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uvex safety



protecting people

uvex safety

- Established in 1926, 96 Years of Safety (27 in South Africa)
- Leading **manufacturer** of PPE
- Exceeding Industry Standards
- Owning the process 100% from R&D to End User



respirat

- EN149 / SABS 501
- Covid
- Global shortages
- Prioritised
- Temporary certification
- State of disaster

Certification/ Class (Standard)	N95 (NIOSH-42C FR84)	FFP2 (EN 149-2001)	KN95 (GB2626-20 06)	P2 (AS/NZ 1716:2012)	Korea 1 st Class (KMOEL - 2017-64)	DS2 (Japan JMHLW- Notification 214, 2018)
Filter performance – (must be ≥ X% efficient)	≥ 95%	≥ 94%	≥ 95%	≥ 94%	≥ 94%	≥ 95%
Test agent	NaCl	NaCl and paraffin oil	NaCl	NaCl	NaCl and paraffin oil	NaCl
Flow rate	85 L/min	95 L/min	85 L/min	95 L/min	95 L/min	85 L/min
Total inward leakage (TIL)* – tested on human subjects each performing exercises	N/A	≤ 8% leakage (arithmetic mean)	≤ 8% leakage (arithmetic mean)	≤ 8% leakage (individual and arithmetic mean)	≤ 8% leakage (arithmetic mean)	Inward Leakage measured and included in User Instructions
Inhalation resistance – max pressure drop	≤ 343 Pa	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min) ≤ 500 Pa (clogging)	≤ 350 Pa	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min)	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min)	≤ 70 Pa (w/valve) ≤ 50 Pa (no valve)
Flow rate	85 L/min	Varied – see above	85 L/min	Varied – see above	Varied – see above	40 L/min
Exhalation resistance - max pressure drop	≤ 245 Pa	≤ 300 Pa	≤ 250 Pa	≤ 120 Pa	≤ 300 Pa	≤ 70 Pa (w/valve) ≤ 50 Pa (no valve)
Flow rate	85 L/min	160 L/min	85 L/min	85 L/min	160 L/min	40 L/min

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com4-air

Current valid
SABS Certification

protecting people



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**Made here in
South Africa**

