



SUSTAINABILITY REPORT 2023

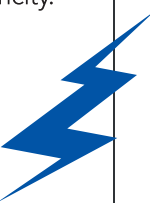


We have been working a long time...

...on sustainability

1979

Lennart Abrahamsson invests in two hydropower plants to generate electricity.



2008

We acquire our first wind turbine.



2010

Annie Lööf of the Swedish Centre Party presents her party's Entrepreneur Award to the company in recognition of its green profile.



2016

The first hybrid vehicles and charging stations appear.



2020

A solar farm is erected next to the company.

2024

100% green zinc

**GREEN
ZINC**

THE NEXT GENERATION

your zinc die casting specialist™

your zinc die casting specialist™

your zinc die casting specialist™

your zinc die casting specialist™

2002

Gjuteriteknik relocates to its current address, and the oil-fired boiler is immediately scrapped to be replaced by recycled process heat.



2013

The company receives the "energy award of the casting industry".



2018

Gjuteriteknik receives the Employer of the Year award from Värnamo municipality.



2019

Staff bicycles are offered to all employees. The vehicle policy is updated with a target of 100% electric vehicles by 2024.

2023

The company's inhouse solar energy production is increased six times over.

x6

2030

A value chain which is completely CO₂ neutral.

Sustainability is nothing new

Our work on sustainability globally...

Our vision

Gjuteriteknik's vision is that, regardless of the context in which we are encountered, it should be evident that sustainability permeates all we do. For us, sustainability means not leaving any problems or debts behind for those who come after us; rather, we always take responsibility for what happens here and now.

THE GLOBAL GOALS

For Sustainable Development



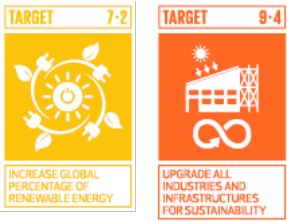
Filip Svedberg QUALITY MANAGER

- Our work on sustainability is continually changing and developing. Based on the UN's Global Goals and the areas of Environment, Staff, Social Relations, Human Rights and Anti-Corruption, we have produced a risk assessment for our current operations and their impact on our environment. This has led us to select the five focus areas described on the adjoining page and later on in this report. Within the areas of Anti-Corruption and Human Rights, we employ a Code of Conduct which you can read at www.gjuteriteknik.se. This Code sets out our policies. However, it is our considered view that our value chain is located in a part of the world where, at the moment, the level of risk in these areas is lower than in many other countries, and we have therefore chosen not to focus specifically on these areas in our Sustainability Report.

...and our local targeted priorities

Energy and Production

It has always been in our DNA to actively participate in developments towards greater use of renewables in energy production. Through long-term investments, we have gradually learnt how best to provide our business with the energy it needs, as well as to use modern technology to better utilise the energy we ourselves produce.



Sustainable supplier chain

As part of a supplier chain, we are no stronger than the weakest link. By working closely long-term with a few chosen suppliers, we are advancing hand in hand towards a more sustainable future.



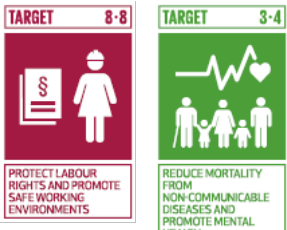
Construction/materials

Our vision is that each and every gram of zinc we add to a product should contribute to that product's potential to solve a problem. The more functionality we can add to a product together, the better the end product will have utilised the energy, materials and work we invest in the process.



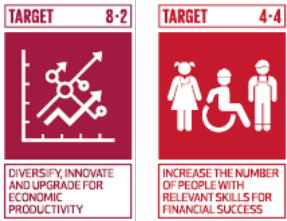
Employees

We set great store by building long-term, strong relationships with all employees, based on mutual respect. The bottom line should always be that the relationships must work both ways, building on a common understanding and respect for each other's starting points, differences and challenges.



Community

Gjuteriteknik is an active partner in developing the community. This means we get involved in the education/training system as well as other aspects of the community, actively inviting various interested parties to share in the experiences we have created.



What you give, you get back

Sponsorship

Sport is a marvellous thing in so many different ways. Being part of a group that is driven by shared aims and visions. Experiencing comradeship. Learning that hard work pays off. Learning that without enjoyment, your work will lead nowhere. Learning that to be alone is to be strong, but that by being together we are infinitely stronger. By and large, there is the same passion for the task and desire to develop in our company that we see among the clubs and societies we support.



	2017	2018	2019	2020	2021	2022	2023	MÅL 2024	MÅL 2027
Number of sponsored clubs and societies which are active in the local community	15	15	17	18	22	22	25	25	30
Number of active individuals in the clubs and societies we support				9740	10860	11134	11815	12000	14000

We see our sponsorship mainly as a way of thanking all clubs and societies for the charitable work they do each day in offering beneficial leisure activities to many thousands of young people, as well as the fact that their excellent work serves to market and enhance the attractiveness of our district.

