

SASB INDEX 2022

CATEGORY	REQUIREMENT	ANSWER
Product Safety	Percentage of vehicle models rated by NCAP programs with an overall 5-star safety rating, by region	<p>Volkswagen Passenger Cars attaches great importance to the safety of its vehicles when designing and developing its products. In 2022, a wide range of Volkswagen Passenger Cars products achieved top grades in global consumer tests.</p> <p>Our Taigo, Polo FL and T-Roc FL vehicles achieved the top 5-star rating in the Euro NCAP consumer test. Moreover, the Touran and Golf facelifts were tested according to the currently valid assessment procedures and the Golf has once again received the top score of 5 stars while the Touran received 4. The Polo was also given an award of 5 stars in the safety tests by the Australian NCAP.</p> <p>China NCAP rated the all-electric ID.3 at 5 stars and the ID.6 received a GOOD from the Chinese organization C-IASI.</p> <p>In the US, the new Golf and the Tiguan FL achieved the highest safety rating in the “Top Safety Pick Plus” IIHS consumer test. In the US NCAP consumer test, the Taos was rated at 4 stars. Additionally, the Taos, the Nivus and the Virtus FL were given the top rating of stars by Latin NCAP, while the Polo PA received 3 stars.</p> <p>Global NCAP awarded the new Taigun 5 stars. In the Japan NCAP test, the Golf achieved 4 stars.</p>
	Number of safety-related defect complaints, percentage investigate	<p>The Product Safety Department ensures that all issues (100%) are procedurally regulated and that there is a secure process in place (approved by independent third parties). Information concerning recalls is made public and visible to consumers through the authorities. We will not give detailed information and/or give figures on these events. This is justified by the fact that the number of product recalls and vehicles, the cost of product recalls and service actions do not provide a serious base to evaluate general product quality and are always worth interpreting in comparison with other manufacturers.</p> <p>Our aim is to protect consumers as best as possible and to provide information about possible dangers quickly and transparently in coordination with the authorities.</p>
	Number of vehicles recalled	In 2022, 3,096,823 vehicles were subject to a recall.
Labor Practices	Percentage of active workforce covered under collective bargaining agreements	<p>Our Charter on Labour Relations sets out additional information, consultation and codetermination rights for employee representatives of the brands, companies and locations represented by the Group European Works Council and the Global Group Works Council. We cooperate with the relevant trade unions all over the world. Volkswagen’s Commercial Vehicle division, with the holding company TRATON SE and its subsidiaries MAN, Scania, Navistar and Volkswagen Truck & Bus, enables far-reaching participation of employee representatives. In addition, Scania has introduced a global corporate policy that regulates minimum standards such as working hours, weekly rest periods, vacation time and sick leave for its employees.</p>
	(1) Number of work stoppages and (2) total days idle	<p>We use a range of instruments to counter economic risks as well as changes in the market and the competitive situation and shortages of supplier components. These help the Volkswagen Group to remain flexible in terms of staff deployment when faced with a fluctuating order situation. These instruments include, among others, closure days and <i>Kurzarbeit</i> (short-time working)</p>

NAVIGATION

 > References to websites

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Fuel Economy & Use-phase Emissions	Sales-weighted average passenger fleet fuel economy, by region	<p>The Volkswagen Group's new passenger car fleet (from 2022 including Lamborghini and Bentley) in the EU (EU27+2) emitted an average of 119 g CO₂/km (WLTP) in the reporting period in accordance with statutory measurement bases, compared with a statutory target of 122 g CO₂/km (WLTP). This means that the Volkswagen Group outperformed the EU's fleet CO₂ target. All the figures mentioned are subject to confirmation of the CO₂ data in the context of official publication by the European Commission.</p> <p>The Volkswagen Group's new light commercial vehicles fleet in the EU emitted an average of 193 g CO₂/km (WLTP) in the 2022 reporting period in accordance with statutory measurement bases, compared with a statutory target of 199 g CO₂/km (WLTP). This means that the Volkswagen Group outperformed the EU's fleet CO₂ target. All the figures mentioned are subject to confirmation of the CO₂ data in the context of official publication by the European Commission.</p> <p>In the USA, the passenger car and light commercial vehicle fleets' GHG CO₂ figure for model year 2022 (internal data as of September 2022) is an average of 141 g CO₂/km (model year 2021: 146 g CO₂/km) compared with a statutory target of 136 g CO₂/km (model year 2021: 142 g CO₂/km). By applying the statutory flexibility in GHG and CAFE as well as externally acquired credits, the Volkswagen Group succeeded in complying with applicable requirements – subject to confirmation by the authorities – for model year 2022. The figure given for model year 2022 is also subject to confirmation by the Environmental Protection Agency (EPA).</p>																									
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Discussion of strategy for managing fleet fuel economy and emissions risks and opportunities	We have two levers in particular available to us to impact greenhouse gas emissions across the entire life cycle of Volkswagen products: The Group's electric offensive and the Renewable Energies strategy. Around 90% of the decarbonization targeted by the Group can be realized through electrification of the fleet and switching to renewably generated energy.																										

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Materials Sourcing	Description of the management of risks associated with the use of critical materials	<p>The Volkswagen Group has implemented a Raw Material Due Diligence Management System (RMDDMS). The RMDDMS is overseen by a Steering Committee comprised of Senior Management of Sustainability from Procurement and guided by a Working Group that included representatives from Sustainability in Procurement teams from all brands.</p> <p>It covers 16 high risk raw materials that have been derived from the results of the Material Change Report (DRIVE Sustainability 2018). Those 16 raw materials are: battery raw materials cobalt, lithium, nickel graphite; conflict minerals (3TG) tin, tantalum, tungsten and gold; and other materials aluminum, copper, leather, mica, platinum group metals (PGM), rare earth elements (REE), natural rubber and steel.</p> <p>The RMDDMS is a strategic and systematic group wide approach to identify and assess raw material risks (sourcing, processing and in their specific supply chains). Based on the risk assessment systematic mitigation measures are being developed and implemented. Constant monitoring and, if needed, adjustments to those measures are part of the RMDDMS and will be conducted annually.</p> <p>The status as well as progress of the RMDDMS activities is reported annually in the “Volkswagen Group Responsible Raw Materials Report” since 2021. The report is available at 📄 > Volkswagen > Sustainability > Supply Chain > Responsible Raw Materials Report 2021</p> <p>The report on the Group’s 2022 activities is currently being prepared and will be published in due time.</p>
Materials Efficiency & Recycling	Total amount of waste from manufacturing, percentage recycled	<p>Total production-related waste: 2,526,859 metric tons</p> <p>Waste for recycling: 2,495,576 metric tons</p> <p>Recycling rate: 96.82%</p>
	Weight of end-of-life material recovered, percentage recycled	Roughly one third of the vehicle, in vehicle weight terms, is made from recycled materials (as a percentage of all materials). The largest percentage is accounted for by recycled metals.
	Average recyclability of vehicles sold	In line with the European Directive on end-of-life vehicles, passenger cars and light commercial vehicles must be 85% recyclable and 95% recoverable at end of life. All our vehicles registered in Europe comply with these standards.
Activity Metrics	Number of vehicles manufactured	8,716,606
	Number of vehicles sold	8,262,776