



# BACHMANN Sustainability Report



With this report we are informing the public about the sustainability progress of the BACHMANN Group. It contains general information about sustainability, information about measures that have already been carried out, and the objectives, with which we can raise our positive impact and reduce our negative impact to the environment and society. The term sustainability includes ecological, economic and social perspectives.

Sustainability is in the central part of the BACHMANN sphere. BACHMANN considers future-oriented positioning in competition to be important. The environmental protection and the social responsibility are of high importance as much as the high quality of the products, the health and safety of our employees. With the signing up for the United Nations Global Compact of our headquarter and the commitment to the ZVEI's Code of Conduct, we commit ourselves to support the sustainable economics actively. Our production facilities follow ISO 14001 certification in their operations. Our processes are designed in a way that resources are conserved, and emissions are avoided as far as possible.

Sustainability does not only exist in the BACHMANN Group, but we also consider our whole supply chain as a part of our responsibility. We work towards good working conditions and high occupational safety at our suppliers, which also take environmental and climate protection aspects into account. One of our sustainable goals is to develop and produce high-quality and durable products, that will continuously meet customer and environmental requirements. Our products are innovative and customer-oriented, the components are mainly obtained from Europe and Southeast Asia. We maintain long-term and fair business relationships with many suppliers.

## Progress 2020/2021

To show our determination to the stakeholders and increase the sustainability of BACHMANN Group systematically, we have launched the program Blue Responsibility @ BACHMANN, which is directly under the leadership of the top management. Through a materiality analysis (in the first step only for the headquarter internally) we could define the most essential issues, which have the biggest impact in the field of tension between BACHMANN and its environment. These issues have been summarized into four SDGs (8 - good jobs and economic growth, 9 - innovation and infrastructure, 12 - responsible consumption, 13 - climate action), which will be considered as the focus in the next years.



Besides the fundamental materiality analysis, following measures have been carried out in the last 12 months and objectives have been planned for the next 12 months.



For more information please visit [www.bachmann.com](http://www.bachmann.com).

# Environmental progress:

## Measures

### LED lightening



During the last years, Bachmann Romania has switched almost entire lightening to LED. This changing has reduced the consumption by 65%, from 208 kWh to 73 kWh per day.

Since 2019 Bachmann Eletronics Co., Ltd. switched 82% lighting to LED and has saved more than 100 kWh per day. A complete switch is planned for end of 2021.

Bachmann Elektrotechnik GmbH has switched 100% lighting to LED and has saved 55.000 kWh (incl. savings with new machines) yearly.

### Packaging recycling



Since 2019 Bachmann GmbH collaborates with its waste disposer regarding recycling of packaging materials of its products. During these two years Bachmann GmbH has saved 947 tons of resources and additionally 126 tons of CO<sub>2</sub> emissions.

Since 2019 Bachmann Electronics Co., Ltd. motivated the suppliers to switch from cartons to reusable boxes. More than 80% of the packaging will be switched till 2023. Yearly 7 tons of cartons have been saved.

### Paper saving & recycling



Since 2019 BACHMANN Hong Kong Ltd. set up recycling trays to re-use paper in BHC, and already planned sending the 2-sides used paper to a Recycling Store of Environmental Protection Deptment for recycling of reusable materials.

Since 2019 Bachmann Electronics Co., Ltd. started paperless work. Today 40% of data are saved digitally. Till 2023 it will be 100%.

### Electricity instead of fossil fuels



Since 2019 Bachmann Electronics Co., Ltd. Uses electricity instead of fossil fuel energy and has saved 5.000 Liter fuel consumption and 1.800 kg LPG per year.

## Objectives



In 2021, Bachmann GmbH plans to make the first step to the climate neutrality. Currently the CO<sub>2</sub> emissions are being accounted. The emissions will be compensated through meaningful projects and reduced through process optimization e.g. integration of electrical mobility into the car fleet.