protecting people



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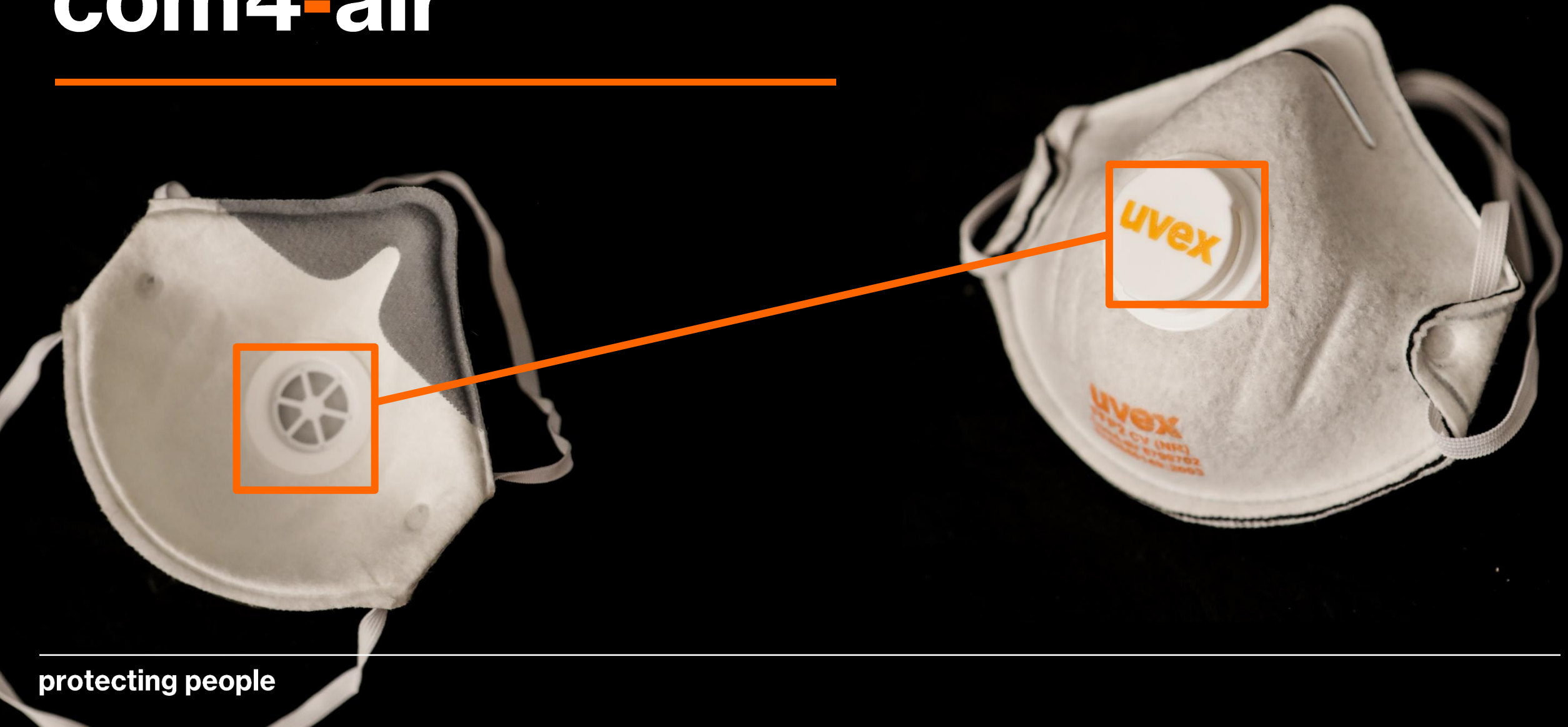
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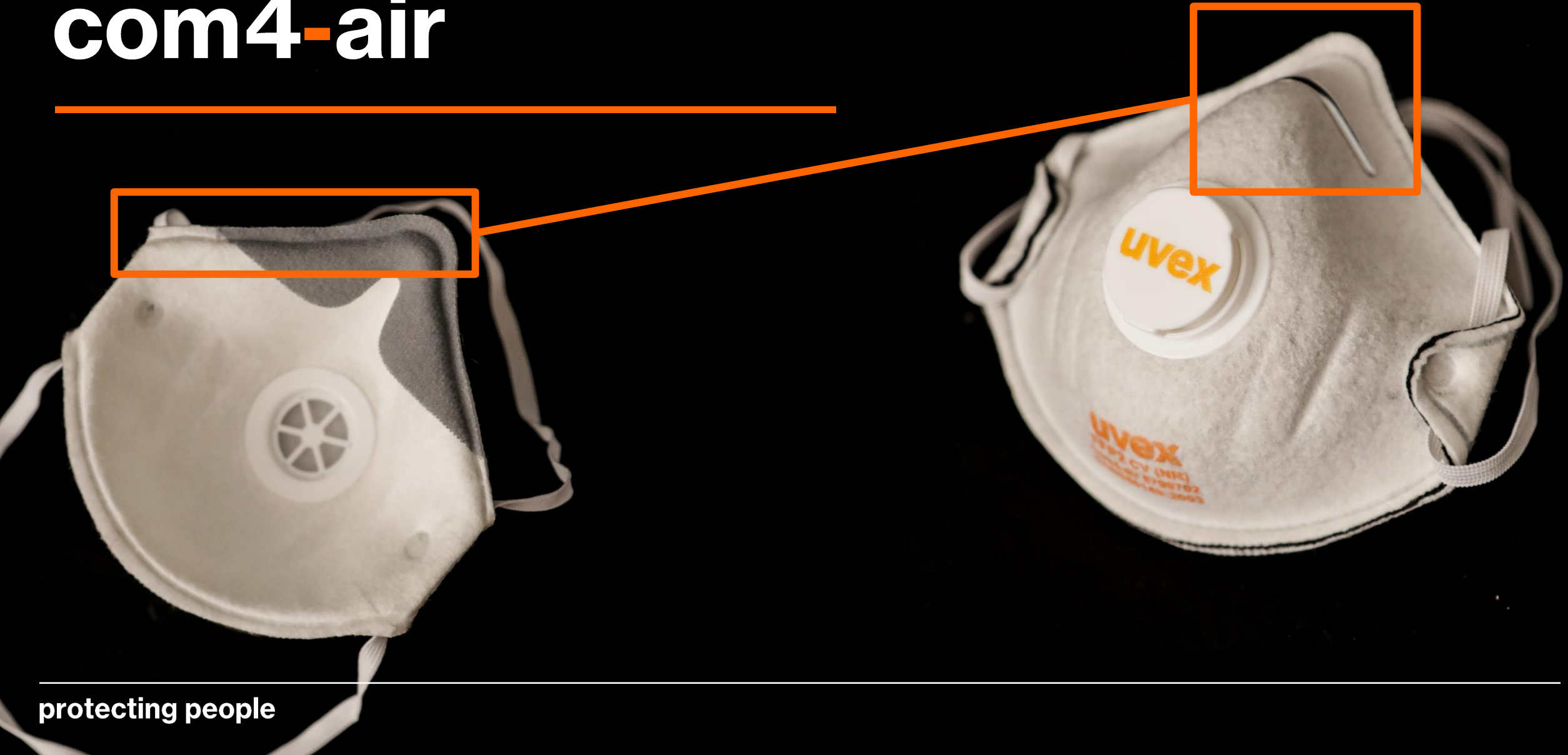
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FFP2



