

# SUSTAINA- BILITY REPORT 2023

felyx 





## Introduction from our CEO

Welcome to our Sustainability Report! Our aim with this report is to increase transparency of our sustainability journey as a company. We invite you to explore what we have achieved, what we're currently undertaking, and what we plan to do in the future to reduce our carbon footprint by 25% by 2025, compared to our total footprint in 2021.

At felyx, we believe that sustainable mobility is not only important for our planet, but also crucial for creating healthy cities. That's why we're committed to providing our customers with a greener and more affordable alternative to traditional modes of transportation. By choosing electric mopeds, we can reduce our carbon footprint and decrease congestion on the roads.

We also recognise that there's always more we can do to improve our sustainability practices. That's why we're constantly working to find ways to reduce our environmental impact. We're committed to lead the way to more green mobility.

We're thrilled to share that we're in the process of becoming a B Corp. B Corps are for-profit companies that meet rigorous social and environmental standards set forth by B Lab, a non-profit organisation. Becoming a B Corp aligns with our commitment to sustainability and holding ourselves accountable for our impact on society and the environment.

In addition to pursuing B Corp certification, we're also committed to contributing to the United Nations Sustainable Development Goals (SDGs), specifically goals 9, 11, and 17. Thank you for joining us on our journey towards a more sustainable future. Enjoy the report!

