



AIRTHINGS

Sustainability Report 2020

About the Report

As part of Airthings’ commitment to the UN Global Compact initiative, we have created this sustainability report to cover the period from May 2020 to March 2021. The full report to be sent to the UN Global Compact can be found at airthings.com/sustainability.

This Sustainability Report was prepared in accordance with the principles of the United Nations Global Compact (UNGC) initiative and in line with the Sustainable Development Goals (SDGs). We use these “SDGs” as a framework to create our Environmental Social and Governance (ESG) actions. This report describes Airthings’ first year of its sustainability journey. As a first step, we decided to prioritize and incorporate the SDGs into the Airthings’ main strategy. This report explains our approach to how we assess our risks, impacts and opportunities on key issues that we think we can make a difference. These include

human and labor rights, environmental impact, anti-corruption and occupational health, and wellbeing. We think it’s key for every business to address social and environmental issues. Therefore, we want our internal actions as well as our products, to help create responsible environmental and social impacts on the health and wellbeing of the people and the planet.

This is our first Airthings Communication on Progress (COP) report. Keep reading as we describe our actions to continually improve the integration of the Global Compact and its principles into our business strategy, culture and daily operations.



UN GLOBAL COMPACT

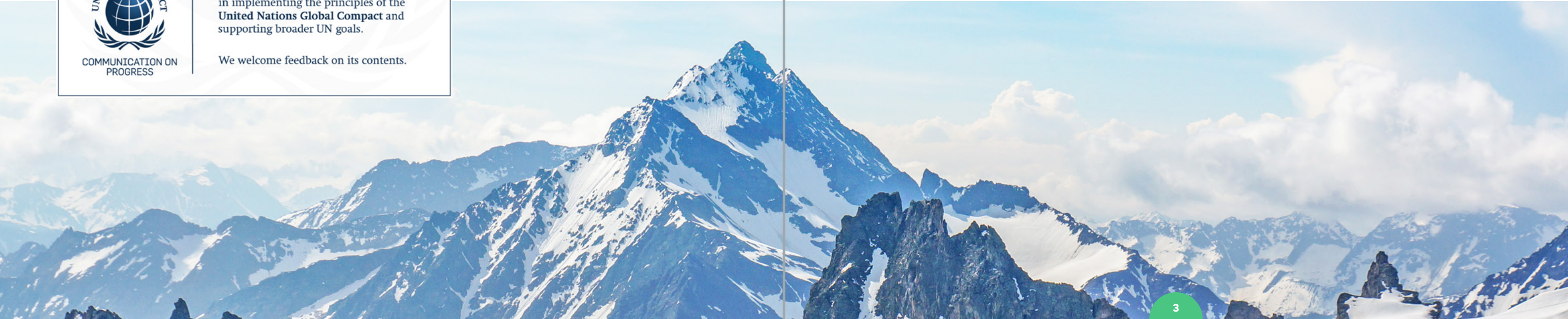
COMMUNICATION ON PROGRESS

This is our **Communication on Progress** in implementing the principles of the **United Nations Global Compact** and supporting broader UN goals.

We welcome feedback on its contents.

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CEO message



Dear Airthings stakeholders,

I am pleased to confirm that, in light of our passion and commitment to sustainability, Airthings wants to continue our sustainability efforts as a participant in the United Nations Global Compact. We will do this by following the UN's ten principles, which focus on the environment, human rights and anti-corruption. Airthings is a purpose-driven company that cares about making a difference for our people, planet and the way we do business. By adhering to the ten principles, we hold ourselves accountable.

What does this mean for you? An enormous 40% of global energy consumption comes from buildings, so we have the ability to make a huge impact¹. Whether you own an Airthings air quality monitor, work with Airthings or have the Airthings for Business solution installed in your workplace you can rest assured that we are committed to making a sustainable future for everyone. Since the start of this journey, we helped our customers reduce 567 tons of CO_{2e} so far². That is the equivalent of removing 138 cars from the road.

In pursuit of a sustainable organization, it is not simply the reduction in CO_{2e} that needs our attention. Instead we focus on three things; people, planet and business. From the 17 Sustainable Development Goals (SDGs) laid out by the UN, we have chosen 5 key ones which we plan to focus on. These include:

- **SDG#3 - Good health and wellbeing** : We empower people to take control of their air quality ensuring a healthy lifestyle.
- **SDG#8 - Decent work and economic growth**: We are very proud of our diverse team with over 20 nationalities and counting and we treat everyone equally.
- **SDG#11 - Sustainable cities and communities**: We use innovation as the essence of Airthings to improve health and productivity of urban communities.
- **SDG#12 - Responsible consumption and production**: We want to improve our unsustainable practices in our value chain by developing an innovative business model you feel proud of.
- **SDG #13 - Climate action**: We are looking at our products life cycle, to take action to decrease our GHG impacts, at the same time, our products save 15% of energy in buildings.