FFP2V



FFP2VAC



FFP3V

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Competition Winner:



Congratulations: Sabrina De Klerk, Bulk Connections

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Competition

**win uvex
products!**



jswanepoel@uvex.co.za

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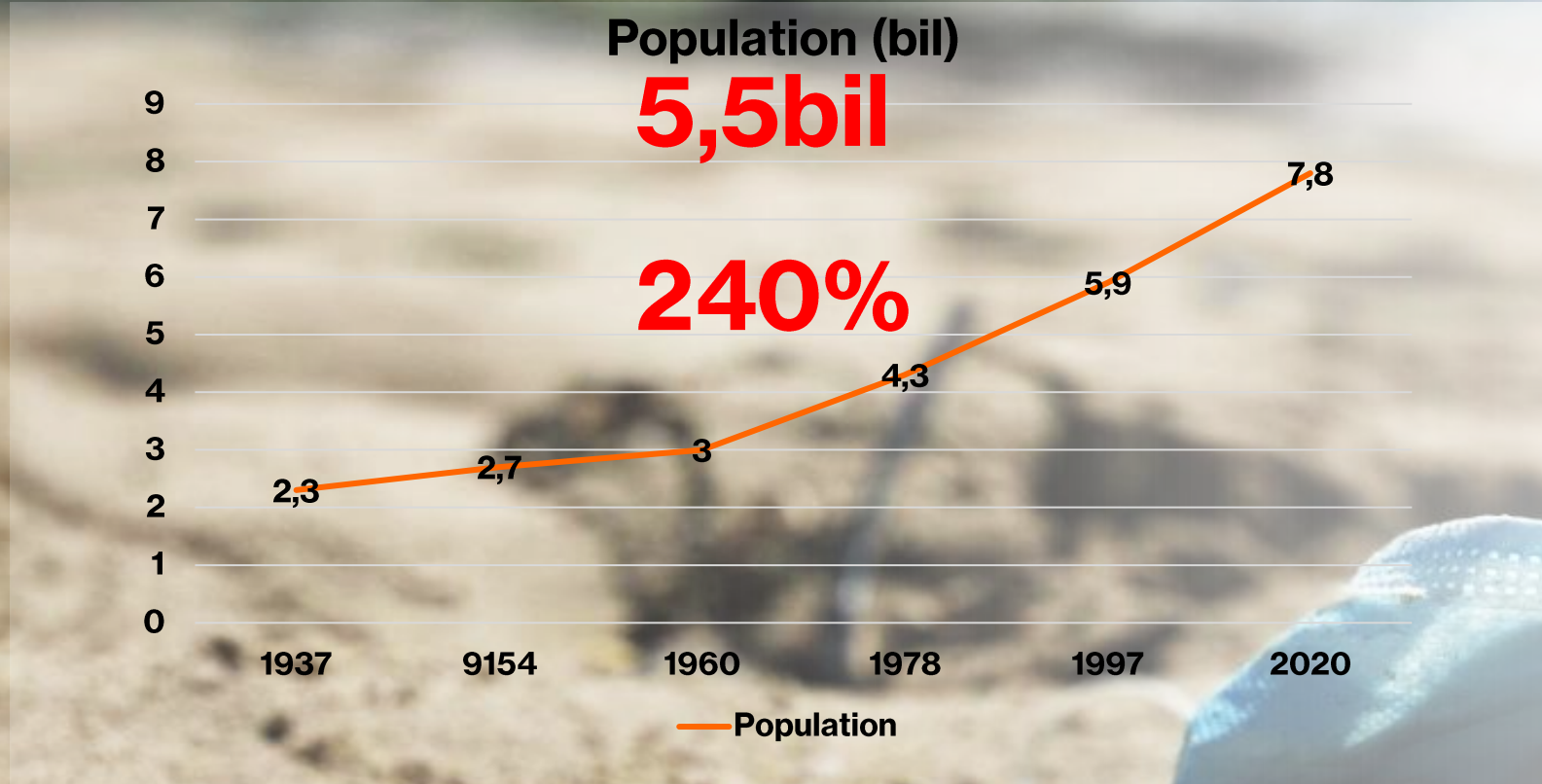
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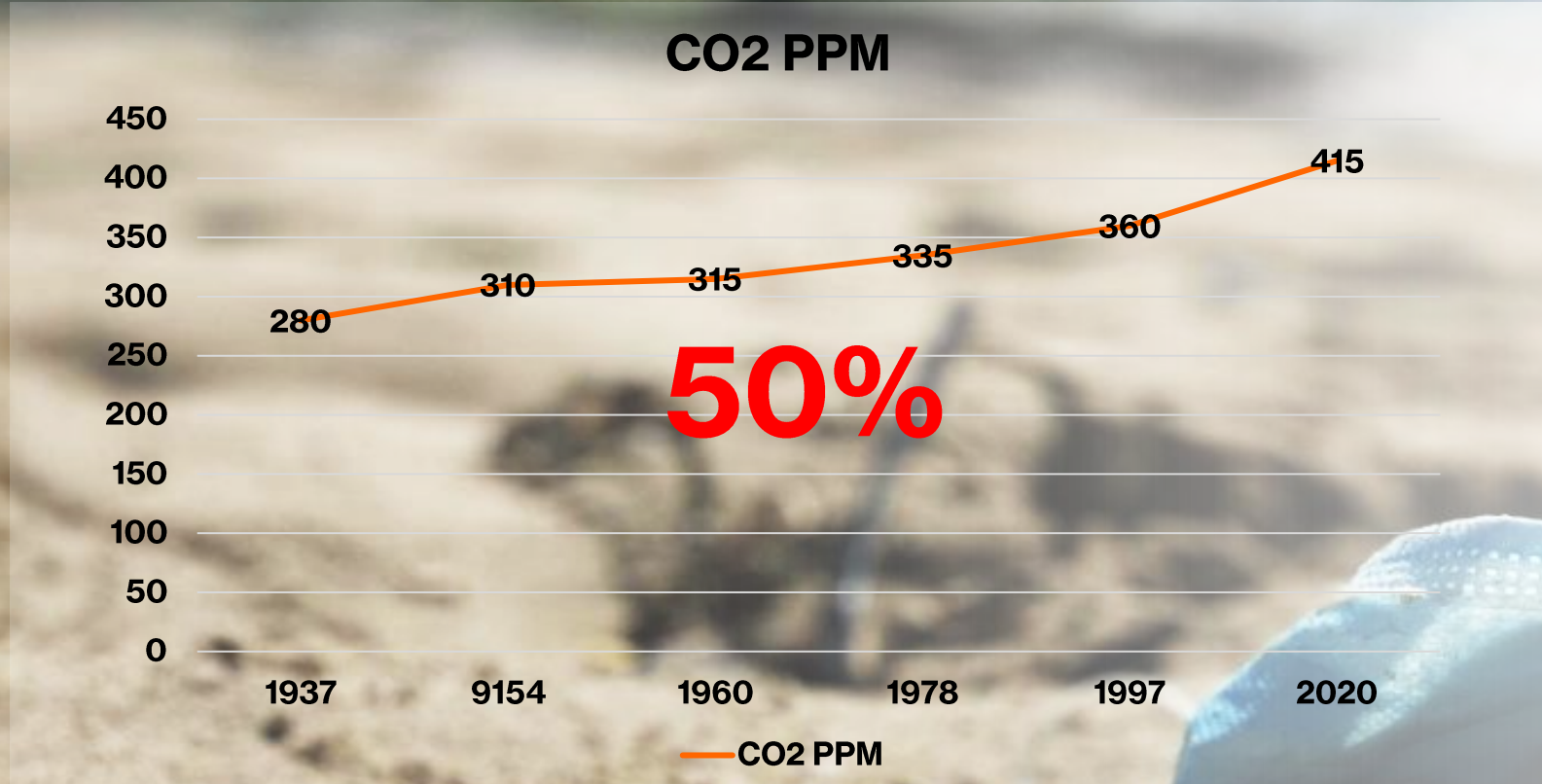
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Hard Facts