*Daan Becker*



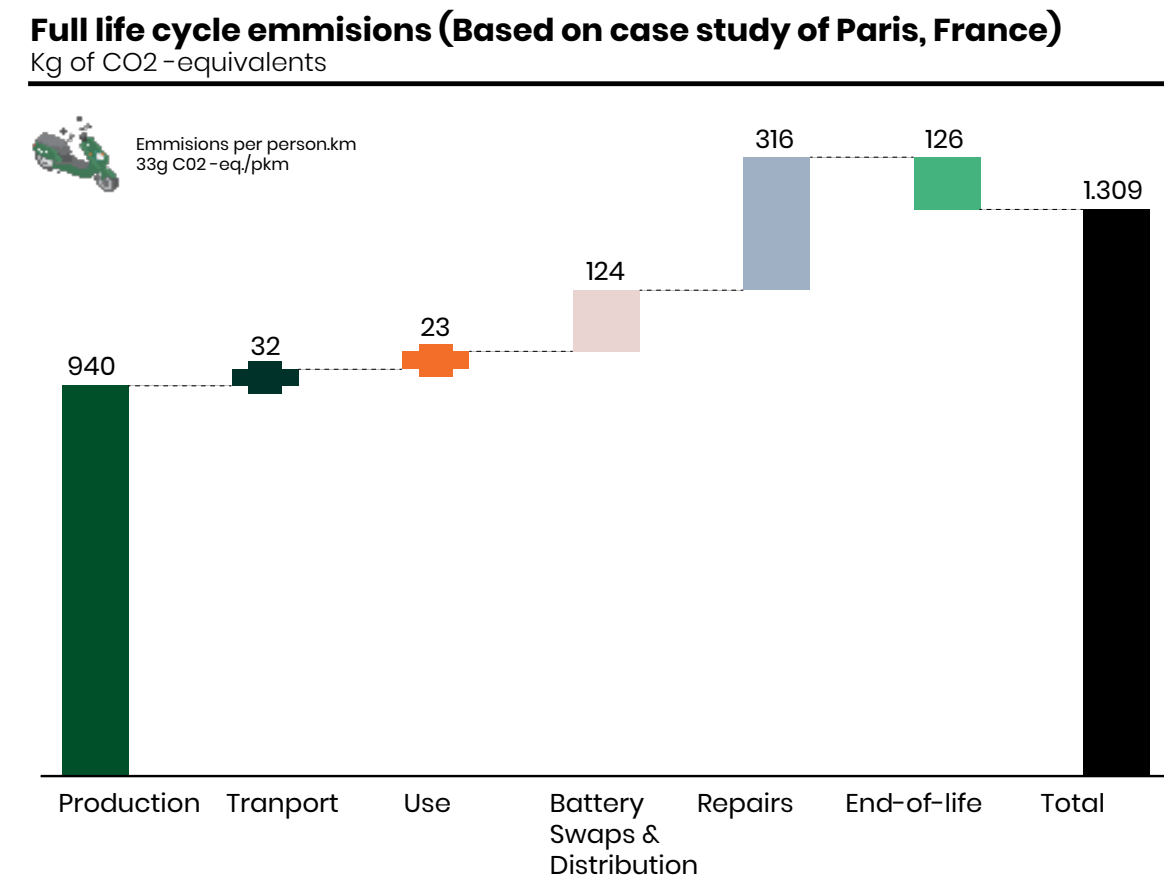
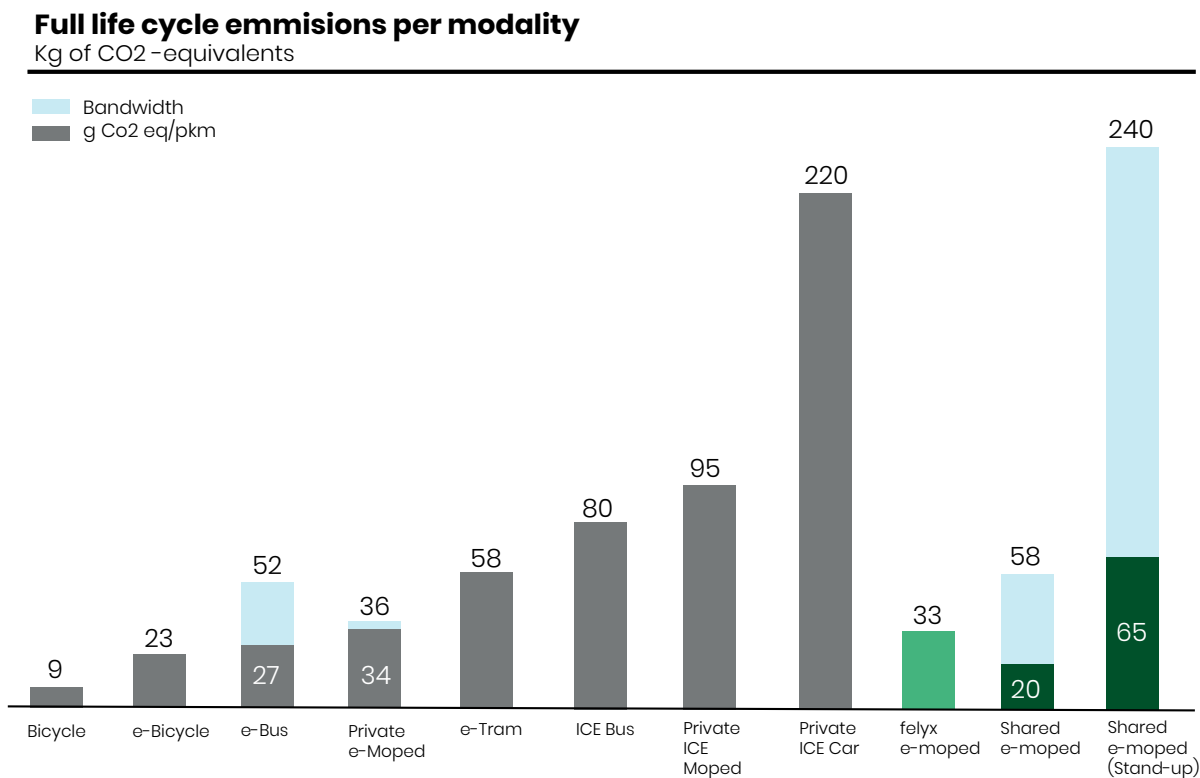


CO2 metrics

At felyx, we take our sustainability mission very seriously. We know that the choices we make today will have a significant impact on the world tomorrow. So, to help us reduce our carbon footprint, we've enlisted the help of CE Delft, LCA, EY & Climax.

