Leading Beyond Chemistry

Stefan Haver, Head of Sustainability

June 9, 2021





Sustainability is the backbone of our purpose

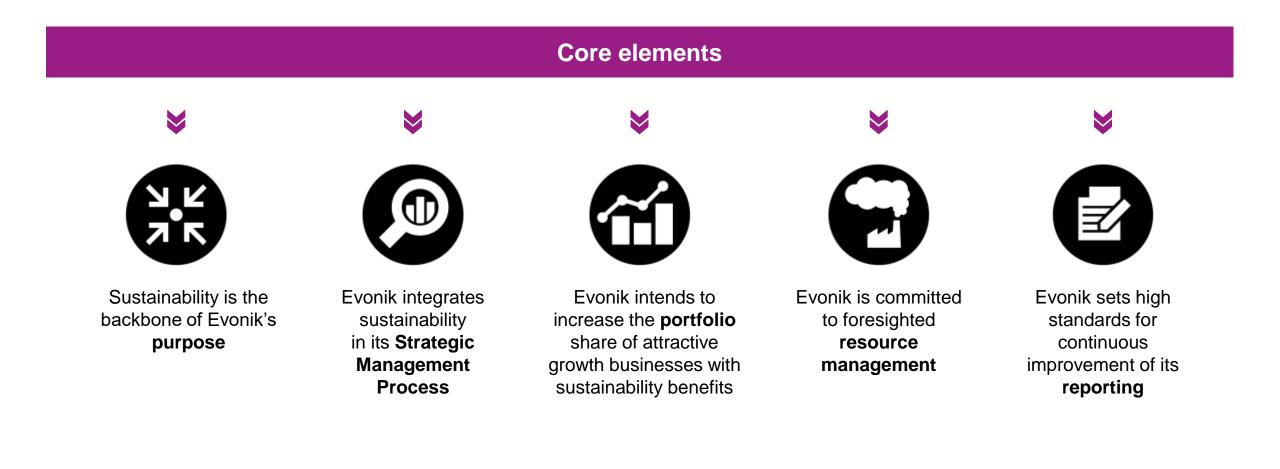


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LEADING ... Word leading specialty chemicals company 80% of sales are generated from leading market positions ... BEYOND ... Networking of expertise and perspectives Developing solutions together with partners **Sustainability** is a growth driver ... CHEMISTRY Clear focus on specialty chemicals A balanced spectrum of business activities, end-markets and regions We lead beyond chemistry because tomorrow's specialty chemicals have to be able to do more than chemistry

