



SUSTAINABILITY

SUSTAINABILITY REPORT 2022

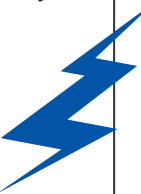


We have been working a long time...

...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.

2026

100% green zinc

Fossil-free zinc

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



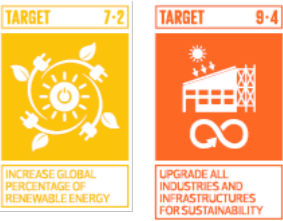
“As the person responsible for our work on sustainability, I recognise the importance of having a robust management system so that we can develop and manage our work on sustainability going forward. To do this, we use ISO 26000 validation, allowing us to contribute to continued sustainable development.”

Filip Svedberg QUALITY MANAGER

...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.



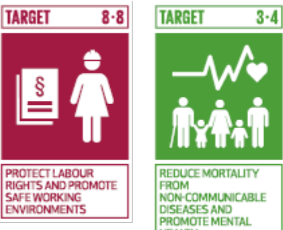
Construction/materials

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.



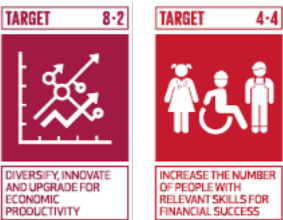
Employees

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.



[illegible]

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	MÅL 2023	MÅL 2027
Number of sponsored clubs and societies which are active in the local community	15	15	17	18	22	22	24	30
Number of active individuals in the clubs and societies we support				9740	10860	11134	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".

Finnvedens Slalomklubb
Värnamo Golfklubb
Värnamo Södra FF
Värnamo Innebandyklubb
Värnamo Tennisklubb
Värnamo Cykelklubb
Värnamo Simsällskap
Vandalorum
Värnamobygdens Ryttarförening
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.

