

# CLIMATE TRANSITION PLAN 2040

Our pathway to Net Zero

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# Disclaimer

This presentation contains forward-looking statements. Forward-looking statements may include, in particular, statements about future events, future financial performance, plans, strategies, expectations, prospects, competitive environment, regulation and supply and demand. Statements with respect to the future are characterized by the use of words such as "expect", "intend", "plan", "anticipate", "believe", "estimate" and similar terms. Forward-looking statements are based on our current assumptions and forecasts. These statements naturally entail risks and uncertainties, which may cause the actual results of operations, financial position or performance to diverge materially from the estimates given here. Factors that could cause such a divergence include, inter alia, changes in the economic and business environment, fluctuations in exchange rates and interest rates, launches of competing products, poor acceptance of new products or services, and changes in business strategy. Given these uncertainties, readers should not put undue reliance on any forward-looking statements. We undertake no obligation to update or revise any forward-looking statements.

# The climate crisis is a fundamental challenge for humanity



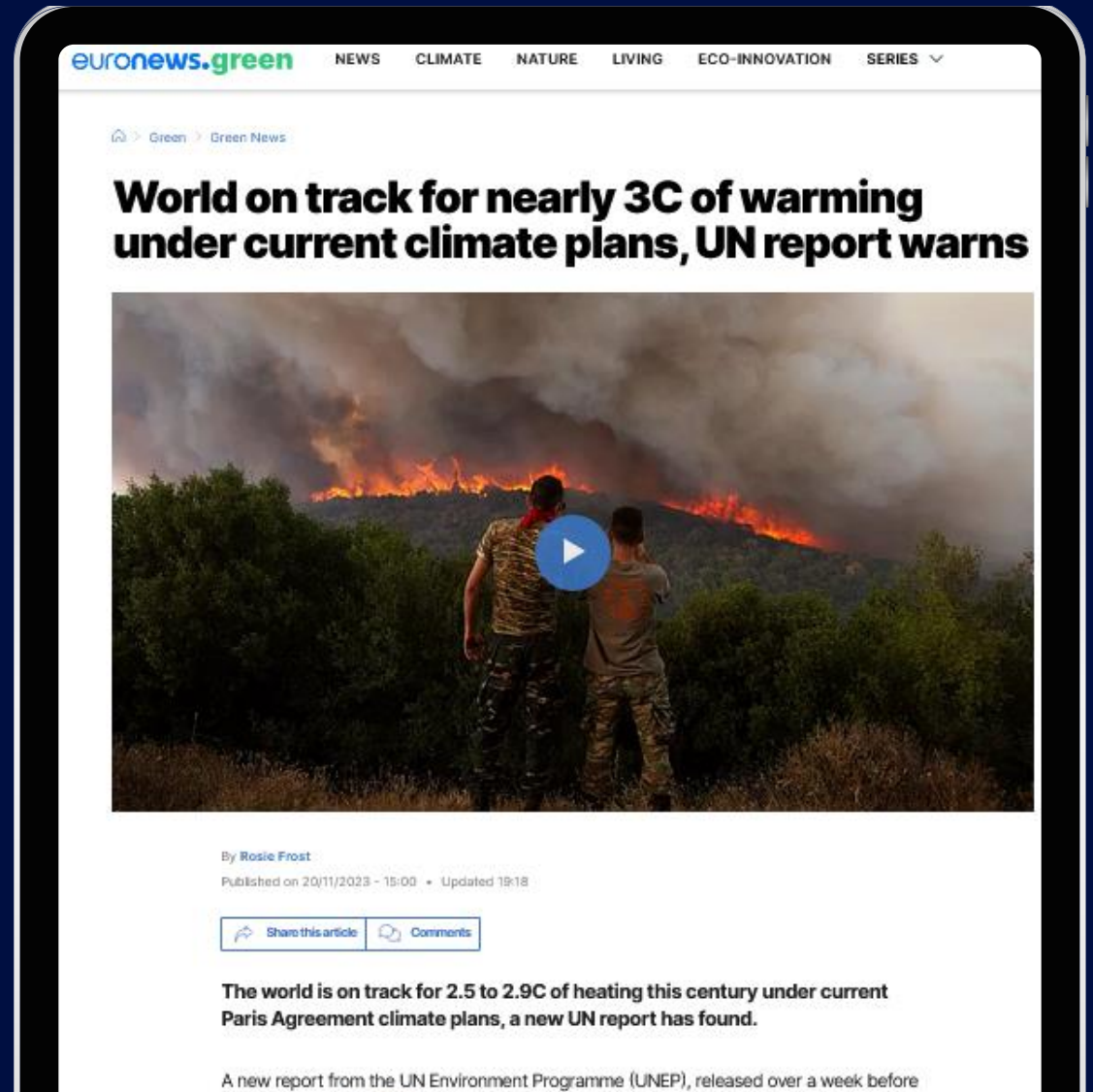
2023 is the **warmest year** on record



Growing threat from **extreme weather events**



Rapid and **consistent action** required to achieve Paris climate targets



# Decarbonization is not possible without engineering expertise



Mechanical engineering is a **sustainability enabler** at the interface of many energy-intensive industries



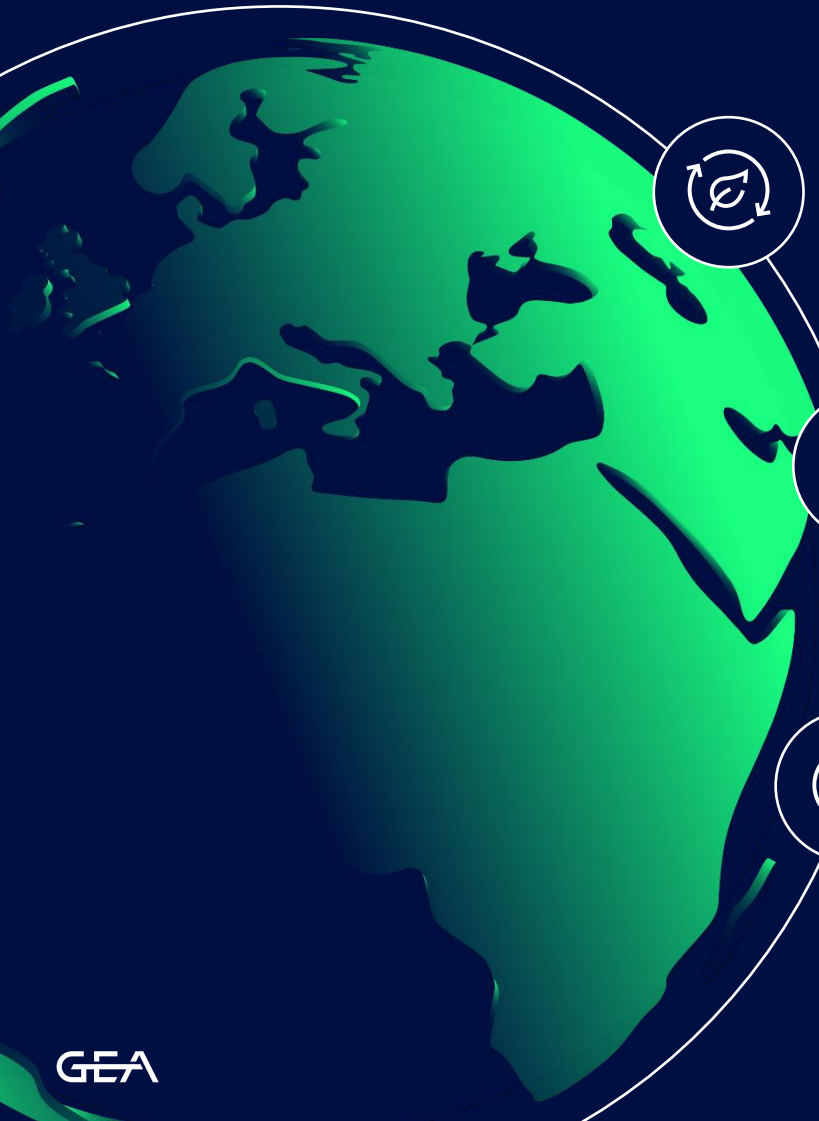
**Innovative technologies** and **solutions** play a decisive role in addressing climate change



We can make a positive difference with **engineering expertise** - and that motivates us!