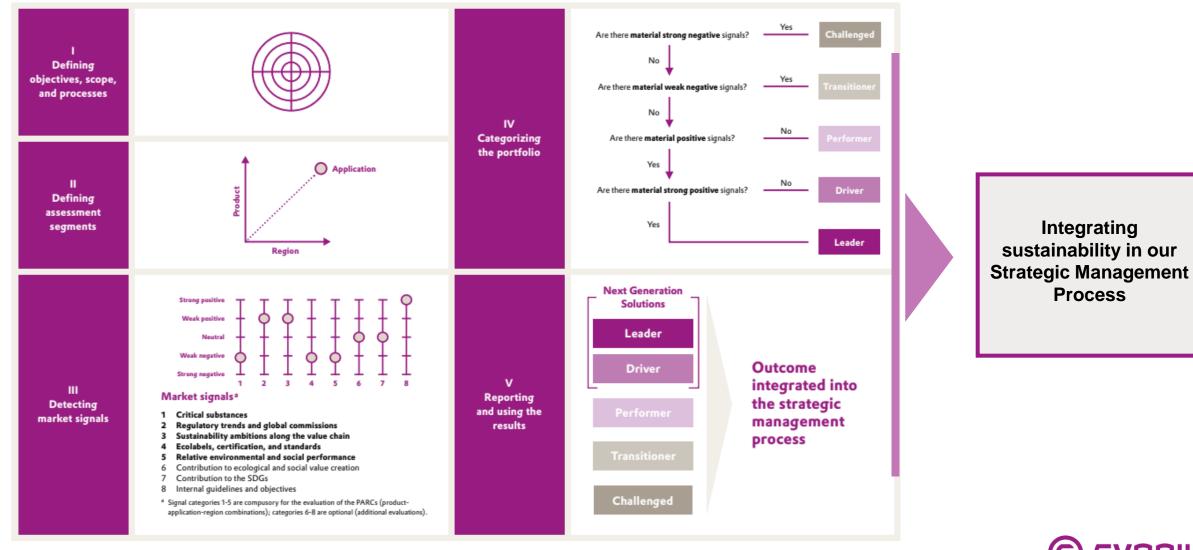


Our sustainability strategy 2020+



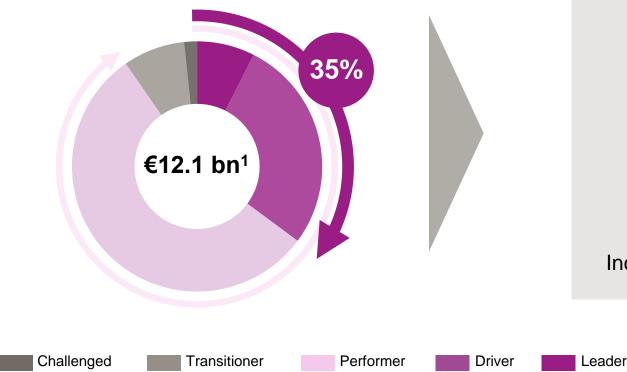


Sustainability analysis of our business



Leading Beyond Chemistry

2020: Analysis of complete portfolio with 326 PARCs





of sales with Next Generation Solutions²

- addressing globally increasing demand for sustainable solutions
- delivering above-average growth

Target for FY 2021 ff.

Increasing share of sales with Next Generation Solutions

1) 2019 external sales excl. Services, Corporate & Others | 2. "Next Generation Solutions" include "Leader" (A++) and "Driver" (A+) products and solutions 5 | Public | Sustainability | Leading Beyond Chemistry, June 2021



Next Generation Solutions – growth drivers in our portfolios

Biosurfactants



Biosurfactants used in personal and household care applications

Evonik's superiority to market

 Evonik only company to produce bio-based surfactants on an industrial scale

> Growth >10%



Food stays fresh for longer due to O_2 absorbing packaging

Evonik's superiority to market

 Evonik only provider of additive to capture oxygen molecules inside of packages to keep them fresh longer and reduce global food waste
 Growth >5%



Improving Lithium-Ion-

Batteries

High-performance separators for more powerful batteries

Evonik's superiority to market

 Evonik's high-quality pure silica and metal oxides increase safety, lifetime and performance of batteries for EVs

Growth >20%

Superinsulation



Purely mineral high-performance insulation material

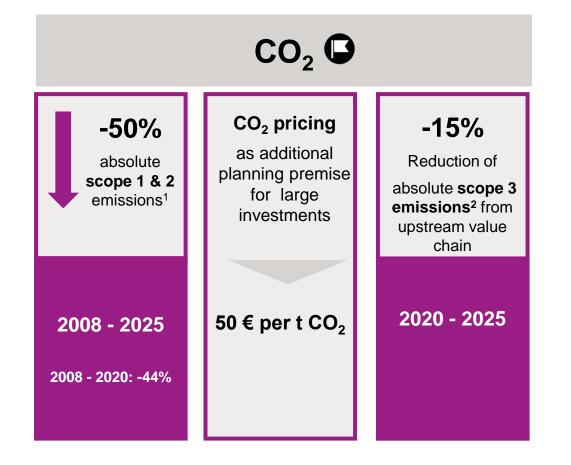
Evonik's superiority to market

 Silica-based insulation material which is fully recyclable and incombustible for sustainable housing

> Growth >20%



Our sustainability strategy – combatting climate change





Joint project by Siemens Energy and Evonik on artificial photosynthesis to close carbon dioxide cycle

Generation of high-value specialty chemicals from carbon dioxide and eco-electricity

Pilot plant commissioned in Marl in fall 2020



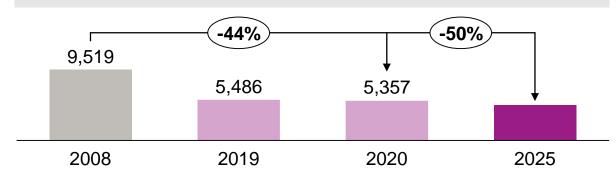


Reference base: 2008 2) Reference base: 2020
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New gas and steam turbine power plants in Marl