First, we conducted a Life Cycle Analysis (LCA) from cradle to grave. We measured the environmental impact of our e-mopeds from the production line to the end of their useful life. We teamed up with EY Climate Change and Sustainability Services, and they found that our e-mopeds have a full life cycle emission of 33 grams of carbon dioxide equivalents (CO2e) per person.km. highest emissions come from production, distribution and repairs (not transport).

Next, we partnered with Climax, a carbon accounting consultant, to analyse our financial administration and measure our total carbon impact. In 2021, felyx had a total carbon impact of 3.4K tonnes CO2e or 194 grams per person.km. This encompasses **all three scopes of emissions**: direct emissions from our operations, indirect emissions from purchased electricity, and emissions from our supply chain.



Total carbon impact 2021  
(tonne CO2e)

3.4K

felyx total carbon impact  
(tonne CO2e)

22.5

employee total carbon impact  
(tonne CO2e)

tonne CO2e per employee

22.5

Kg CO2e per euro spend

0.1

Kg CO2e per passanger km

0.194

felyx carbon impact CO2e

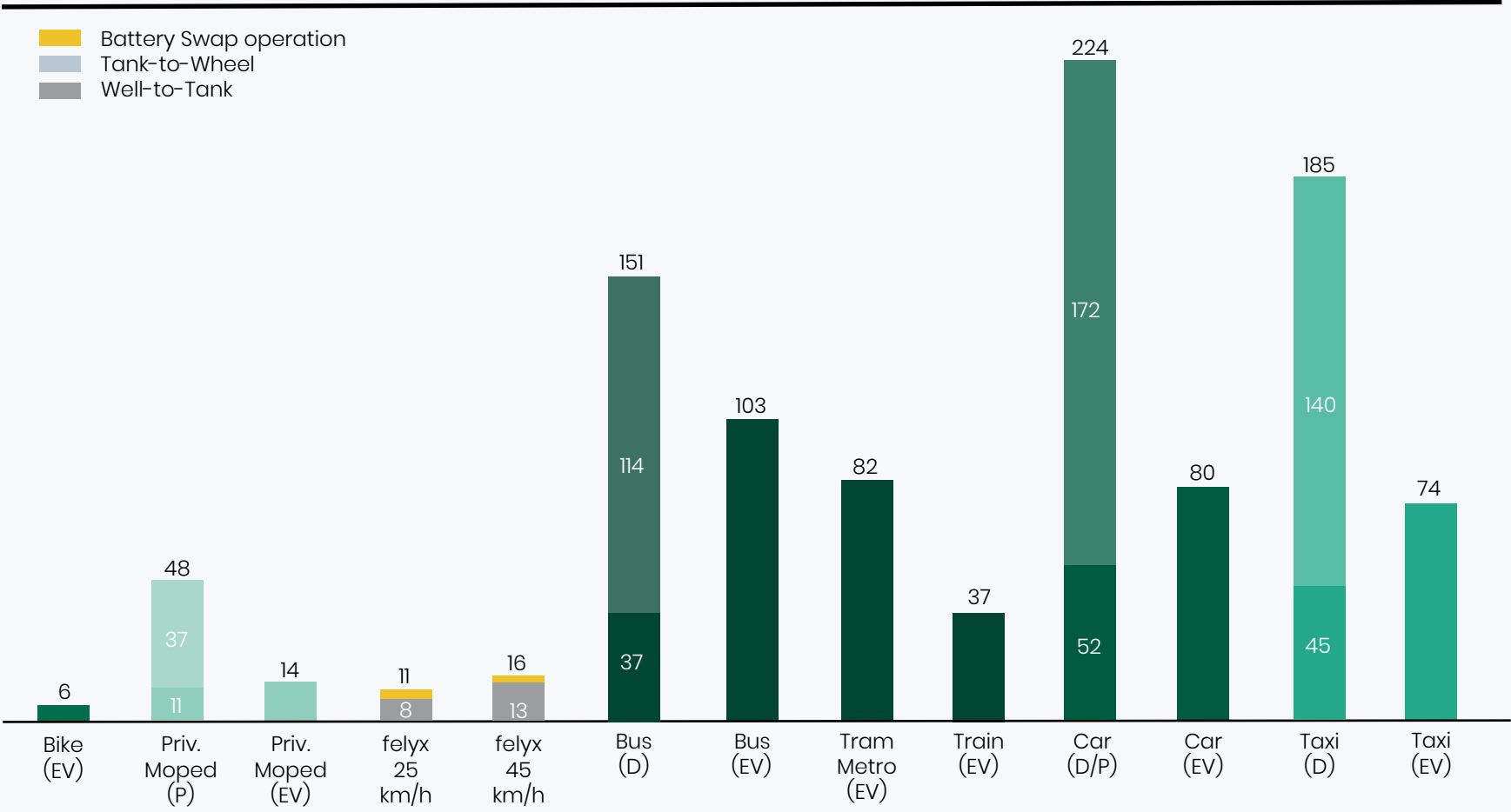
3.4K

Finally, we collaborated with CE Delft to investigate the environmental impact during the usage of felyx e-moped rides in the largest cities where we operate. The study demonstrated that our e-mopeds emitted 86% less carbon that other modes of transportation during one year in Rotterdam. The most CO2 is saved when you utilise felyx for long rides instead of using a car. For short journeys, walking or cycling is the best option for the planet and one’s health.

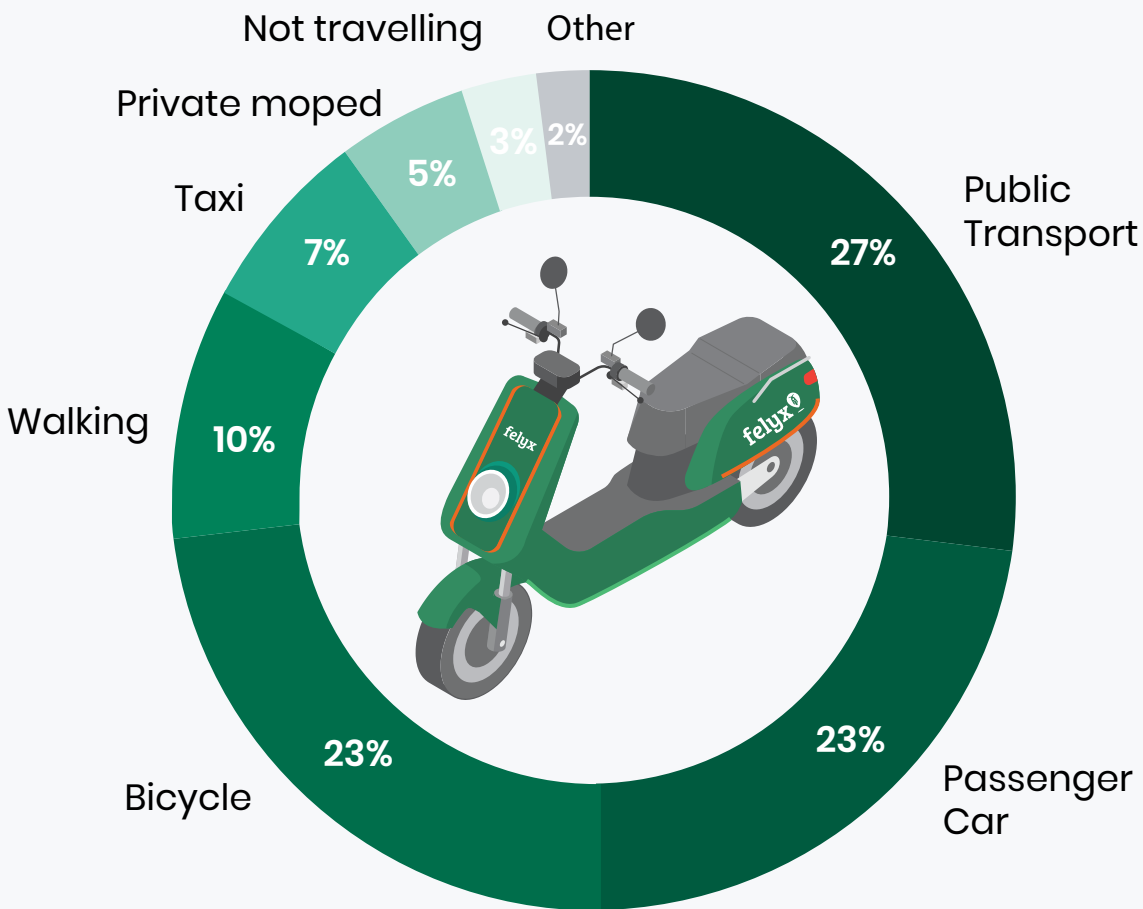
At felyx, we still have a long way to go, but we’re constantly seeking ways to improve. We’re fully conscious that vehicle manufacturing and sourcing generate CO2 emissions, and that lithium batteries are produced using scarce materials. That’s why we’ve set ourselves the target of reducing our total carbon footprint (as measured by Climax) by 25% in 2025 compared to 2021. That means we will decrease from 194 to 145 grams per person.km.

