCFD	✓	40

3 Zahl der referenzierten Rahmenwerke

Verpflichtung zur Agenda 2030

SDG	Sample Company
SDG 1: Keine Armut	-
SDG 2: Kein Hunger	-
SDG 3: Gute Gesundheit und Wohlergehen	✓
SDG 4: Hochwertige Bildung	✓
SDG 5: Geschlechtergleichstellung	✓
SDG 6: Sauberes Wasser und Sanitäreinrichtungen	✓
SDG 7: Bezahlbare und saubere Energie	✓
SDG 8: Menschenwürdige Arbeit & Wirtschaftswachstum	-
SDG 9: Industrie, Innovation und Infrastruktur	✓
SDG 10: Weniger Ungleichheiten	-
SDG 11: Nachhaltige Städte und Gemeinden	-
SDG 12: Verantwortungsvolle Konsum- & Produktionsmuster	-
SDG 13: Maßnahmen zum Klimaschutz	✓
SDG 14: Leben unter Wasser	-
SDG 15: Leben an Land	-
SDG 16: Frieden, Gerechtigkeit & starke Institutionen	✓
SDG 17: Partnerschaften zur Erreichung der Ziele	✓



BEST IN CLASS SCORES

LISTED FEATURES	Best in Class
Transition Plan	56
Policies	41
Actions & Resources	68
Tracking effectiveness	70
Progress	51
Carbon Pricing Scheme	52

Q&A





ESGeht um...

Impact

Integrität

Die Besten

ESGeht um Mitmachen

Measuring and Rewarding

ESG transparency worldwide

**The Integrity Star Summit &
Award by Global ESG Monitor**

11. & 12. SEPTEMBER 2024

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