Scope 1 and Scope 2 emissions¹

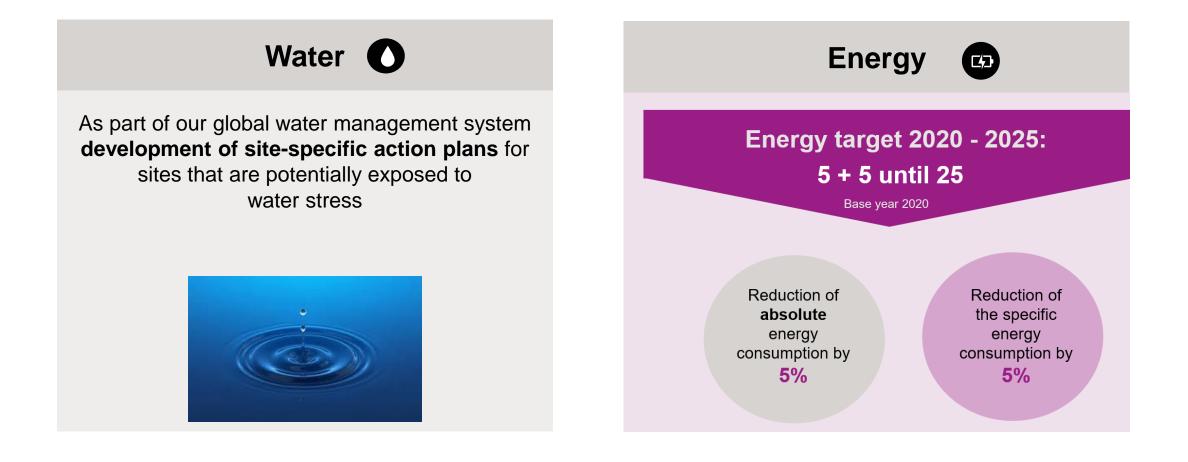


- Modernization of Evonik's power plant park as key element in achieving our targeted CO₂ reduction
- Replacement of last coal-fired power plant at Marl Chemical Park by a flexible gas and steam turbine power plant
- Total power output of 180 megawatts with an efficiency exceeding 90%
- Global scope 1 GHG emissions to be cut by ~20%, mainly due to annual reduction of 1 million metric tons CO₂
- Plant expected to come on stream by 2022 at the same time as a new gas and steam turbine reserve power plant



1) In thousand tons CO_2eq

Our sustainability strategy – ambitious environmental targets





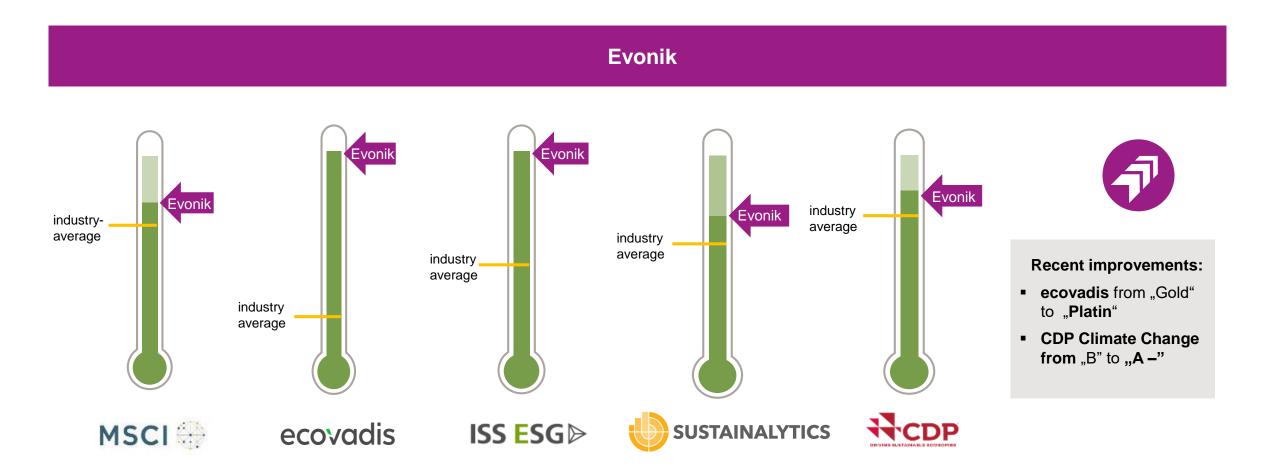
Our Top 10 sustainability targets

		Status 2020
Strategy and growth	 At least 35 percent of sales should come from Next Generation Solutions 	35%
Governance and compliance	 Percentage of women at the first and second management levels below the executive board: 30 percent at each level by year-end 2024 	26.9% / 26.3%
Value chain and products	 100 percent of all raw materials suppliers where annual procurement volume is > €100 thousand to be covered by TfS assessments by year-end 2025 Generate more than €1 billion in additional sales¹ in our six innovation growth fields by 2025 	73% €350 m
The environment	 Reduce green house gas emissions absolute scope 1 and scope 2 emissions by 50 percent by 2025 (reference base: 2008) absolute scope 3 emissions from the upstream value chain—principally from the "carbon backpack"—by 15% by 2025 (reference base: 2020) Reduce both absolute and specific engergy consumption by 5 percent by 2025 (reference base 2020) 	44%
Employees	 20 percent intercultural mix² in top management by 2023 23 percent women in top and senior management by 2023 	12.9% 15.9% / 14.2%
Safety	 Safety Accident frequency rate ≤ 0.26³ Incident frequency rate ≤ 0.40⁴ Occupational health performance index ≥ 5.0 	0.80 1.45 5.4