# GEA: Leading global technology group and sustainability pioneer



Our purpose:  
**Engineering for a better world**



Our conviction: Climate protection is a **key priority** and **business opportunity** for GEA



Our aim: Contribute to the **decarbonization** of the energy-intensive **food industry**

## KEY ACHIEVEMENTS



Introduction of **climate strategy** in June 2021



**Net Zero 2040** and SBTi-validated targets for 2030



**Sustainability criteria** for suppliers introduced in 2022



Purchasing **100% green electricity** since 2022



Transition to **e-mobility** for company cars



Since 2022 **emission targets** part of **Executive Board remuneration**

# Recognition for our sustainability leadership

**ISS:**  
Prime Status<sup>1</sup>



**German Sust. Award:**  
Finalist

2023: Finalist for the  
**German Sustainability  
Award**

**MSCI:**  
„AAA“-Rating<sup>2</sup>



**Sustainalytics:**  
Low Risk



**CDP:**  
Climate A List



**DJSI Europe & World:**  
Member

Member of  
**Dow Jones  
Sustainability Indices**  
Powered by the S&P Global CSA

**EcoVadis:**  
„Gold“-Rating



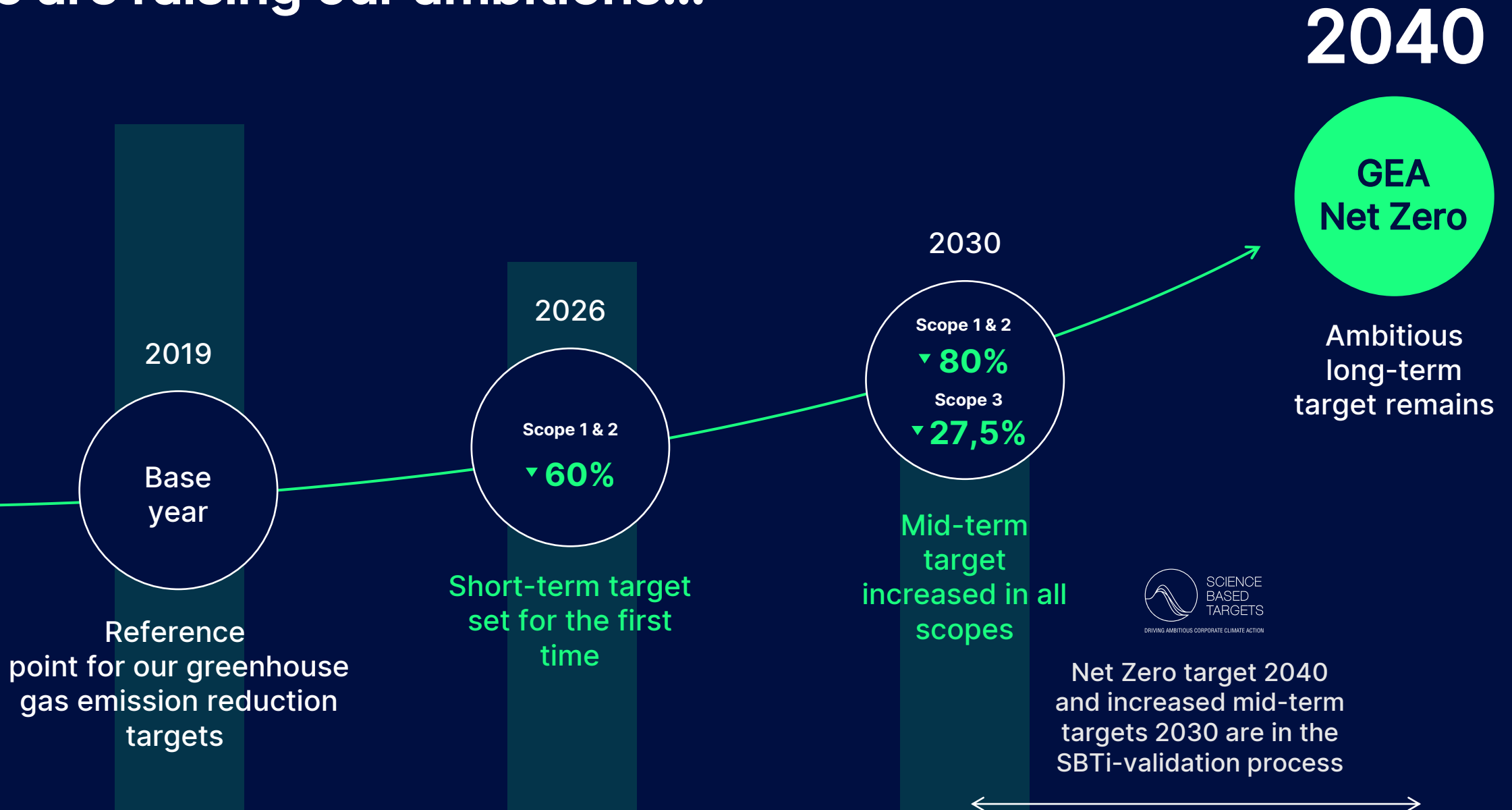
**Sustainalytics:**  
Top Rated



<sup>1</sup> In September 2022, GEA's "Prime Status" (leading in the industry index group) was confirmed in the ISS ESG Corporate Rating. <sup>2</sup> In 2023, GEA received an "AAA" rating (on a scale of AAA-CCC) in the MSCI ESG Ratings. **Disclaimer Statement:** The use by GEA of any MSCI ESG Research LLC or its affiliates ("MSCI") data, and