

+GF+

Georg Fischer Ltd

Investors Presentation

November 2020

Pioneering industrial technology for more than 200 years

GF Corporate

1802

GF founded
in Schaffhausen



Johann Conrad Fischer

GF Piping Systems

1864

First piping
systems product



Malleable iron fitting

GF Casting Solutions

1897

First automotive
part



As of 1900 GF develops
wheels made of cast steel
for trucks and cars

GF Machining Solutions

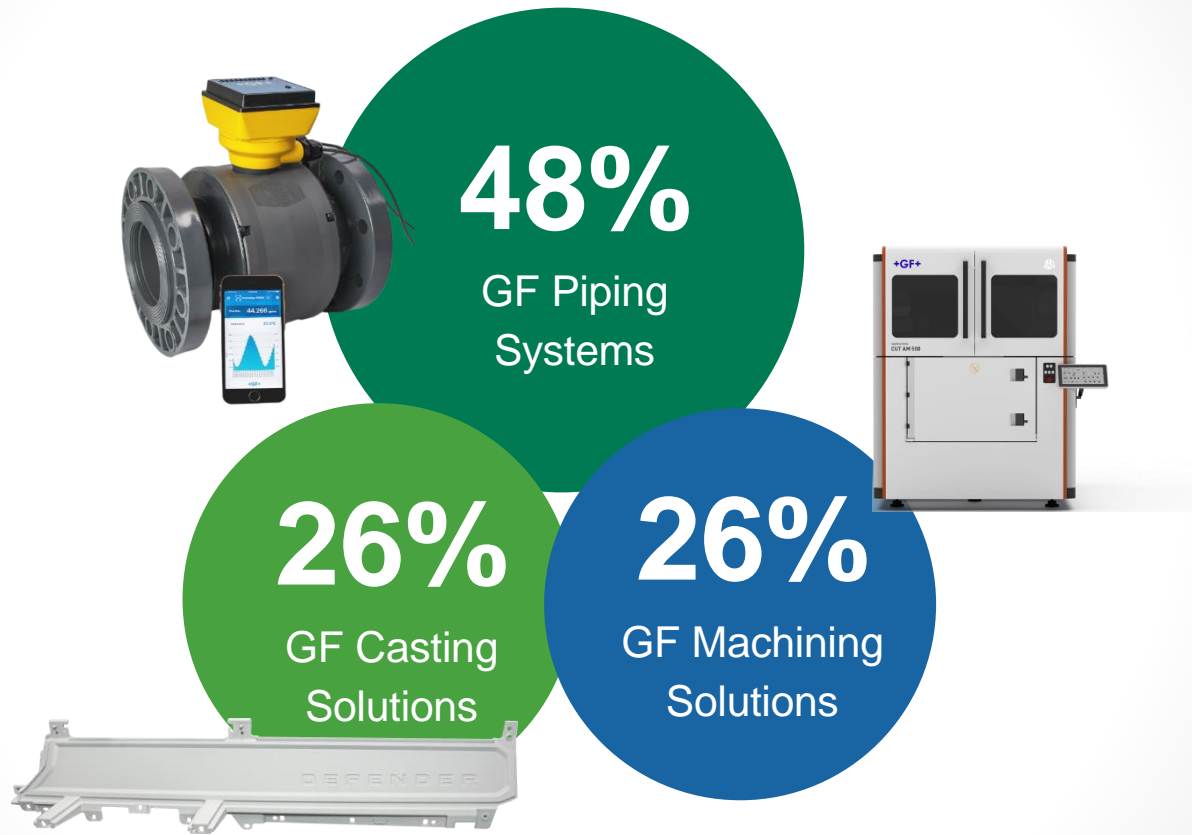
1921

First
machinery



GF acquires the Machine
Factory Rauschenbach for
agricultural machinery

Today GF stays at the forefront of new technologies

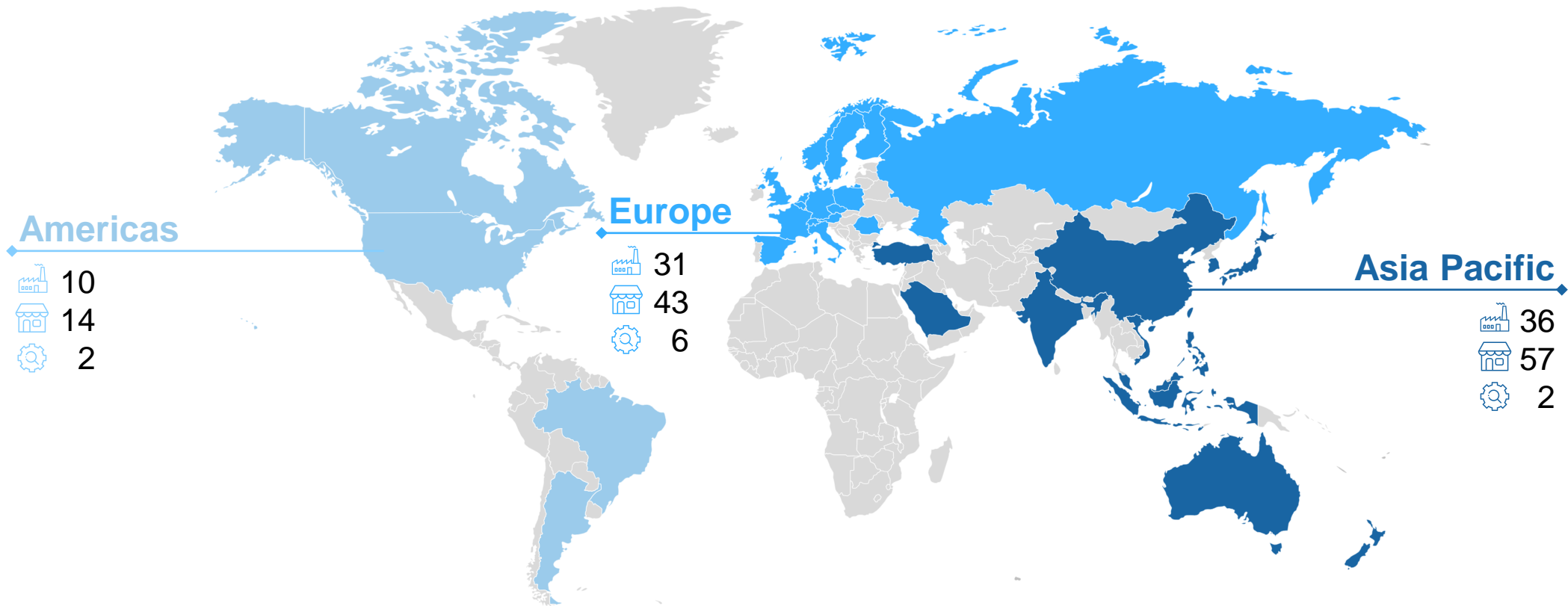


- Sales 2019 CHF 3.7 billion, EBIT before one-offs CHF 281 million and 14'678 employees
- Our **core strength** lies in applying **state-of-the-art industrial technologies**
- We specialize in developing **tailored solutions** to meet the **needs of our customers**
- We operate in markets with **high technology, complex processes and certification requirements**