We plan to achieve this by enhancing the lifetime of our vehicles through in-house repairs and maintenance, improving the quality of our spare parts, reusing as many spare parts as possible, striving to attain our B Corp certification and using it for continuous improvement, encouraging our customers to replace more car rides, motivating our employees to make sustainable choices, and much more. We’re dedicated to doing our part to help construct a more sustainable future, and we hope you’ll join us on this journey.

Co2 emmisions per mode of transport NL Co2 –equivalents / pkm



Share of transport modes replaced by shared moped rides by percentage







**Positive actions  
we've taken**



Although there's still a great deal of work to be done in terms of becoming greener, we'd like to take a moment to celebrate all our initiatives that have resulted in a positive impact on the environment.

### Recycling tyres

To reduce our carbon footprint, we recycle our worn-out tyres. Reedijk Used Tyres repurposes our worn-out tyres by converting them into rubber granulate. This rubber granulate is then used for playgrounds and gyms.

### Upcycling leg covers

We've given our leg covers a second chance by upcycling them into gloves (for customers), tote bags (for employees), and our own circular hairnet pockets that can be found in our top cases. We achieve this with the assistance of Re-Banner, a company that utilises discarded materials to create new items, preventing them from entering the waste stream. By producing our own circular hairnet pockets, we reduce emissions resulting from leg cover waste, and no new hairnet pockets are manufactured.

### Recycling waste

We separate our general waste, such as residual, plastic, polycarbonate panels and carton, and we collaborate with PreZero to ensure that it can be transformed into new raw materials for reuse. In terms of battery water, it's being cleaned from pollution.







### Extending the lifespan of batteries and upcycling them

As our mechanics are trained by NIU (the manufacturer of our e-mopeds) to carry out minor repairs on our batteries, the NIU N-sharing Battery Maintenance training protocol significantly extends the lifespan of the batteries. It also prevents the need to ship these batteries to a central maintenance facility of the manufacturer.

More complicated repairs are carried out by NOWOS, an expert in lithium batteries. If a battery is not repairable, NOWOS refurbishes the functioning parts of the battery to avoid waste. Ultimately, this approach enables us to get the most out of our batteries as well.

Additionally, we've upcycled our e-moped batteries as storage space for solar energy. This initiative extends the battery life from 4 to 9 years before recycling. Together with our partners A&M Recycling and StoredEnergy, we close the loop in the battery life cycle.



**Incentivizing  
greener rides &  
taking actions  
for our planet.**





### Green Friday, November 2021

All felyx customers who took a RCC with us were rewarded with free riding minutes. Additionally, for the rides made during the Green Friday weekend, we donated to #TeamTrees to plant 1.000 trees worldwide.

### Earth Day, April 2022

In celebration of this day, we made a donation to #TeamSeas to remove 1 kilogram of rubbish per 100 rides. As a result, a total of 675 kilograms of rubbish was removed from the world's oceans.

### Green Friday, November 2022

To encourage people to replace polluting and congesting car rides with more sustainable means of travel, we offered incentives to customers if they made a ride equal to or longer than 20 minutes rides. Additionally, for every 4th ride equal to or longer than 20 minutes made, we donated to #TeamTrees to plant 1.500 trees worldwide.