the use of MSCI logos, trademarks, service marks or index names herein, do not constitute a sponsorship, endorsement, recommendation, or promotion of GEA by MSCI. MSCI services and data are the property of MSCI or its information providers, and are provided 'as-is' and without warranty. MSCI names and logos are trademarks or service marks of MSCI.

BUT WE'RE NOT  
STOPPING HERE

# We are raising our ambitions...





... and we let our shareholders vote



## ANNUAL GENERAL MEETING 2024

GEA first company in  
the DAX index family  
with Say on Climate vote



Say on Climate: We give our **shareholders** a **say** on our climate protection activities



We will present our **Climate Transition Plan 2040** to our shareholders at the upcoming **Annual General Meeting**



Our shareholders will be asked to approve this plan as part of a **consultative vote**

# Why this step is so important to us



We emphasize the importance of **climate protection as a central element** of GEA's strategic direction

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We are making our climate protection **activities** even more **transparent** and **tangible**

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We are actively involving our **shareholders** on the pathway to Net Zero





# HOW WE REACH OUR GOAL

# Wide-ranging action plan being implemented



**Taking** a public **stance**



Holding the **value chain** accountable



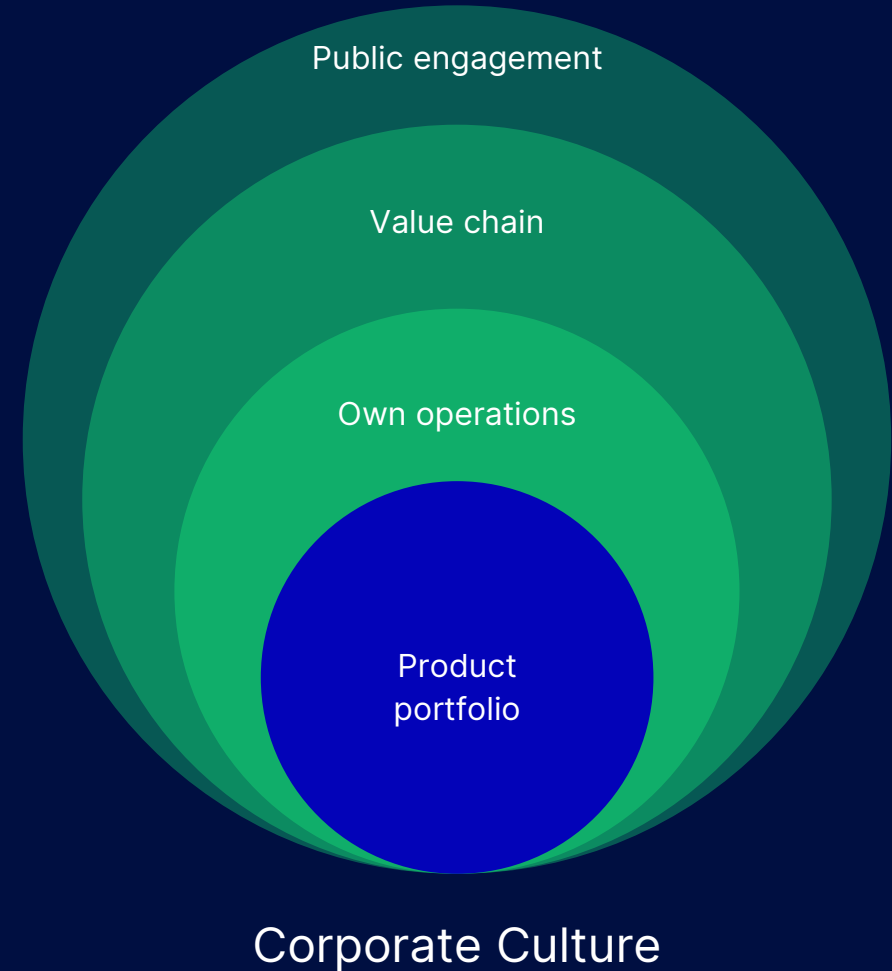
Transformation of our own **operations**