1) With products introduced in or after 2015 2) non-German Employees 3) New reference parameter from 2021 4) Modified calculation basis from 2021



Evonik well positioned in sector leading ratings and rankings





Our sustainability governance structure



Executive Board: overall responsibility for sustainability **Chief Human Resources Officer:** responsible executive board member

> Sustainability Council ensures close collaboration with the operating business

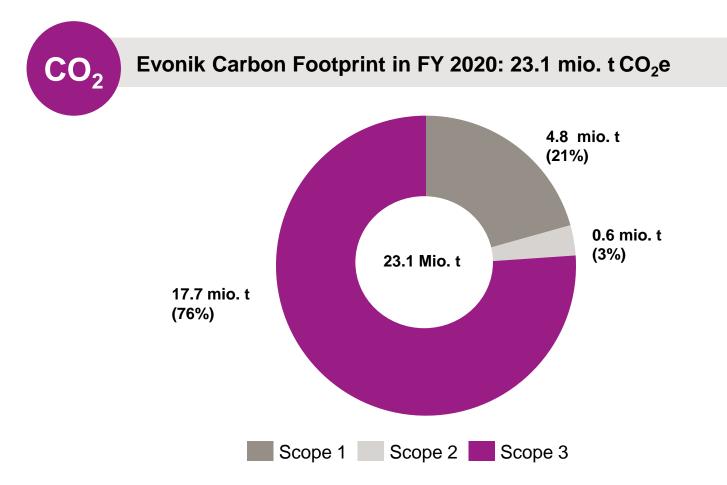
Thomas Wessel, CHRO executive board member responsible for sustainability

Sustainability Circle includes functions and units relevant to sustainability





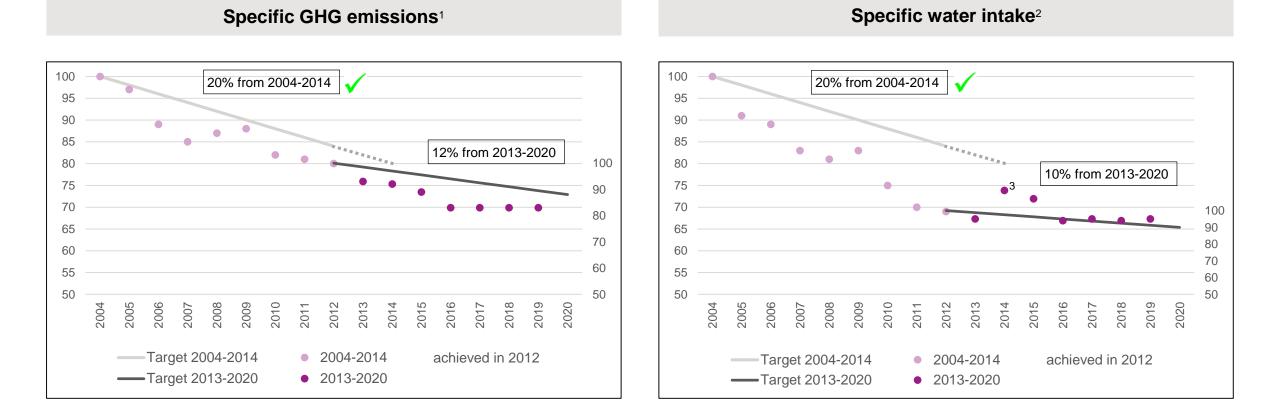
Our sustainability strategy – combatting climate change



- Strong commitment to "Paris Agreement on Climate Change" reflected in implementation and execution on environmental targets
- "Sustainability Strategy 2020+" targets reduction of -50% of Scope 1 & Scope 2 emissions¹ by 2025
- Reduction of absolute Scope 3 emissions² from the upstream value chain – mainly from the "carbon backpack" – by 15% by 2025
- Global CO₂ pricing used as additional parameter for investment decisions



Ambitious environmental targets 2004 – 2020



1) Energy- and process-related emissions as defined by the Greenhouse Gas Protocol, scope 2 emissions calculated using market-based method 2) Reporting on specific water intake has been recalculated retrospectively. Based on our regular analytical verification - checks on random samples of reported data and audits - gaps in reporting in one organizational unit were identified and corrected 3) Start-up of hydrogen peroxide facility in Jilin (China).