### Green energy contracts

We believe in taking responsibility for our actions to become more sustainable. That's why we're pleased to share that, for our maintenance locations where we can make a conscious choice, we opt for greener energy from sunlight and wind provided by PureEnergie.











## Extending the lifespan of e-mopeds & reducing spare part use

Since our operations are sourced in-house, we can extend the overall lifespan of our vehicles and accessories through repairs, ultimately minimising their environmental impact. We also perform preventive maintenance to preserve spare parts whenever possible. Here are some examples of what we do:

- **Plastic Welding:** from 01/11/2022, we've welded 680 panels, resulting in a CO2 reduction of 1,628kg.
- **Reuse of parts:** if possible, we reuse parts from old and broken components. For example, with the ECU's, we reuse cables that are still functional.
- **Decrease part turnover:** we're currently testing an alternative phone holder to decrease the turnover rate of our present model.

## Electric vans and cargo bikes

Our fleet of vans that we use to charge our vehicles, is entirely electric. We're also introducing electric bikes to further enhance energy efficiency. You might have spotted one in cities such as Nijmegen and Amsterdam.

## Internal engagement

As a team, we also endeavour to go beyond the areas where we have a direct influence. That's why we support and participate in environmental projects with similar sustainable objectives. For instance, taking part in a beach clean-up with Juttersgeluk, hosting sustainability speakers to expand our knowledge about green practices, offering a fully vegetarian lunch once a week by de Buurtboer, and encouraging our employees to contribute to sustainable initiatives through our sustainability idea box.