Indirectly we are also fully convinced that “what you give, you get back”.



We are a proud sponsor of:

- Finnvedens Slalomklubb
- Värnamo Golfklubb
- Värnamo Södra FF
- Värnamo Innebandyklubb
- Värnamo Tennisklubb
- Värnamo Cykelklubb
- Värnamo Simsällskap
- Vandalorum
- Värnamobygdens Rytтарförening
- Bors SK
- Apladalens Löparklubb
- Forsheda Bowlingklubb
- Värnamo Boxningsklubb
- Värnamo Gymnastikklubb
- Nydala byalag
- Värnamo Frisbee disc Club
- Värnamo Volley
- IFK Värnamo
- VGIK, Värnamo Hockey
- Värnamo Martial Arts Center
- Hånger IF
- HV71



POWERED BY NATURE

FROM OUR OWN WIND TURBINES AND SOLAR PANELS

When, like us, your work involves smelting metals, then the question of how you provide the process with energy becomes highly significant. There is a clear link to costs and competitive edge; and the way in which it is addressed will be decisive for the extent to which the process can be run in a sustainable and climate-smart manner.

Although the source of the energy is a decisive factor, the single most important contribution to the climate is to ensure that every kWh that enters the premises is used in the most efficient way that is technically possible. By continually developing energy efficiencies and questioning energy consumption overall and in every detail, we can produce an increasing number of cast parts per kWh of energy used.

2023

ENERGY EFFICIENCY

1001

kWh/ton zink

GOAL 2027

900 kWh/ton zink

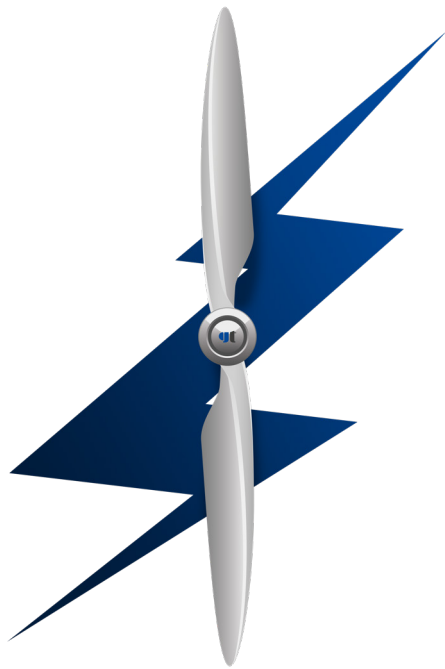


2023

WE PRODUCED

55%

more energy than we used



We can do it ourselves

For several decades, energy production and casting have gone hand in hand for us. Through continuous, long-term investments in our own energy production, we have built up an asset of inhouse-generated solar and wind power that more than covers our annual energy needs.

Every day that we, employees of Gjuteriteknik, go to work, we feel comforted in the knowledge that our production processes are powered entirely by homemade energy which is completely free of CO₂ emissions.

It is important to calculate how many kWh are used per ton of zinc.

1000 kWh / ton

	2018	2019	2020	2021	2022	2023	MÅL 2024	MÅL 2027
Energy efficiency (kWh/ton)	1109	1166	1241	1003	1027	1001	1000	900
Own electricity production (MWh)	9850	10720	10853	9366	9876	8243		
Self-sufficiency ratio	218%	177%	168%	127%	172%	155%		
Electrical energy used (MWh)	4525	6064	6465	7374	5744	5324		



Our own wind turbines located to the south of Värnamo

Interesting figures

Well-being. A very important progress factor in so many ways

An employee who feels happy at work is the key to everything. If you enjoy it, you will be good at what you do, and when you are good at what you do, then you enjoy doing it. When many people find what they do together enjoyable and are good at it, the pride in belonging to the team is enhanced, and an upward spiral is created.



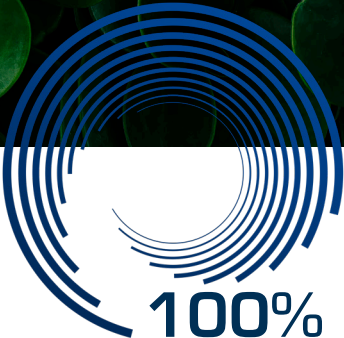
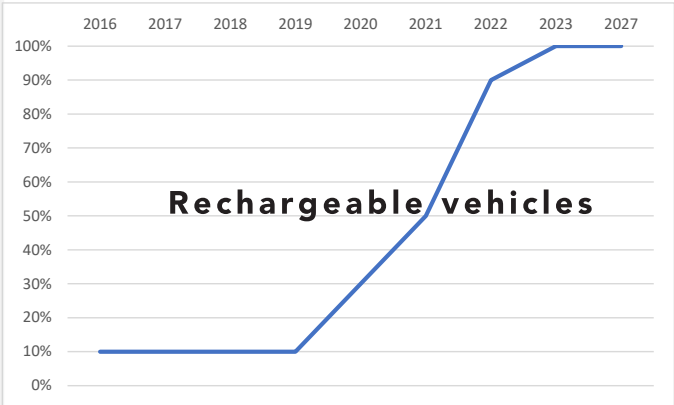
2023
WELL-BEING
96%