In 2022, Bachmann Romania plans to reduce grid energy consumption through a photovoltaic plant. The photovoltaic plant has an annual power output of 130 MWh. The CO<sub>2</sub> emissions will be lower by 40.12T/year, and radioactivity waste will be reduced by 0.38 kg/year.

Bachmann Eletratechnik GmbH plans to build 10.000 m<sup>2</sup> photovoltaic on the roof of the factory building.



For more information please visit [www.bachmann.com](http://www.bachmann.com).

# Social progress:

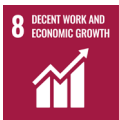
## Measures

### New Work-Life experience



In connection with the Covid-19 pandemic in 2020, Bachmann GmbH has not only implemented mobile working (including) from home to the duration of the pandemic but has also integrated mobile and flexible working into a new and future-oriented working model. With the introduction of “Hybrid Work” Bachmann GmbH is stepping on a new cultural milestone in the interests of employees to further improve the compatibility of family, leisure time and work. The integration of work in life. At the same time, the working time model has been adapted to the new requirements to create the necessary framework conditions for the new work culture so that work can be done flexibly regardless of time and location. Mutual trust and trust in everyone play a central role within BACHMANN.

### Donation



In December 2020, Bachmann GmbH supported the German Children and Youth Foundation and the Stifterverband Association in their funding programs on the Education Day. The program “Technovation Girls Germany” helps young girls in Germany in developing their digital competence. The program “100 times impact” collects ideas for a better education, science, and innovation.

In August and September 2021, Bachmann GmbH helped the regions in the flood areas in Northwest Germany with manpower and donations in kind. 10 employees have worked on site as volunteers and nearly 100 pieces of electrical products (cables, sockets, lamps etc.) were sent to the regions for free.

In 2019 and 2020 Bachmann Hong Kong Ltd. also donated to the Bo Charity Foundation Ltd., which aims to reduce food waste. They rescue 35 tons surplus food each week and prepare over 10.000 free meals and 2.000 food packs per day to people who need food assistance. Donations went also to Christian Zheng Sheng Association Ltd., who helps the drug addicted teenagers, provides them with education and helps them to start a new life.

### SDG 1



In 2020 we continued our sponsorships to 3 kids through the organization World Vision, who supports kids, families and their environment in the fight against poverty and injustice. Through our sponsorships, the kids gained access to schools, received hygiene education, values-based education and health education. They also attended violence prevention workshops and child labour prevention workshops. They and their community have a better future because of our support.

Our vision, which drives us every day, is: We, the BACHMANN Group, promote people’s Life Quality every day, worldwide. For us, the people are the most valuable assets of our business. Everyone has contributed to our success and laid the foundation for our BACHMANN Community, in which the values “Future Viability, Authentic You, Respect, Passion and Trust” are invaluable to us. Thus, we are highly motivated to improve the Life Quality for all the people through our sustainability actions.



For more information please visit [www.bachmann.com](http://www.bachmann.com).

If you have inspirations or questions to Blue Responsibility @ BACHMANN, please feel free to contact

Ms. Yinyin Li (Sustainability Manager)

+49 711 86602 416

Blue-responsibility@bachmann.com

Yours sincerely,

BACHMANN Group

2021-09

---

Appendix – Document list (please reach to your contact person @ BACHMANN or Blue Responsibility to receive the sustainability documents)

Global Compact Business commitment letter (EN)

ZVEI's Code of Conduct (DE)

ZVEI's Code of Conduct (EN)

ZVEI's Code of Conduct (CN)

Declaration of Conformity ISO 14001 (DE)

Energy Audit DIN EN 16247-1 (DE)

Declaration of Conformity Packaging Act (DE)

Recycling Certificate (DE)

Resources SAVED Certificate (DE)

Declaration of Conformity WEEE (EN)

Declaration of Conformity WEEE (DE)

Declaration of Conformity RoHS, REACH, PAH (DE)

Declaration of Conformity RoHS, REACH, PAH (EN)



**For more information** please visit **[www.bachmann.com](http://www.bachmann.com)**.