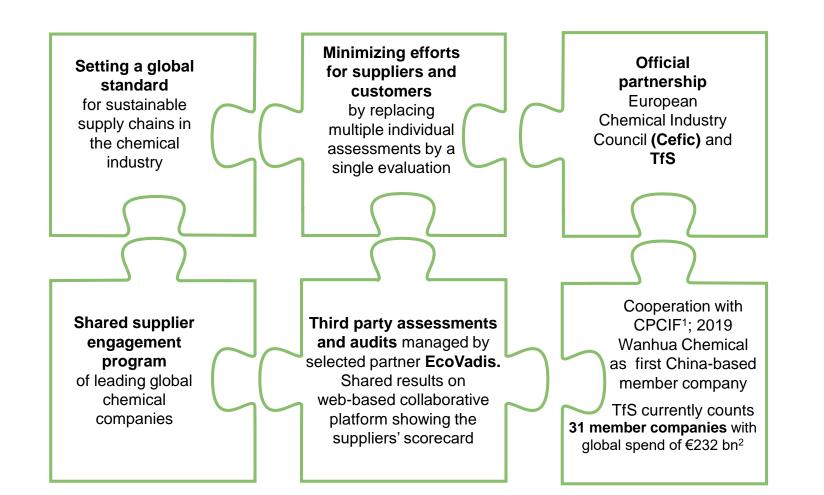


Responsible supply chain management



Evonik **founding member** of "Together for Sustainability" (TfS) initiative of chemical industry driving transparency and sustainability along the supply chain.

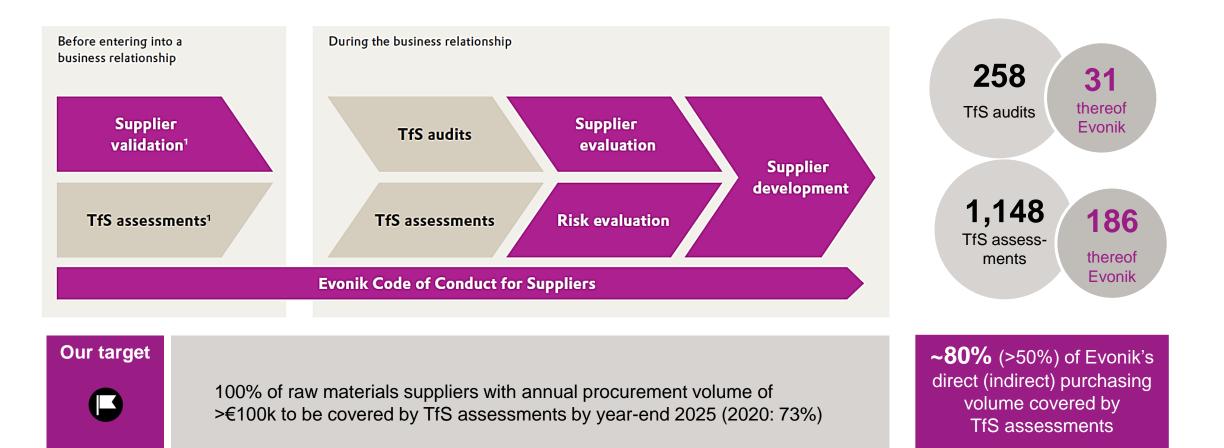




1) CPCIF = Chinese Petroleum and Chemical Industry Federation 2) estimated figure
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Responsible supply chain management





Sustainable use of palm oil

- Evonik member of Roundtable on Sustainable Palm Oil (RSPO) and cross-industry industry platform Action for Sustainable Derivatives (ASD)
- Our annual demand for palm-based derivatives is approx. 100 kilo tons, primarily used by Business Lines Care Solutions and Oil Additives
- For Evonik employees, we developed recommendations for action for the responsible handling of palm oil, palm kernel oil and their derivatives
- Target: By 2023, Evonik aims to ensure only RSPO-certified palm oil and palm kernel oil are used in its products.

TEGO[®] Betain P 50 C

The cost-efficient, concentrated Cocamidopropyl Betaine based on RSPO certified palm kernel oil.