Transformation of our **product portfolio**



Our **corporate culture** is the backbone





## SCOPE 3



**Scope 3:** General challenge for mechanical engineering sector



Our customers' production processes tend to be **very energy-intensive**



Long **lifetime** of machinery leads to high emissions in product use phase

## Scope 3: Important levers



Roll-out  
Add Better products



Implementation of  
Add Better Consulting



Electrification of  
our products



Product innovation  
around climate  
protection



Digital services



Sustainability  
requirements for  
suppliers

# Deep Dive: Add Better – resource-efficient customer solutions

Automated milking



up to **19%**  
less energy

Spray drying

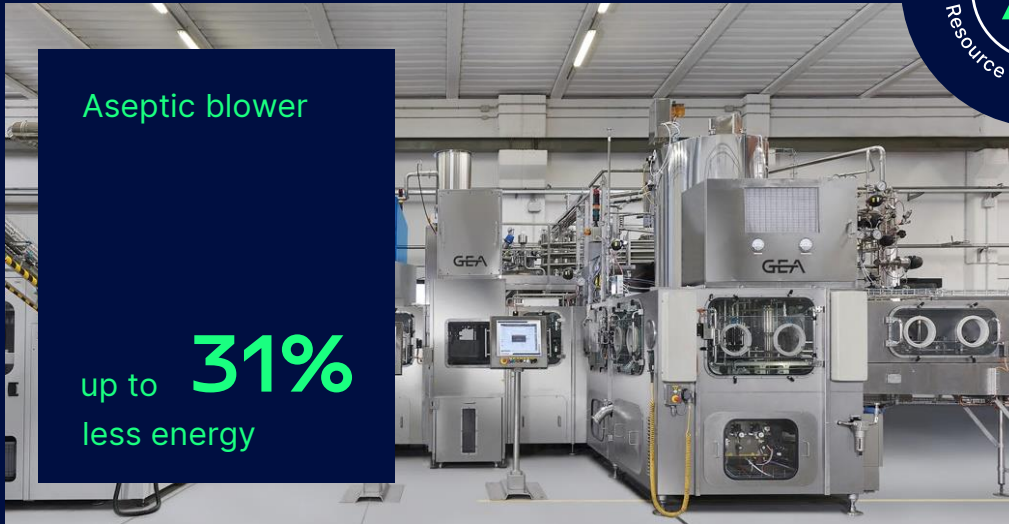


up to **49%**  
less energy



Aseptic blower

up to **31%**  
less energy



Marine separator

up to **9%**  
less energy



# Deep Dive: Decarbonization in the beverage industry



Prospering **industry** with expected annual production growth of around **5%** until 2028. Current estimated global production output: **EUR 0.95 trillion**<sup>1</sup>



**Sustainability** is one of the **top 3 decision-making criteria when awarding contracts** in this industry



GEA survey: More than 75% of companies want to **invest in sustainability** before 2026

<sup>1</sup> Source: Beverages - Worldwide | Statista market forecast



# Scope 1 & 2: Decarbonizing our sites worldwide



Total investments of EUR

~**175** million  
planned to decarbonize our sites by 2040



<sup>1</sup>Remaining vehicle fleet (functional vehicles) by 2040, possibly earlier if taking into account technical developments in the automotive industry.

<sup>2</sup>This includes both owned renewable energy plants and those financed by GEA, such as photovoltaic or wind power plants.



# Deep Dive: Photovoltaic Park Hachen



We are expanding our own generation<sup>1</sup> of **renewable electricity**



Starting in 2024 we will finance a **photovoltaic park** on GEA-owned land in Hachen, Germany

