uvex

uvex 1 G2 planet

100% Performance.
30% recycled.*

protecting people

uvex

protecting planet

To help raise awareness of its commitment to achieving increased sustainability, uvex has developed the **protecting planet** icon.

For uvex, **protecting planet** is more than a label. Based on the brand claim, **protecting people**, our sustainable approach integrates 3 core interlinked pillars – **ecology**, **economy** and **social responsibility**, that are incorporated thoughout the business to improve our sustainability performance.

This explains the comprehensive audit, measurement and evaluation managmenet process uvex undertakes along the entire value chain to ensure its products are as sustainable as possible.

uvex 1 G2 planet

The **uvex 1 G2 planet** is an example of the **planet series** product system.

protecting planet

by using bio-based material //
by using recycled material //
by maximum reduction of pollutants

The highlight of the shoe is its sole: both the outsole and the i-PUREnrj midsole use up to 20% granulate from the production's own PU residues. The upper part of the safety shoe is made from 100 percent recycled polyester made from PET bottles. The penetration resistant midsole is also made from 100 percent recycled materials. 40 percent recycled TPU is used for the TPR scuffcap. The shoe's distance mesh lining is made from 52 percent recycled polyester and 18 percent bamboo fibres. The replaceable comfortable climatic insole is also made of 100 percent recycled PU foam and polyester. The entire safety shoe is manufactured without using any harmful substances as listed in the banned hazardous substances list created by uvex and goes beyond that of REACH.

protecting planet

by using environmentally-friendly packaging

All uvex shoe boxes are made from 90 percent recycled cardboard. 100 percent recycled tissue paper is used and the instructions for use are also 100 percent recycled paper.

protecting planet

by reducing waste //
by reducing CO_2 emissions

The uvex plant in Ceva, Italy, was already completely converted to green electricity and green gas a few years ago and hasbeen certified according to the environmental management system ISO 14001 since 2017. In addition, the plant uses renewable energy with a photovoltaic system. uvex places a special focus on waste prevention. For example, some years ago, the shape of the soles were redesigned and as a result significantly reduced the amount of waste. The cleaning and injection process is also continuously optimised. In addition, the PU surplus has been collected for some time, processed into granulate and reused. For example, it is used to create our shock absorbing insoles.

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30% recycled.*

protecting planet
by using
recycled material

CO_2
6.9kg

Status 12/22***

You can find more information at www.uvex-safety.com/uvex-1-g2-planet/

For the first time, we have calculated the CO_2 footprint for a uvex safety shoe. This tells us how much CO_2 is emitted during the production of a pair. To calculate this, we measured the emissions from the raw materials to the first use**.
The result is that the CO_2 footprint of the uvex 1 G2 planet is 6.9 kg.

By using recycled and bio-based materials, we were able to reduce the CO_2 footprint by 1.5 kg or 17.9% compared to our regular uvex 1 G2 (art. no. 68342, CO_2 footprint 8.4 kg).

Calculations based on Sima Pro 9.2.0.1, ecoinvent 3.6 database

*calculated in accordance with DIN EN ISO 14021:2016
**the end-of-life emissions depend on the method of disposal.
***Calculation method: IPCC 2021 GWP 100a (based on ISO 14067) SimaPro 9.4.02 Database ecoinvent 3.8.
Scope: cradle to customer. The CO_2 values stated apply to the calculation period and may be subject to permanent changes.

uvex

100%
recycled
shoelaces

Penetration resistance
made from
100%
recycled fibres

40%
recycled material
in the TPR scuffcap

uvex x-tended grip planet

10%

of the TPU outsole made from recycled PU surplus

Comfortable climatic insole

100%

recycled polyester and PU foam

uvex x-dry knit planet

100%

recycled PET bottles in the upper

Distance mesh lining

18%

of the lining is made of bamboo, 52% made of recycled polyester

uvex i-PUREnrj planet

20%

of the midsole made of granulate from recycled PU residues

uvex i-PUREnrj technology

Shock-absorbing. Stabilising.
Energy-returning.

- outstanding shock absorption and energy return
- foamed heel basket provides excellent stability and reduces the risk of injury

SUSTAINABILITY AT UVEX FOOTWEAR

since 2010

2010

uvex restricted substances list includes over 167 harmful substances

2011

Installation of photovoltaic system for power generation

2013

First projects to reduce waste: Mould change reduces PU waste

uvex 1 as the first safety shoe with ecolabel certification

2014

Start of use of water-based release agents

2017

Certified environmental management system in accordance with ISO 14001

- Continuous improvement of environmental performance
- Reduction of environmental impact
- Sustainable economic activity

2010 · 2011 · 2013 · 2014 · 2017

For over 90 years, we have been producing and distributing high-quality products to protect people in sports, leisure and at work.
Any company wanting to protect people must accept the responsibility that comes with it. It is exactly this mission that instils our commitment to work sustainably and with social responsibility.