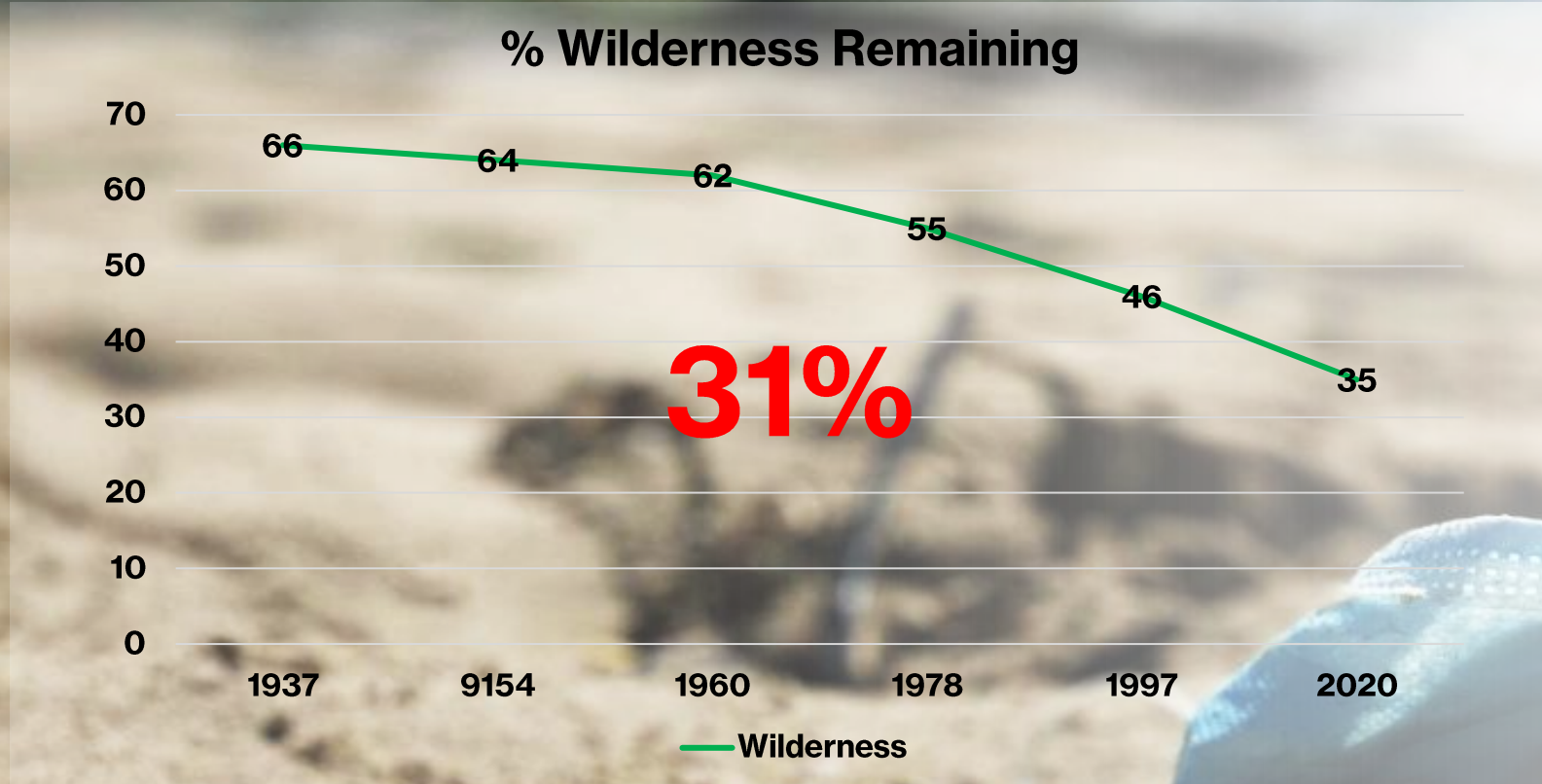
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Hard Facts



