



ANRIN

LEADING WATER

Sustainability report

ANRIN GmbH
2023/2024



Table of contents

Management.....	04
The company.....	06
Strategies, ideas.....	08
Green power certificate – Stadtwerke Soest.....	10
Management systems, sustainability management	14
Human rights and society	16
Environment	18
System key figures	20
Overall balance certificate, ecocockpit	22
Summary	24




1. Management

Established in 1971, ANRIN GmbH is a family-owned enterprise that continues to be managed by its owners. The company underwent a name change in 2012 to ANRIN GmbH. Originating from the building materials trade, it began producing drainage channels in the 1960s. Initially tailored for industry, mining, and agriculture, these products have evolved into a standardized range, now catering to the broader building materials trade.




Markus Bürger




Gerald Broermann

Entering its second generation, our objective is to align the company with climate and global shifts, focusing on future-oriented production.

In adherence to our sustainability strategy, we uphold the principles outlined in the German Sustainability Code.

2. Our Company and the Core Process

ANRIN specializes in the production of drainage channel systems, complemented by a range of components like gratings, locking mechanisms, and joint technology. Our modular system solutions cater to diverse applications in linear drainage, allowing flexible combinations of basic components as needed.

Logistics and traffic areas, petrol stations, schools, sports facilities and supermarkets are equipped with

drainage systems from ANRIN. Millions of produced and processed branded drainage channels provide the experience that planners, retailers and building contractors can rely on.

An in-house research and development department with a team of civil engineers, mechanical engineers and process engineers ensures that new ideas are implemented with the appropriate know-how.

Thanks to the short decision-making processes at ANRIN, employees can react quickly and flexibly to all customer requests. With well-structured logistics and an extensive warehouse in Anröchte, the company's headquarters, ANRIN supplies the building materials trade throughout Germany and Europe in the shortest possible time. In order to further expand and maintain the desired partnership with the dealers, the design department constantly reacts to the requirements of customers and technicians.

Details and basic features of the products are continuously improved. A specially established environmental team, consisting of 8 members from our various departments, deals with environmental issues on an ongoing basis. This includes new projects, ideas and the conservation of resources.

In the course of global events, ANRIN GmbH is also adapting to the needs of interested parties in order to keep pace with global change and continue to operate at a high level.

ANRIN
LEADING WATER





3. Strategy and Ideas



Ecology



Environmental Protection



Sustainable Development



Think Green



Green Technology



Industrial Ecology (IE)



Electric Car



Renewable Energy



Solar Power



Reuse Reduce Recycle



Fresh Water



Healthy Lifestyle

The German government's recent launch of the updated Climate Protection Act, accompanied by a comprehensive climate protection program, reflects its commitment to ambitious climate targets. The renewed emphasis on future greenhouse gas emissions development underscores a strengthened collective responsibility across all sectors, maintaining transparency within each sector.

As part of this commitment, we provide a comprehensive overview in this report of our endeavors in sustainable corporate management, detailing our achievements, ongoing efforts, and future initiatives. In an era where global environmental challenges and social responsibility are increasingly prominent, our dedication to sustainability extends beyond our products to permeate our daily operations.

This report is a testament to our commitment to transparency and continuous improvement. We not only share our successes but also openly discuss the challenges we encounter, offering a clear view of our environmental, social, and economic commitments.

Our uninterrupted production of polymer concrete drainage channels since 1972 reflects not just years of experience but a steadfast dedication to innovative and sustainable materials in the construction industry. Polymer concrete, weighing only about 25% as much as comparable concrete bodies, not only provides a lighter alternative but also enhances mechanical properties like strength and durability.

Notably, our production of polymer concrete channels doesn't require precious process water. The regional sourcing of solid materials, constituting 90% of the composition, minimizes transport routes, contributing to a further reduction in environmental impact.

Additionally, our commitment to renewable energy is showcased through the installation of a 91KWP PV system at the end of December 2023, leading to a self-consumption share of approximately 69,000 kWh per year. To cover our remaining electricity needs, we rely on green electricity from Stadtwerke Soest, for which we have received certification. This reflects our dedication to environmentally responsible practices in both our production processes and energy consumption.

Green Power
Certificate
Stadtwerke Soest



Ökostrom Zertifikat



Dieses Zertifikat garantiert der

ANRIN GmbH, Siemensstr. 1, 59609 Anröchte

eine Versorgung mit **100% Ökostrom** durch die Stadtwerke Soest.

Der hier genutzte Strom wird in Wasserkraftwerken erzeugt. Die Betreiber der Kraftwerke investieren zusätzlich in erneuerbare Energieerzeugungsanlagen – z. B. moderne Windkraftanlagen, Wasserkraftwerke und Solarstromanlagen.

Durch den Strombezug von **100% Ökostrom der Stadtwerke Soest** wird nachweislich der Ausbau erneuerbarer Energieerzeugung gefördert. Dieser Ausbau steht im Einklang mit Mensch und Umwelt. Der TÜV Rheinland überwacht diesen Prozess.

Gültigkeit:

01.01.2023 - 31.12.2024

Ausgestellt durch:

Stadtwerke Soest GmbH, Aldegrevewall 12, 59494 Soest



www.stadtwerke-soest.de



ÖKOPROFIT
Soest-Sauerland

Active participation in the "Ökoprofit" project through the Soest district economic development agency is a testament to our commitment to environmental sustainability. This collaborative platform facilitates the exchange of ideas among numerous companies, fostering the development of new opportunities and projects.