Michael Winter, Managing Partner of the uvex group

2018

Purchase of green electricity for production

Exclusive use of water-based release agents

2019

Purchase of green gas for production

Less waste generated by switching raw material deliveries to tankers instead of using IBCs

2020

Use of recycled components in uvex safety shoes

2021

First shoe made from recycled materials

85% of all uvex shoes have at least one recycled component

Calculation of the CO_2 footprint, investment in software

2022

Addition of PU granulate from production surplus in uvex i-PUREnrj midsole

Projects

Projects to further reduce waste

Sustainable shoe collection

Circular shoe concept

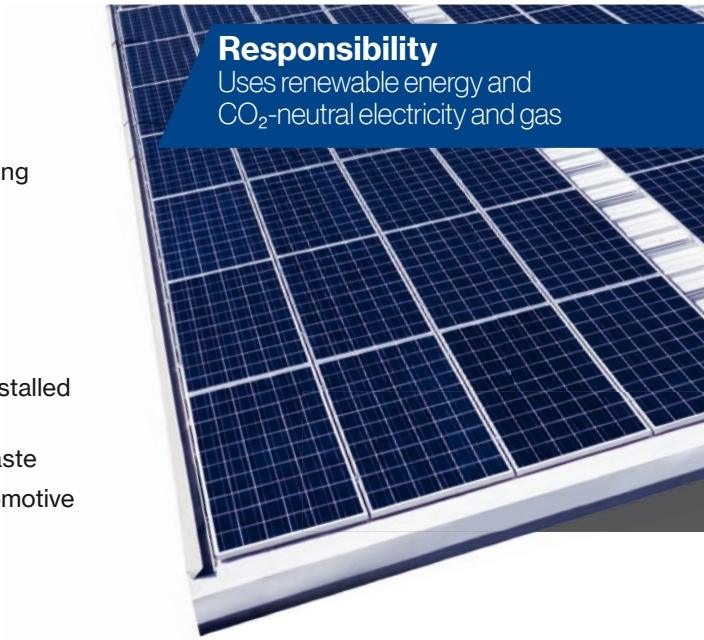
2018 · 2019 · 2020 · 2021 · 2022 · PROJECTS

Made in uvex

Made in Italy

uvex competence center for safety footwear in Ceva (CN), Italy

The production in Italy, which is one of the most modern production facilities for safety shoes in Europe, ensures efficient, resource-saving production and short distances from manufacturer to user.



Responsibility
Uses renewable energy and CO_2-neutral electricity and gas

Sustainability

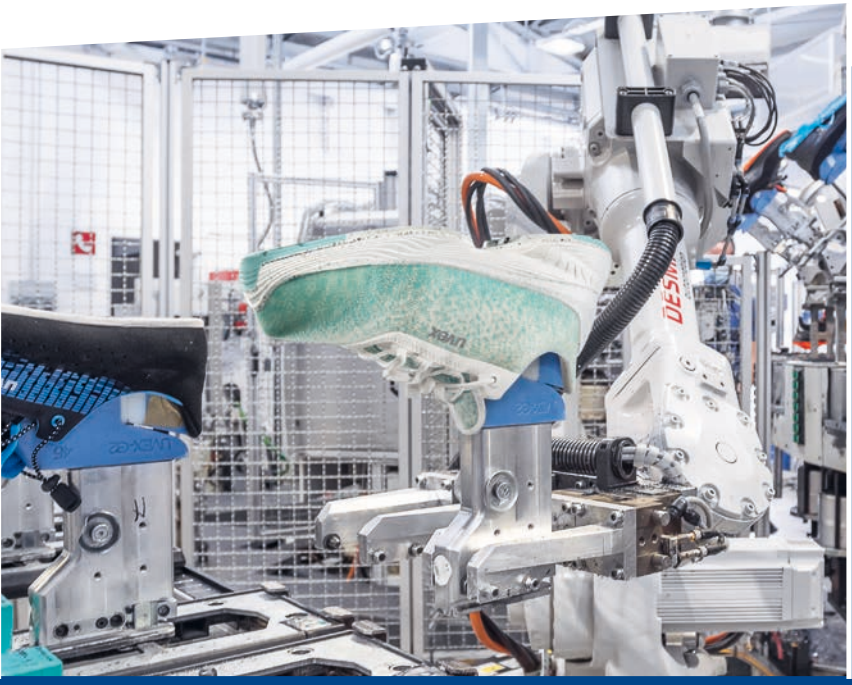
- uses 100% green energy and green gas
- uses environmentally friendly solar energy (photovoltaic system installed since 2011)
- PUR waste management for recycling and saving polyurethane waste
- uses water-based release agents (numerous approvals in the automotive and supplier industries)

Certifications

- ISO 9001-certified quality management system (since 2003)
- ISO 14001-certified environmental management system (since 2017, first certificate in the uvex safety group)
- ISO 45001-certified occupational health and safety management system (since 2020, replacement for OHSAS 18001 certification)

Expertise at uvex headquarters in Fürth, Germany

- product design and development
- biomechanics
- model building and prototyping
- quality and international manufacturing support
- supply chain management
- commercial processing
- process engineering
- training, product management and marketing



UVEX PROTECTING PLANET

RECYCLING PROJECTS TO REDUCE PRODUCTION WASTE

REDUCTION OF CO_2 EMISSIONS PER PAIR SINCE 2018

-90 %

PROPORTION OF GREEN ENERGY AT UVEX CAGI

100 %

uvex

PEFC certified
This product is from sustainably managed forests and controlled sources.

www.pefc.org

PEFC/04-31-1696

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protecting people

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