Evonik's Personal Care Business

- ~60% of our cosmetic ingredients are made up of at least 50% renewable feedstocks
- Palm oil raw materials basket contains 65% RSPO-MB palm-based feedstocks
- Production of >40 cosmetic ingredients using CO₂-optimized processes

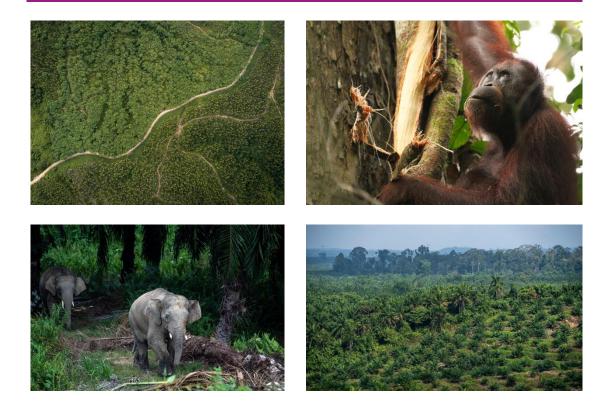


Promotion of sustainable palm oil production in Malaysia

Evonik and Beiersdorf support WWF project

- Beiersdorf and Evonik committed to a sustainable palm oil economy for many years, being both members of RSPO¹ and ASD²
- Conservation and sustainable development project launched in Sabah's Tabin landscape in late 2020
- Goal is to certify local palm-oil farmers for sustainable production (RSPO), restore ecological connectivity and protect wildlife habitats
- Tabin's wildlife reserve safeguards many threatened species such as orangutans or Borneo elephants

Tabin's ecosystem faces enormous challenges





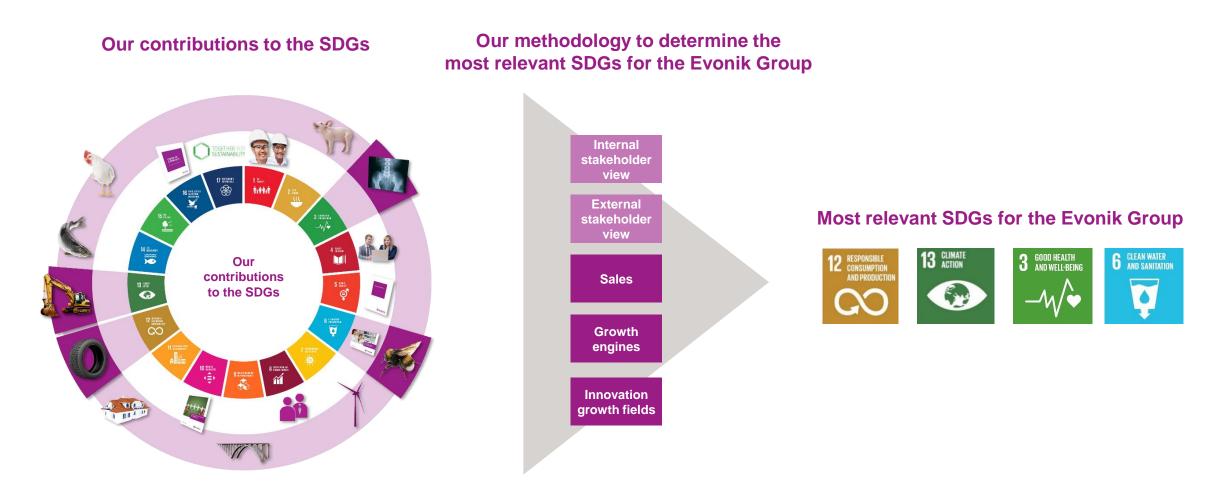
We create value for society^{1, 2}



 Impact valuation of our business in 2019 along the value chain (excluding the methacrylates business) covering Germany, the rest of Europe, USA, Canada, Mexico, Asia-Pacific, Middle-East. Africa, and Central & South America on the basis of currently available data.
 Data outside the scope of the limited assurance review.
 The total includes Evonik's direct impact.
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UN Sustainable Development Goals (SDGs) most relevant for Evonik (1)





UN Sustainable Development Goals (SDGs) most relevant for Evonik (2)

- High safety standards
- Responsible supply chain management
- Responsible management of chemicals and waste
- Products for resource efficiency in highly demanding applications

RESPONSIBLE CONSUMPTION AND PRODUCTION

- Ambitious CO₂ reduction targets
- Silica-silane technology for "green" tires
- Oil additives to exend lifetime of hydraulic machines and to save fuel
- Membranes for biogas upgrading
- DL methionine for animal nutrition
- High-performance insulation materials

- APIs¹ and intermediates
- Food ingredients and nutritional delivery
- Highly purified amino acids
- Parenteral and drug delivery
- Medical devices