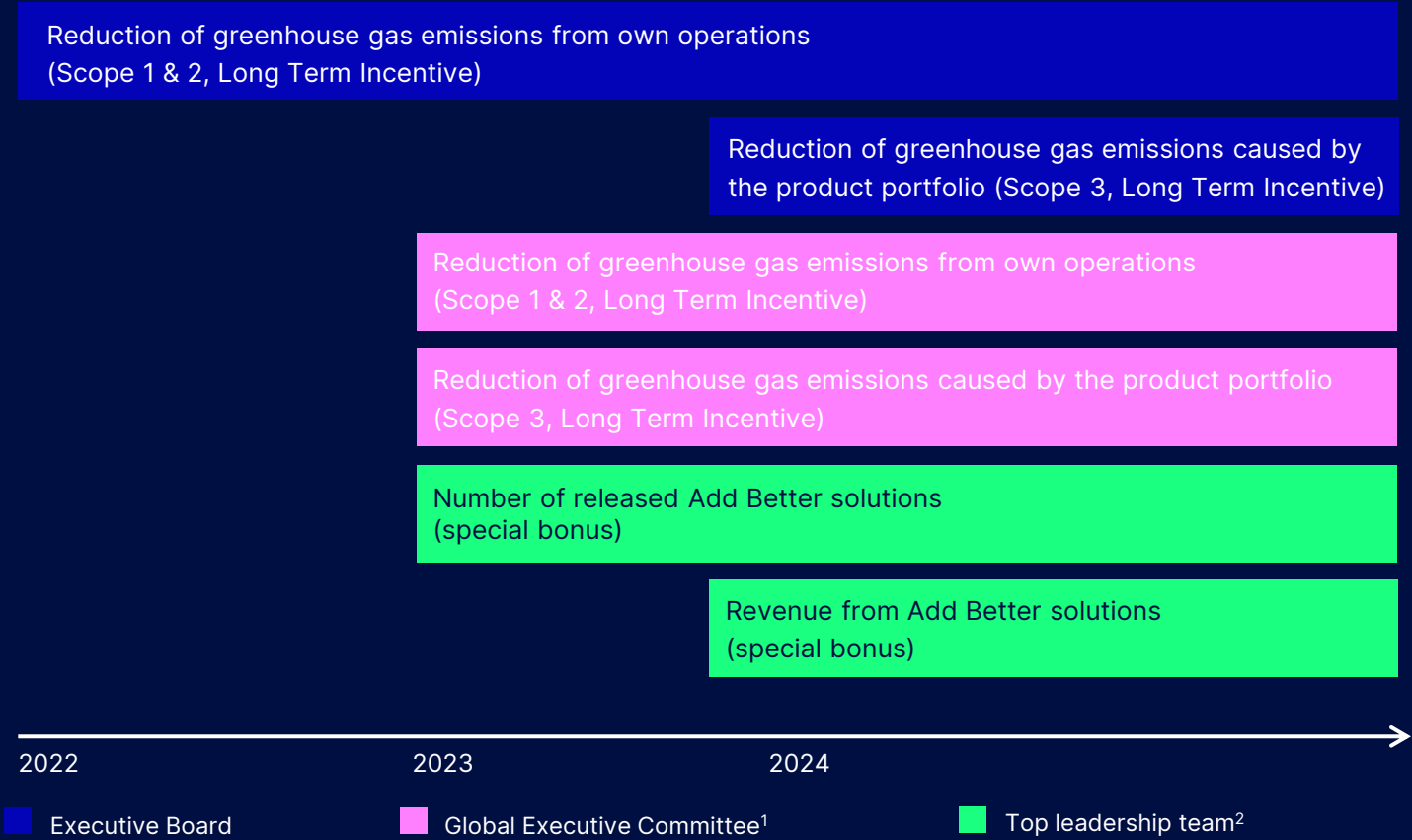


This will enable us to generate up to **18% of our electricity requirements** in Germany by ourself

<sup>1</sup>This includes both owned renewable energy plants and those financed by GEA, such as photovoltaic or wind power plants.

# OUTLOOK

# Engagement for Climate Transition Plan 2040: Targets embedded in Executive Board and top leadership remuneration



<sup>1</sup>The Global Executive Committee (GEC) is the management body comprising the Division CEOs, Regional CEOs, Chief Sustainability Officer and the Chief Human Resources Officer, alongside the members of the Executive Board | <sup>2</sup>Comprises around 150 top managers



# Next steps

December 12, 2023



Announcement:  
Climate Transition  
Plan 2040 and Say on  
Climate vote

From January 2024



Scope 3 emission  
target integrated into  
Executive Board  
remuneration

March 7, 2024



Publication of the  
GEA Sustainability  
Report 2023



Publication of  
GEA's detailed  
Climate Transition  
Plan 2040

April 30, 2024



GEA Annual General  
Meeting /  
Say on Climate vote



# GEA's pathway to a sustainable future



The world needs more committed companies that **lead the way**.



Climate protection remains the most important **topic for the future**, and we continue to **set standards in our industry** in this area.



Our **machines, systems and processes** make a decisive contribution to a **net zero future**.



Engineering  
for a better  
world.