This is the first of our annual sustainability communication progress report. Every year, we commit to describing our actions to help continually improve the integration of the Global Compact and its principles into our business strategy, culture and daily operations. We also commit to sharing this information with our stakeholders, as without you this would not be possible.

All the best,

Oyvind Birkenes, CEO, Airthings
22nd of April 2021

¹ European Union, *Impact Assessment*, 2018, https://ec.europa.eu/info/news/questions-answers-energy-performance-buildings-directive-2018-apr-17_en
² Calculations based on estimates of energy saved from buildings controlled by Airthings devices.

Airthings helping people & planet

This is Airthings

Airthings is a global tech company and producer of award-winning radon and indoor air quality monitors for consumers, businesses, and professionals. Established in 2008 and led by a team of experienced scientists, engineers, leaders, and visionaries. Airthings is on a mission to empower the world to breathe better through simple, affordable, and accurate technology solutions while optimizing energy consumption in buildings.

The Airthings story

Every idea starts with a problem: radon testing for homeowners hadn't improved in almost 30 years. Several particle physicists working together at CERN (European Organization for Nuclear Research) saw a gap in the radon market—or more like a deadlock. Traditionally, consumers only had two options: call a professional to test their radon levels, or purchase a single-use charcoal test which was then sent to a lab for the results.

Airthings founders went to work creating the very first consumer digital radon detector. Airthings was founded to break free from these traditions and put consumers, as well as business owners, back in control of their indoor air quality. Today, we have branched out from a pure radon focus, to monitoring and controlling a wide range of air quality issues for homes, businesses, and professionals. Headquartered in the heart of Oslo, and with offices in the US, Canada, Germany and Sweden, Airthings has over 120 employees from more than 29 nationalities and counting.

International recognition

Airthings' radon and air quality monitors have received several awards including the TIME's

Best Inventions of 2019 award and CES 2021 Innovation Award Honoree. Recently, the company received Frost & Sullivan's 2020 Global Product Leadership Award in the indoor air quality monitoring industry. The award recognizes companies that offer a product or solution that deliver the best quality, reliability, and performance in the industry.

Airthings is a proud supporter of the American Lung Association's LUNG FORCE initiative and the Norwegian Asthma and Allergy Association.

Airthings technology

Airthings has introduced a steady stream of innovative solutions for consumers, businesses, and professionals, tackling indoor air pollutants such as radon, carbon dioxide (CO₂), and airborne chemicals (VOCs), as well as energy efficiency in buildings. The heart of our system is in the cloud where we provide advanced analytics and insights from the data. Airthings is gathering massive amounts of data from sensors in homes and buildings around the world. Our technology and solutions are done in-house.

Our technology and solutions are done in-house: from industrial design and radio protocol, to app creation, software and firmware. The majority of products are smart products with corresponding apps, online dashboards, an API, plus a constant stream of new features. Airthings' offerings now include digital radon detectors as well as smart indoor air quality monitors and solutions for homes, schools, offices, restaurants, and other commercial buildings—earning a reputation for true leadership in the industry.



Airthings sustainability challenges and SDGs

In 2020, we worked on identifying not only our direct and indirect negative risks on the environment and on human rights throughout our value chain, but also how Airthings provides products and services that contribute in achieving the SDGs.

We have assigned 3 main challenges: business, people and planet. The changes we make to the way we do business will have a direct impact

on the people and the planet. Each of these dimensions have subcategories which are challenges that Airthings is taking into account in order to minimize our environmental footprint and enhance our social impact. Here you can see each of these challenges and opportunities:

Sustainability Challenges



Even though we have prioritized five SDGs, we have two main positive contributions to them that we want to display:

SDG-3 Health and Wellbeing:

We contribute to SDG #3 by empowering people to improve their health and wellbeing by creating awareness of the air we breathe. On average people spend 90% of our time indoors. It is shocking though, that the air we breathe most—indoor air—is often 2 to 5 times worse than outside (Allen and Macomber, 2020).

Radon gas for instance, gets trapped indoors, killing more than 20,000 people every year in Europe, 21,000 in the US and over 350 in Norway alone (European Commission 2004, EPA 2016, NGU 2017). There is also particulate matter (PM 2.5) which comes from city pollution, combustion from cooking and fireplaces, as well as wildfires, dust and other allergens. PM 2.5 is a known factor in heart attacks and cancer and the leading cause of death due to poor air quality, causing an alarming rate of 379,000 premature deaths in Europe every year (Miljodirektoratet, 2020). Also very important, good air quality is proven to help with sleep, decision making, focus, productivity and overall well being. Just recently with the pandemic, these facts have come to the forefront in the news.