- Global water management system: development of site-specific action plans within Evonik Group regarding water stress
- Oxidation agents, waste water treatment
- Biosurfactants



Our sustainability commitments

External



UN Global Compact

Aligning companies' operations and strategies with 10 universally accepted principles in the areas of human rights, labor, environment and anti-corruption



Internal

Global Social Policy

Evonik's internal commitment to human rights, core labor standards, international standards and principles of conduct



Responsible Care

The global chemical industry's initiative to improve health, environmental performance, enhance security, and to communicate with stakeholders about products and processes

Chemie³



An alliance of VCI, IG BCE and BAVC underpinning sustainability as a guiding principle of the chemical industry in Germany and providing inspiration for the international community



ESHQ Values

Protecting people and the environment, treating partners fairly, and focusing on the needs of customers as core beliefs for everyone at Evonik



Code of Conduct

Containing corporate values and principles, governing conduct of all Evonik employees; externally operated whistleblower system



Sustainability Report: High recognition

















Safety is at the top of our agenda





Incorporation of safety performance in remuneration systems. Culture initiative "Safety at Evonik" firmly established. Roll-out of new global server-based platform ESTER³

1) This indicator contains all work-related accidents (excluding traffic accidents) resulting in absences of at least one full shift per 1 million working hours.

2) Number of incidents per 1 million working hours) 3) ESTER = Evonik Standard Tool ESHQ and Reporting



Sustainability evaluation part of our RD&I

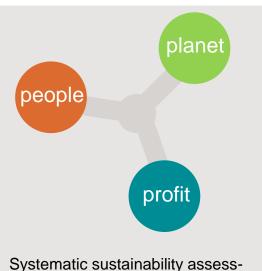
Tissue Engineering project house in **€433** million ~215 Singapore New patent applications filed R&D expenses R&D expenses to sales ratio: 3.5% ~24,000 Patents and pending patents **DSM and Evonik** combine expertise in JV Veramaris for Current market growth omega-3 fatty acids from of ~30% p.a.; market natural marine algae for animal volume of US \$3 bn nutrition in acquaculture Global R&D network:



Biosurfactants on industrial scale: Evonik and Unilever teamed up

Evonik wants to make green hydrogen more affordable: Innovative membranes for water electrolysis

by 2021¹



ment for strategic RD&I projects²





Our innovation targets



Target: Additional contribution to sales¹ by 2025: > €1 billion

FY 2020: ~ €350 million



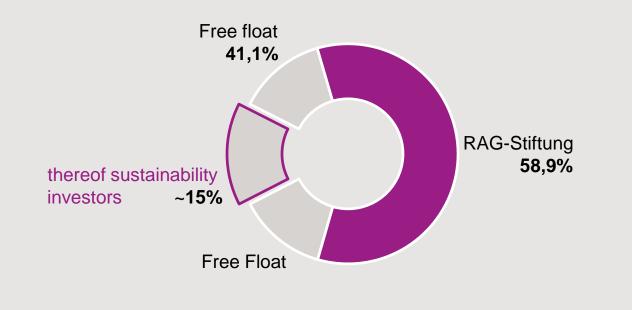
Management compensation: Executive Board

Fixed salary ~1/3	 To be paid in cash for each financial year on a monthly basis 	S
Bonus ~1/3	 Pay-out calculated on the basis of the achievement of focused KPIs; aligned to mid-term strategic targets: Progression towards EBITDA margin target EBITDA growth (yoy) Contribution to FCF target Accident performance (frequency and severity of accidents) 	 Factor of between 0.8 and 1.2 to take into account the achievement of further individual targets Bonus capped at 200% of initial target
Long-term incentive plan ~1/3	 Granted LTI target amount is calculated in virtual shares (4-year lock-up) Value of LTI to mirror the development of Evonik's share price (incl. dividends) Amount payable is determined by two performance elements 	 Absolute performance: Real price of the Evonik share Relative performance against external index benchmark (MSCI Chemicals) Bonus capped at 300% of initial amount To be paid out in cash after lock-up period



RAG-Stiftung (RAG Foundation)

- Obligation to finance the perpetual liabilities arising from the cessation of hard-coal mining in Germany
- Evonik as integral and stable portfolio element with attractive and reliable dividend policy
- Clear intention to remain significant shareholder



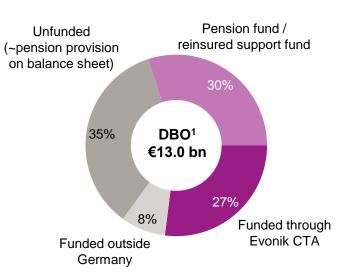


Sustainability embedded in pension asset management

Evonik Pensionstreuhand e.V. (CTA)

Sustainability process initially developed for portfolio held directly by Evonik Industries AG and thus directly under Corporate control (Contractual Trust Agreement, **CTA**)

- CTA: >80% of total plan assets under management supervised by managers committed to UN Principles for Responsible Investment (UN PRI)
- CTA: >50% of liquid assets overlapping with renowned sustainability indices such as FTSE4Good etc.