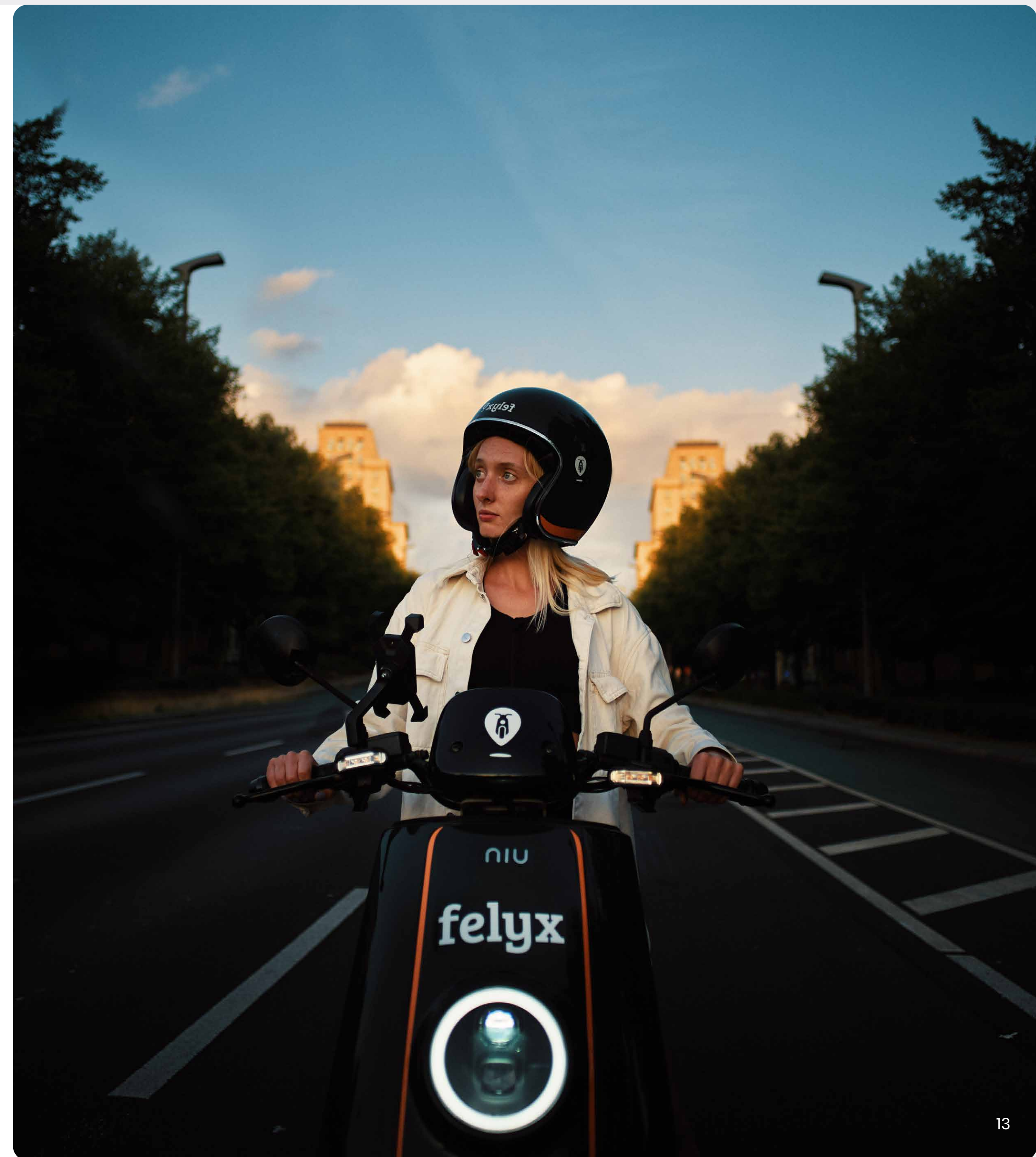
# Our commitment to SDGs & B Corp



At felyx, we recognize that businesses play a crucial role in creating a positive impact on society and the environment. That's why we have integrated the United Nations' Sustainable Development Goals (SDGs) into our business model. We are committed to aligning our business practices with the SDGs and contributing to a sustainable future.

- **SDG 9 Industry, Innovation, and Infrastructure** calls for the development of resilient infrastructure and innovation to support economic growth and human well-being while reducing the impact on the environment. At felyx, we are committed to building a mobility infrastructure that is resilient and ready for a post-carbon world. We are continuously innovating to stay ahead of environmental and economic challenges and contribute to a sustainable future.
- **SDG 11 Sustainable Cities and Communities** aims to create inclusive, safe, and sustainable cities and communities. At felyx, we are committed to providing safe, sustainable, and affordable transportation for everyone, regardless of their socio-economic status or background. We aim to promote social inclusion and provide equal opportunities for everyone to move freely and safely within the city. By doing so, we hope to contribute to the creation of more inclusive and sustainable cities and communities.
- **SDG 17 Partnerships for the Goals** highlights the importance of collaboration and partnerships in achieving the SDGs. At felyx, we actively seek collaborations with stakeholders such as municipalities, NGOs, and other businesses to work towards a world based on the SDGs. As a member of MVO (CSR) Netherlands and one of the 10 organizations in their agenda-setting leading group, we welcome partnerships that can help us further our positive impact on all communities where we operate.

As part of our commitment to sustainability, we are proud to have applied to become a B Corp. We participated in the Building Better Business program to increase our social and environmental impact and prepare for the B Corp certification process. The program helped us integrate all our sustainable goals and business practices into our B Impact Assessment. We are currently on track to complete the certification process by the end of 2023. The B Corp label will hold us accountable for our environmental and social responsibility, and we look forward to taking our commitment to sustainability to the next level.





# Thank you!

We're committed to taking responsibility for our actions & becoming more sustainable. This is our first sustainability report, and we're always looking for feedback to improve.

Please feel free to reach out to us via email [public\\_affairs@felyx.com](mailto:public_affairs@felyx.com) or check [felyx.com/sustainability](https://felyx.com/sustainability)

Lastly, we want to thank all our partners for their contributions to our sustainability initiatives.




**Climax.**

**FEEDIUK**  
PREMIUM WHEELS & TYRES

**NOWOS**

 **ClimatePartner**

 **RE-BANNER**  
FOR CIRCULAR SOLUTIONS

 **pre zero**

**Stored Energy**