2022

ENERGY EFFICIENCY

1027

kWh/ton zink

GOAL 2027

900 kWh/ton zink

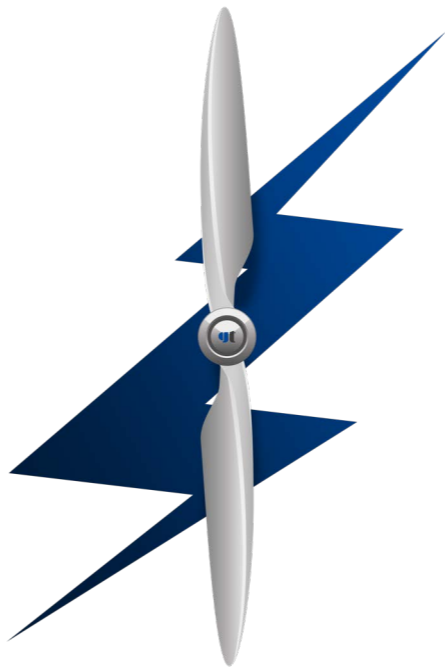


2022

WE PRODUCED

72%

more energy than we used

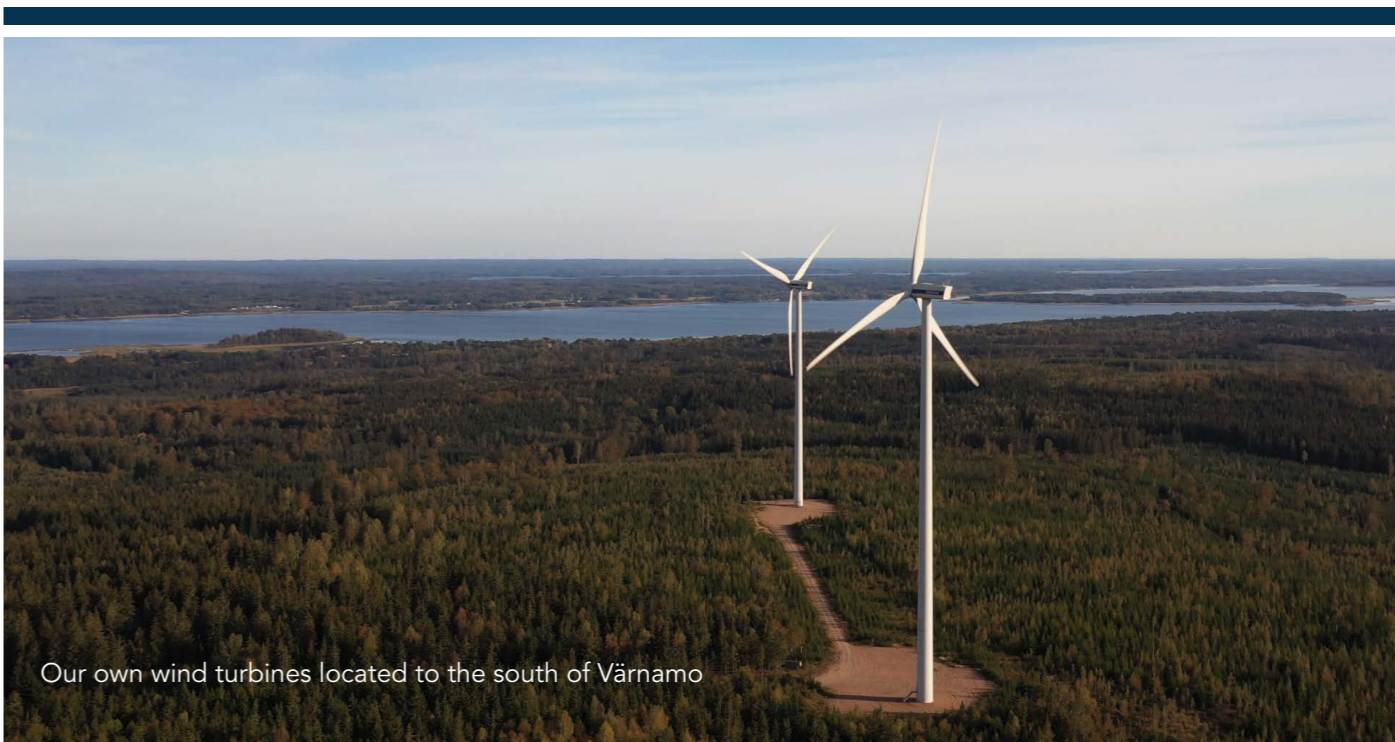
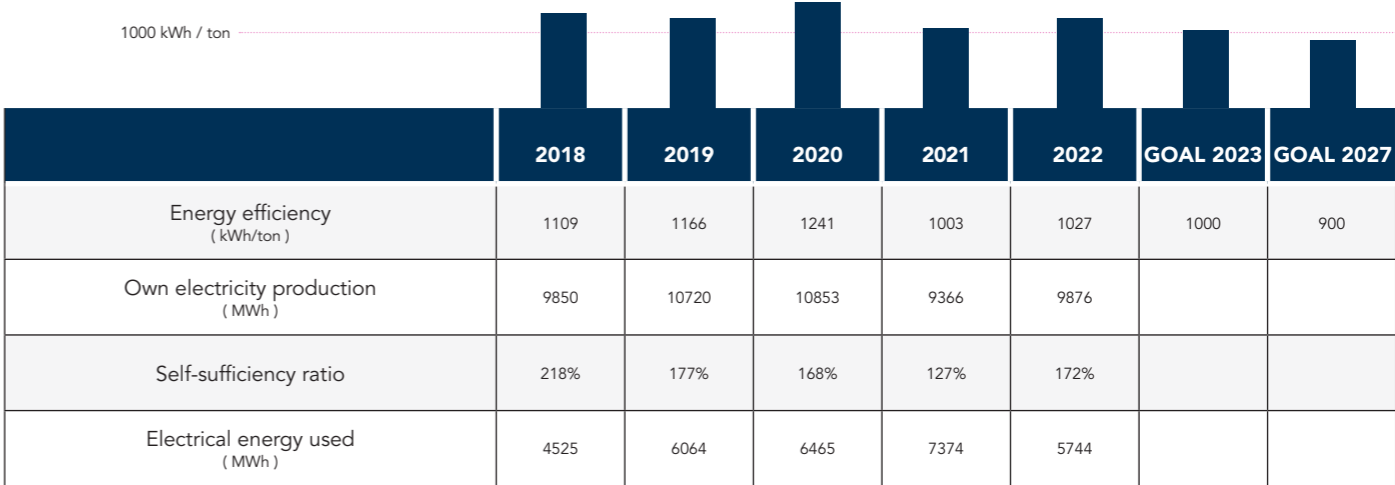


We can do it ourselves

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.

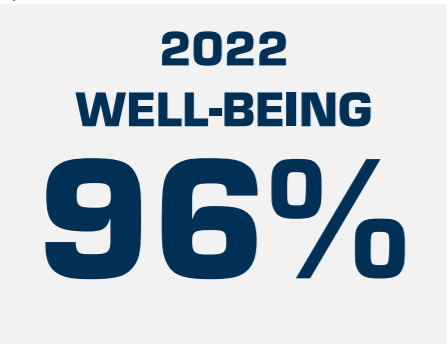


Our own wind turbines located to the south of Värnamo

Interesting figures

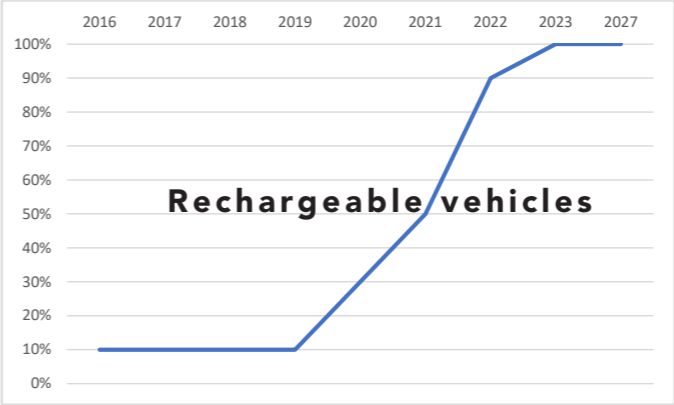
Well-being. A very important progress factor in so many ways

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.



Medarbetare

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



The value chain



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.



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.

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

You have now come to the end of our first external sustainability report.

Although the annual report is a new phenomenon, there is nothing new about our work on sustainability. The difference is that years ago we referred to it as “a long-term view” and “common sense”. As self-evident as leaving your workplace in top-notch condition for the next shift; as self-evident as giving the earth back unspoiled to future generations. Not because someone says you have to, but quite simply because it is the right thing to do, whichever way you look at it.

Nothing new about that.

Jonas Abrahamsson
OWNER / OLDER BROTHER

This is where you can compare experiences and have a closer look at what most interests you.

Although we enjoy sharing and finding out about examples of good practice, we are acutely aware that it is only once you visit us and examine in-depth what we do in our day-to-day work that our ambitions will become clearer.

In 2022, we worked on many things of which we are extremely proud, such as our updated energy-efficient cooling systems, LED replacements for our remaining light sources, our ISO 26000 work, the competitions designed to increase the number of cycling trips to work, our suppliers’ day with its climate focus, additional fossil-free company vehicles, etc.

This is where you can hear about our history!

Peter Abrahamsson
OWNER / YOUNGER BROTHER



gjuteriteknik.se



your zinc die casting specialist™