Our commitment to reducing environmental impact involves the integration and optimization of various technologies. Initiatives such as utilizing compressors with higher-level control, upgrading power lines and switch boxes, and implementing LED conversions contribute to significant CO₂ savings. Additionally, optimizing batch sizes not only enhances operational efficiency but also conserves storage capacity, leading to resource conservation.

In a notable pilot project, we have successfully implemented a bio exhaust air system that surpasses the required standards outlined in the Technical Guidance on Air Quality Control 2029. This initiative resulted in an impressive reduction of over 72% in both CO₂ and VOCs.

Looking ahead, we have set ambitious goals, including obtaining ISO 14001 certification by April 2024, emphasizing our ongoing dedication to environmental protection and sustainability. Notably, we have already achieved certification according to the Water Resources Act (WRA) in October 2023.

Future initiatives encompass a holistic approach to sustainability. These include insulation of the building shell, installation of new windows, implementation of green roofing, expansion of our vehicle fleet to include hybrid options, and the creation of bee meadows. These initiatives reflect our commitment to continuous improvement and our proactive stance in addressing environmental challenges.



4. Management Systems

Our goals

- Reduction of CO2 emissions
- Responsibility towards the environment and society
- Conservation of resources
- Future viability
- Making a contribution to the environment
- Link between society, the economy and the environment

As a family-run company, ANRIN GmbH has been actively committed to environmentally friendly business practices for many years. Our guiding principle "Leading Water" illustrates our corporate philosophy of wanting to act in a sustainable, future-oriented and cross-generational manner.

Environmental management is a component of sustainability management and therefore a key instrument of operational environmental protection. Consequently, the addition of DIN EN ISO 14001 was a further step following the basis of DIN EN ISO 9001.

ANRIN GmbH has created a clear responsibility for internal environmental management by appointing an Environmental Management Officer and Sustainability Officer. This person assumes overall responsibility for the introduction, implementation, maintenance and continuous development of the internal environmental management system. The approval and release of the environmental policy, environmental targets and all necessary measures is the responsibility of the management, namely Markus Bürger and Gerald Broermann. As in production, short paths and quick decisions are guaranteed.



5. Human Rights and Society

Article 1, paragraph 1 of the German Basic Law
„Human dignity is inviolable“

For us, this translates to:

Social responsibility!

Human dignity isn't merely a phrase or a philosophical idea;
it's a duty.

At ANRIN, we embody and live by this commitment.

6. Environment



Nature and Species Conservation

Biodiversity is crucial for the sustained provision of essential services by nature, services upon which humans depend in the long term. Unfortunately, the current rate of biodiversity loss is alarming, progressing up to a hundred times faster than the average over the past ten million years.

In response, we actively contribute to the protection and safety of various species while creating new habitats for them.

Conserve Resources

Recognizing the finite nature of natural resources and the depletion of non-renewable raw materials, we are committed to responsible resource management. Soil, water, and the atmosphere are under increasing pressure due to overexploitation. The current pace of resource consumption far exceeds the Earth's sustainable capacity, with humanity consuming a year's worth of resources within eight months.

Our approach involves careful resource selection and a future-oriented mindset to minimize our impact.

Climate Protection

The Earth's atmosphere is experiencing unprecedented warming, leading to rapid changes in weather patterns, climate, and habitats globally. Regions worldwide are witnessing alterations that surpass the ability of both animal and human populations to adapt. In Germany, we anticipate more frequent heavy rainfall, heatwaves, and extreme weather events in the future.

To address this, we actively work to reduce CO2 emissions through the adoption of modernization and cutting-edge technology, contributing to the global effort to combat climate change.

7. System Key Figures

Renewable Energies

ANRIN recognized the enormous potential several years ago and has therefore invested generously in the expansion of climate-friendly energy sources on its own premises. The company's own photovoltaic system converts the energy from solar radiation into electricity and uses it directly in production. Charging stations are available for company vehicles.

Planned Savings for 2024:
Electricity generation of 91.000KW/h per year

CO2- Emissions

The CO2 emissions serve as a key indicator for the company to measure the environmental compatibility of its business activities. The monitoring results then serve as a basis for comparison in order to define and implement further measures to reduce emissions.

Energy source	Provider	Consumption 2022	Consumption 2023
Electricity	Stadtwerke Soest	223.056 KW/h	232.640KW/h
Gasoline	/	1256 l	2224 l
Diesel	/	39301 l	24707 l
Water	Lörmecke	479m³	715m³
Heating Oil	Schmidt	27995 l	27783 l

$t \text{ CO}_2\text{e}$

Company

Anrin GmbH

Title of Balance

ANRIN GmbH, Standort Anröchte

Accounting period: 01.01.2023 bis 31.12.2023

Accounting subject: Betrachtungszeitraum: Jahr 2023

Emissions & Description of the Balance Room



Balance standard: This certificate is to be understood as a self-declaration of the company. Depending on the self-selected system limit, the balance represents the sum of all direct and indirect greenhouse gas emissions of a company/site/process/product, expressed in CO2 equivalents (CO2e). The balance sheet is drawn up in accordance with the requirements for the quantitative determination and reporting of greenhouse gas emissions in accordance with the self-selected regulation or standard.

8. Summary



True to our guiding principle "LEADING WATER" we not only face up to the major challenges that need to be overcome, but also use the opportunities of sustainable action for our company, our employees and our environment.



We take
responsibility.
Now for the future.



ANRIN GmbH
Siemensstr. 1
59609 Anröchte
Germany

+49 (0) 29 47.97 81-0

www.anrin.com
info@anrin.com