With Airthings air quality monitors, simple changes at home, at work, at school, make a big difference in our overall health, safety and wellbeing. Monitoring and learning about the air we breathe will empower us to breathe better, and change our habits to incorporate air circulation and ventilation.

SDG-13 Climate Action:

We contribute directly to this SDG as our devices are able to help decrease the energy consumption in buildings and housing. Because people spend 90% of their time indoors (Allen and Macomber, 2020) buildings require a high amount of energy consumption to sustain air circulation and comfort levels. Therefore, buildings are Europe's largest energy consumer, accounting for approximately 40% of EU energy consumption and accounting for 36% of the total CO2 emissions in Europe (European Commission Report, 2018). With Airthings devices and solutions we are able to contour the ventilation system and help customers decrease their energy consumption up to 25%. Approximately 10% of energy consumption can be saved by optimizing heating, ventilation and air conditioning, while on average during operating hours, 15% of energy consumption can be saved by aligning indoor and outdoor pressure.



³ Allen and Macomber, 2020, Healthy Buildings, <https://www.fastcompany.com/90506856/we-spend-90-of-our-time-inside-why-dont-we-care-that-indoor-air-is-so-polluted>

⁴ European Commission, 2004, Radon gas in homes increases lung cancer risk, https://ec.europa.eu/commission/presscorner/detail/en/IP_04_1539

⁵ Environment Protection Agency, 2016, Health Risk of Radon, <https://www.epa.gov/radon/health-risk-radon>

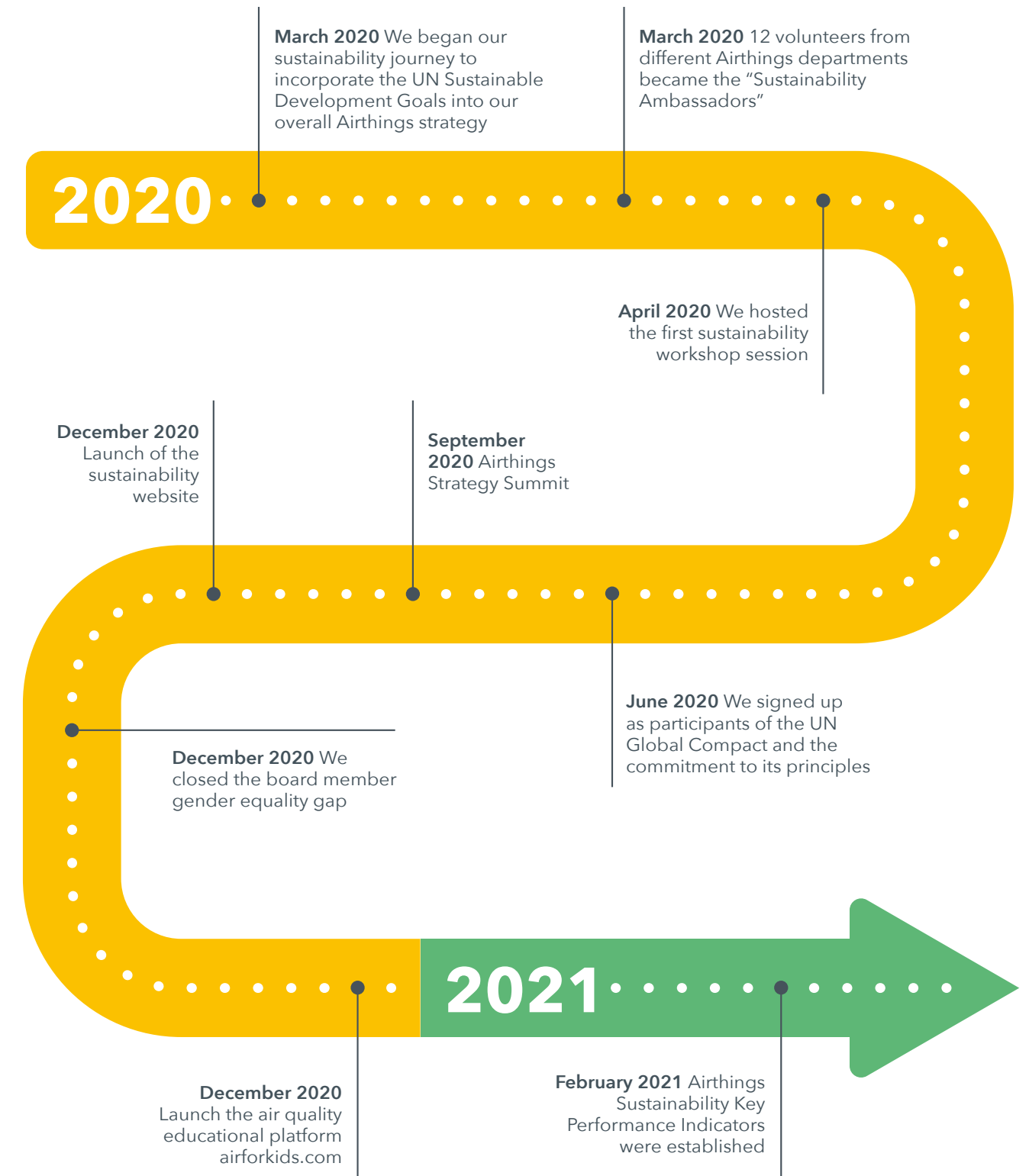
⁶ Geological Survey of Norway, 2017, Radon Hazards,