Funding level at ~65%

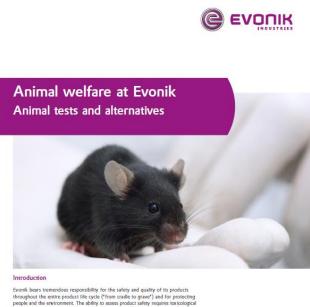
Pensionskasse Degussa VVaG (Pension fund)

As one of the first pension funds in Germany, Pensionskasse Degussa VVaG (PKD) with own **ESG strategy** since April 2019

- Main focus on Governance requirements (compliance, audits, risk management, cyber security etc.)
- Since 2020, 50% women in PKD Board of Management
- Investment criteria: managers required to have signed UN PRI; focus on democratic countries, respect for human rights, anti-corruption etc.
- Asset Class Specific: Suitable ESG factors taken into account in investment process



- Wherever possible, usage of published data to minimize animal testing
 - Teaming up with other companies to carry out joint tests
 - Taking read-across, grouping and in-silico-/in-vitro approaches
 - Active involvement in EPAA¹, SET Foundation²
- Toxicological/ecotoxicological data still needed to assess safety of Evonik products
 - Tests on animals in many cases only way of reliably generating these data
 - Under national/international regulations (e.g. REACH) animal testing still required
- Evonik exclusively selects certified contract research organizations with high animal welfare standards
- Within Evonik, animal protection guidelines and animal protection officers installed https://corporate.evonik.com/en/responsibility/value-chain-products/animal-welfare



Evonic bears tremendous responsibility for the safety and quality of its products throughout the entire product life cycle ("from crade) to grave") and for protecting people and the environment. The ability to assess product safety requires tracicological and ecotocicological data, and, in many instances, animal tests remain theoring source of these data from a scientific perspective. In addition, the corresponding laws at both a national and international level require manufacturers to perform animal tests. Evonik actively supports the development of alternatives to animal tests in order to continue reducing the number of animal tests performed now and to completely eliminate them in the future. Evonik is guided by the 3R concept*.

> Evonik Industries AG Relinghauser Straße 1–1 45128 Essen

Evonik. Power to create.



Product examples with significant contributions to sustainable development

Insulation & Circular Economy

POLYVEST® HT for sealing compounds for insulating glass windows (triple glazing)

VESTENAMER®

process additive allows rubber waste to be processed to low-noise asphalt

PU-Additives for furniture applications and the automotive industry (low VOC)

CALOSTAT®

purely mineral high-performance insulation material; fully recyclable; incombustible

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ROHACELL® light-weight technology for automotive and aircraft industry

DRIVONTM technology for costefficient engine oils and transmission fluids

Mobility

Silica-organosilane reinforcing system for "areen tire" technology

oil additives for energyefficient hydraulic fluids

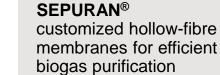


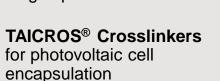
Catalyst NM 30 for cost-efficient biodiesel production



Crosslinkers, silica, oil additives, silicone epoxy resins for wind power



















Sustainability as growth driver: product examples

Growth engines	Growth trends and drivers	"Sustainable" products	Market growth in %
Specialty Additives "Small volume, big impact"	 Rising requirements on additive effects Need for increased product performance and efficiency 	 Additives for eco-friendly coatings PU additives for insulation Oil additives for fuel savings 	5 - 6
Health & Care Preferred partner in Pharma and Cosmetics	 Increasing health awareness Bio-based products and eco-safe cosmetics 	Pharma polymersOleochemicalsAdvanced biotechnology	5 - 6
Smart Materials Tailored functionalities for sustainable solutions	 Trend towards resource efficiency in highly-demanding applications Engineered materials to fulfill high performance requirements 	 Silica & silanes ("green" tire) HPP¹ for lightweight applications or 3D-printing Membranes for biogas upgrading 	4 - 7
Animal Nutrition Comprehensive portfolio for sustainable food chain	Sustainable nutritionImproving food quality and safety	 Amino acids for animal nutrition Probiotics 	5 - 7



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