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Hard Facts



Hard Facts

- **One garbage truck load of plastic is dumped into the ocean every minute.**
- **Pollution is the largest environmental cause of disease and death in the world today (approx. 9mil deaths p.year).**
- **Since the start of the covid pandemic outbreak the disposable (single use) split on PPE products has increased dramatically, worsening and already dire PPE related pollution crises.**



- Helmet
- Spectacle
- Dust mask
- Earplugs
- Clothing / Workwear
- Shoes
- Gloves

one
22.26kg
0.16 m³

one
HUNDRED
2.23 tonnes
16.1 m³

9 082 tonnes
66 000 m³

automotive







Ecological.

Ecological. protecting planet...

- » ... by reducing CO2 emissions.
- » ... by using bio-based material.
- » ... by using recycled material.
- » ... by creating recyclable products.
- » ... by creating durable products.
- » ... by creating carbon neutral products through CO2 offset
- » ... by using environmentally friendly packaging.
- » ... by complying with environmental standards.
- » ... by becoming climate-neutral.
- » ... by reducing waste.
- » ... by saving energy.
- » ... by saving water.



Social.

Social. protecting planet ...

- » ... by complying with safety standards.
- » ... by protecting human rights in every area of our business.
- » ... by holding suppliers to our social standard.

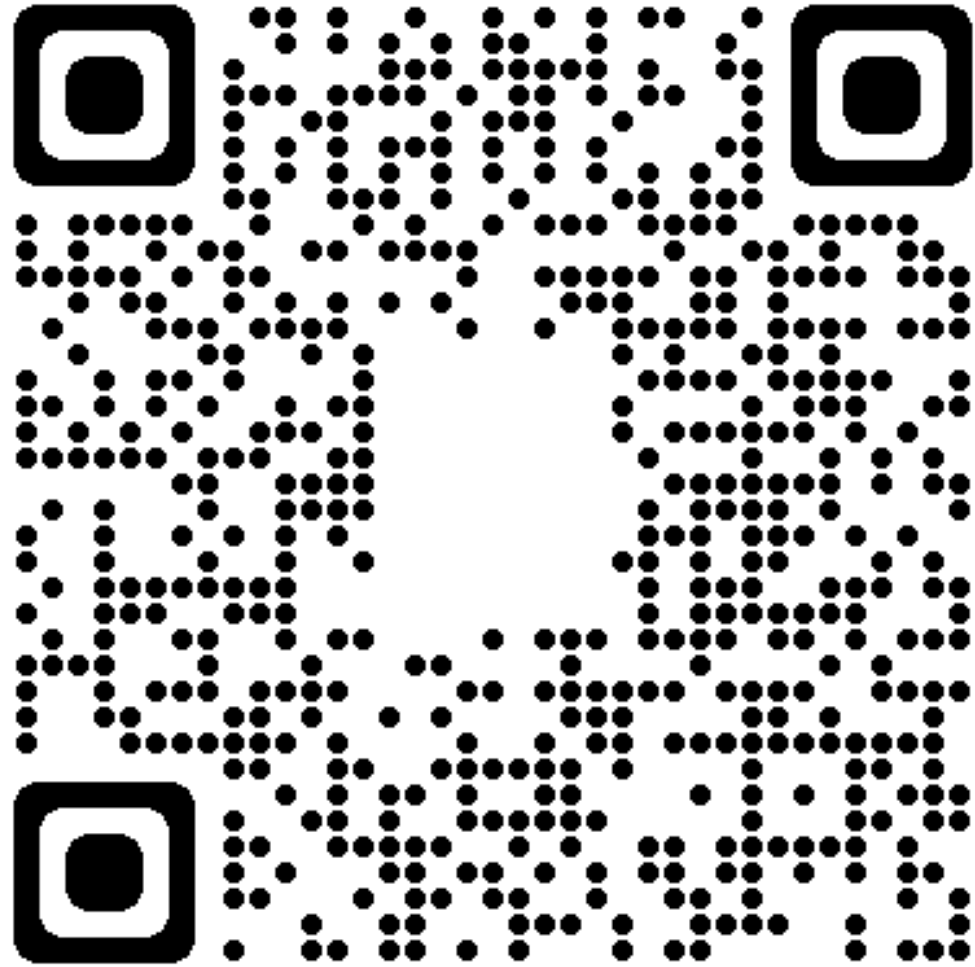


Economical.

Economical. protecting planet ...

- » ... by ensuring value-oriented and qualitative growth
- » ... by staying a family business independent of banks
- » ... by being a secure and attractive employer
- » ... by keeping the triangle of forces "growth - return - risk" in a balanced relationship





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uvex pure-fit



1 production line

-50% CO2



Bulk packaging

-50% Weight



Monomaterial

100% recyclable



One manufacturing site

-98% CO2



Direct print label

-20% Weight



Reduced manual

-85% Weight and less paper

stylish. safe. sustainable.



Protecting people
and the planet



protecting planet

by using recycled material //