<https://www.ngu.no/en/topic/radon-hazards#:~:text=Long%20term%20exposure%20to%20radon,cancer%20each%20year%20in%20Norway>

⁷ Allen and Macomber, 2020, Healthy Buildings, <https://www.fastcompany.com/90506856/we-spend-90-of-our-time-inside-why-dont-we-care-that-indoor-air-is-so-polluted>

⁸ European Commission, Impact Assessment, 2018, https://ec.europa.eu/info/news/questions-answers-energy-performance-buildings-directive-2018-apr-17_en

Airthings sustainability timeline 2020

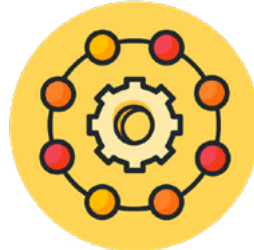


Highlights in 2020

3 Sustainability Dimensions:



People



Business



Planet

5

Sustainable Development Goals (SDGs) prioritized

9

Key Performance Indicators

11

Material Issues

50

Opportunities identified

Airthings has helped reduce

567

TONS OF EMISSIONS (ESTIMATE)

through energy optimization from customers, businesses and homes

Airthings main **strategy and values** have been embedded with the UN SDGs

A strong **60/40 ratio** of female and male board members



We are committed to a diverse and inclusive company. We are proud of our diverse working culture which includes **29 nationalities**.

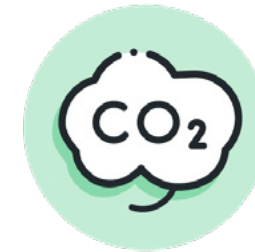


We are committed to become a **climate positive company** by 2026

Over 50%

of Airthings **sustainability impacts** are in the zone of control & high impact

2021 Sustainability specific objectives



Quantify Airthings **CO₂ emissions** scope 1, 2 and 3



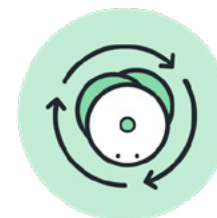
Create internal **environmental** and **human rights** policies

Create a
GRIEVANCE PLATFORM

for internal and external stakeholders



Create an environmental and social suppliers **Code of Conduct**



Life cycle assessment >5 of our products

KPIs

Quantify main targets for each of the sustainability **key performance indicators**



Create Airthings **Circular Principles**

Be eligible for a **sustainability certificate and ranking**



Quantify **waste** in our daily business operations

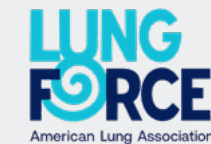
Sustainability key performance indicators



Health awareness partners



ASTMA- OG
ALLERGIFORBUNDET



Sustainability organizations and commitments

The 10 UN Global Compact Principles:

Human Rights	Labor	Environment	Anti-Corruption
PRINCIPLE 1 Businesses should support & respect the protection of internationally proclaimed	PRINCIPLE 3 Businesses should uphold the freedom of association & the effective recognition of the right to collective bargaining	PRINCIPLE 7 Businesses should support a precautionary approach to environmental challenges	PRINCIPLE 10 Businesses should work against corruption in all its forms, including extortion & bribery
PRINCIPLE 2 and make sure that they are not complicit in human rights abuses	PRINCIPLE 4 the elimination of all forms of forced & compulsory labor	PRINCIPLE 8 Undertake initiatives to promote greater environmental responsibility	
	PRINCIPLE 5 the effective abolition of child labor	PRINCIPLE 9 Encourage the development & diffusion of environmentally friendly technologies	
	PRINCIPLE 6 the elimination of discrimination in respect of employment and occupation		





AIRTHINGS

Breathe better. Live better.