Employees

	2016	2017	2018	2019	2020	2021	2022	2023	MÅL 2024	MÅL 2027
Well-Being % good or very good					94%	94%	96%	96%		100%
Bike challenge Number of cycling trips to work					1500	2000	2300	2400	2500	2500
Rechargeable vehicles	10%	10%	10%	10%	30%	50%	90%	100%	100%	100%
GT ACADEMY Number of participants/year				140	21	0	129	142	150	250

For us at Gjuteriteknik, green zinc is the most eco-friendly material currently available on the market. We can be sure of this by only partnering with suppliers we know well, which are leading the way in developing sustainable value chains and whose progress we have witnessed with our own eyes on site. So, this also means that any material we purchase must be the most eco-friendly product the suppliers have to offer.

In short: For us at Gjuteriteknik, green zinc is the most eco-friendly product from the best suppliers.



100%
of our zinc can be recycled



Jiipiii

BIKE CHALLENGE
your biking specialist™

2023

2400

Number of cycling trips to work

MÅL 2027
5000 cycling trips

ZINC CAN BE RECYCLED
AT LEAST

1000

times

NUMBER OF
PARTICIPANTS 2023

142

ACADEMY

GREEN ZINC
2024

100%

of all zinc purchased is green

The value chain

Gjuteritechnik is a company that specialises in die casting zinc. We work in close cooperation with our customers throughout: from the initial concept, through the design process and production/logistics set-up, to project start-up. Our aim is that we, together with our partners, will have arrived at the most sustainable and cost-effective solution for our customer's needs once the product enters series production.



Local partners

Close, long-term relationships with our business partners are the basis for everything we deliver. By sharing examples of good practice and being curious about each other's progress, we drive development forward towards a more sustainable common future.

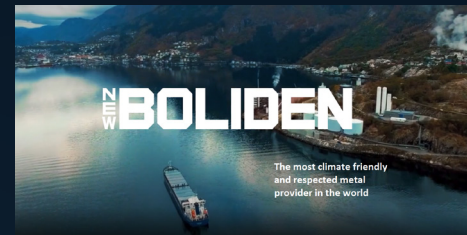


Our customers

In dialogue with our customers, we develop products which make best use of the positive features inherent in the material and process. We work in individual meetings and close cooperative ventures on projects and also run extensive training activities for designers and developers as part of our "GT Academy" concept.

Material suppliers

We only work with those material suppliers who share our underlying approach that the earth is something we have borrowed from future generations.



Our production

By doing all in our power each and every day to account as best we can for every single kWh, every gram of raw material and every working hour invested, we make sure that the resources deployed in our production processes result in maximum benefit for our customers' products.



Climate-smart logistics

We work in tandem with our customers to deal with logistics in a climate-smart way, together with major transportation providers. This involves e.g. using rail transport where possible, combined transport and optimised packaging sizes – solutions that have a major beneficial impact.



Sustainability requires stamina

Being honest and getting things right from the beginning can never be wrong.

The Board of Gjuteriteknik is responsible for this Sustainability Report. In it, you can follow some of the activities we at Gjuteriteknik have undertaken in the area of sustainability over the past year. In an area of rapid change, we do our best to keep our bearings and prioritise measures and activities that are truly sustainable and beneficial in real terms.

We are sometimes asked: how much does it cost to work sustainably? There is no extra cost to getting it right from the beginning in terms of resource efficiencies.

There is no extra cost to properly ensuring that each gram of purchased material ends up in a well-designed product delivering maximum benefit for our customers.

There is no extra cost to ensuring we build relationships with employees, society and other stakeholders which are productive, reciprocal and honest.

For us, the answer is obvious: sustainability, efficiency and competitive edge go hand in hand.

Jonas Abrahamsson

OWNER / OLDER BROTHER

This is where you can compare experiences.

During 2023, we have worked extensively with our material suppliers on the environmental impact of our products. We have calculated our carbon footprint in line with the GHG Protocol. We have gained ISO 26000 certification. We have worked on energy efficiencies, installing e.g. occupancy detection solutions in all our property systems etc.

To continue the development towards a sustainable future, we would be very interested to learn more about activities that have brought you success. By comparing experiences and providing examples of good practice, together we can continue to develop.

Until the next time.

Peter Abrahamsson

OWNER / YOUNGER BROTHER



gjuteriteknik.se



your zinc die casting specialist™