by using bio-based material

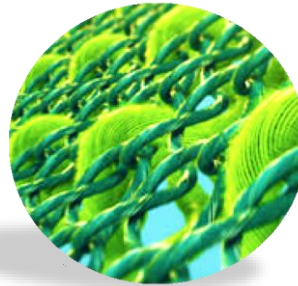


uvex i-range planet

Headband
hooks and
couplings made
from recycled
PET bottles

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uvex Bamboo TwinFlex®



Production

CO2 neutral
ISO14001 and 50001
New BTTP power generation
reduces the plants energy
consumption by 90%

Bamboo // Polyamide

44% Renewable
REACH compliant
ZERO harmful substances
ZERO solvents
proDERM approved

Paper wrap packaging

means no rubber or plastic
packaging. Reduced weight
and no plastic waste.

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uvex pheos planet B-WR



30% bioplastic



protecting planet

by using recycled material //
by using bio-based material



protecting planet

by using environmentally-
friendly packaging

SABS and DMR Approved

protecting people

uvex suXXeed greencycle planet



- All components **100%** compostable.
- **Renewable energy** used to produce the garments.
- **cradle to cradle™** certified:
- No affect on **human health** and no **process chemicals** enter waste-water.



uvex 1 G2 planet footwear



0% harmful substances, going beyond requirements of REACH.

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Swedsafe

The most environmentally friendly producer of earplugs in the world:



CO2 Neutral production facility



Manufacturing
of 1,000
earplugs....

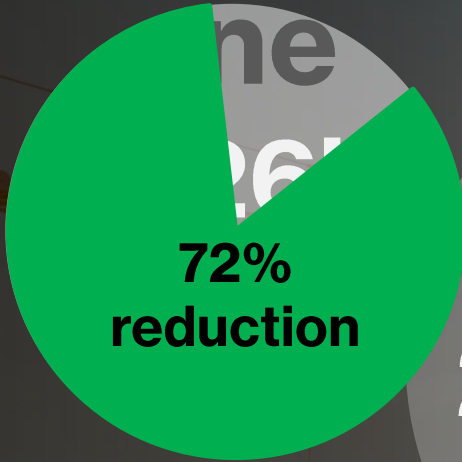


...requires no more
than one champagne
glass of water.

***Only PPE production site in the world to fulfill the requirements of the DIN ISO 26000.**

Guaranteed to be 100% free from harmful substances!

- Helmet
- Spectacle
- Dust masks
- Earplugs
- Clothing / Workwear
- Shoes
- Gloves



one HUNDRED

2.23 tonnes
16.1 m³

9 082 tonnes
66 000 m³

automotive



2,000 560 20ft

Thank You

Reference credits:

World Economic Forum website
TDC youtube channel
National Geographic youtube channel
CNN youtube channel
BBC Our planet youtube channel
World Resources Institute youtube channel
David Attenborough: A Life On Our Planet

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Email: jswanepoel@uvex.co.za