A global footprint with local services

Present in 39 countries

77 production sites 114 sales sites 10 R&D centers



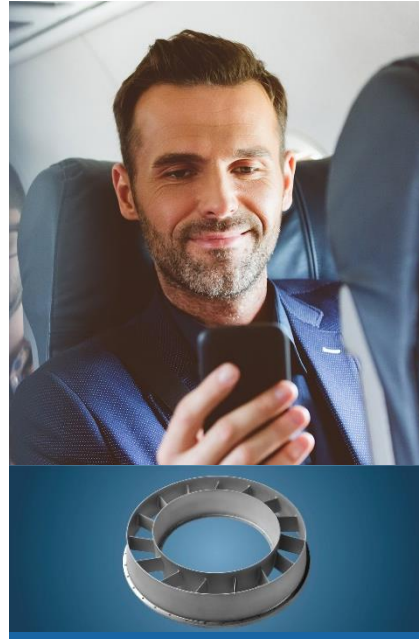
We have an impact on every day life



6 am



7 am



9 am



2 pm

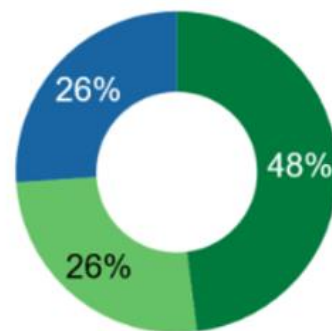
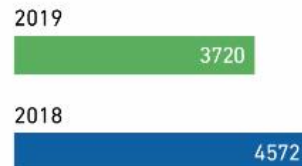


8 pm

GF with respectable results amid market headwinds and strategic transformation of GF Casting Solutions

Sales
in CHF million

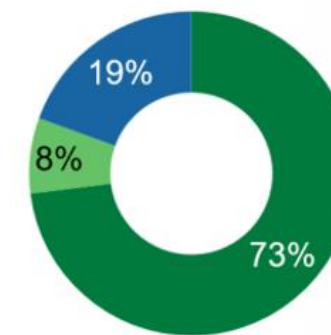
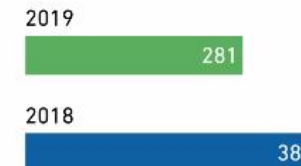
3'720



- GF Piping Systems
- GF Casting Solutions
- GF Machining Solutions

EBIT before one-offs
in CHF million

281

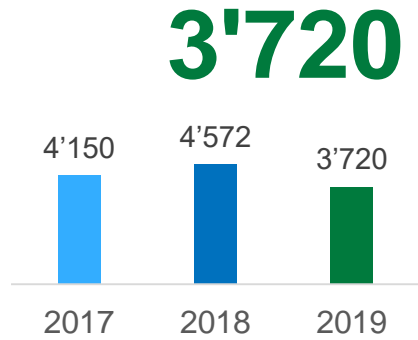


- GF Piping Systems
- GF Casting Solutions
- GF Machining Solutions

Key financial figures – 3 year overview

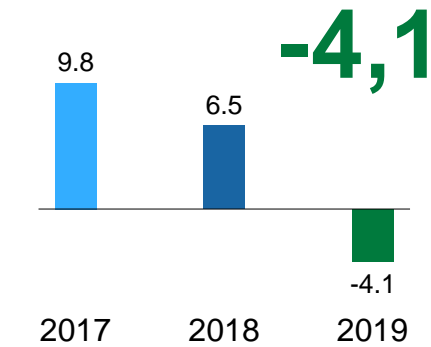
Sales

in CHF million



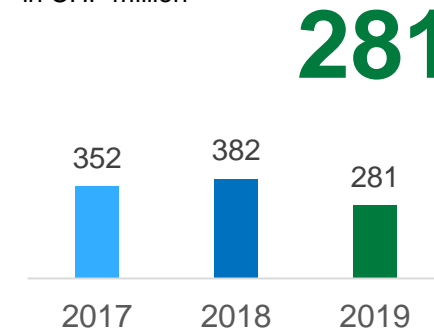
Organic growth

in%



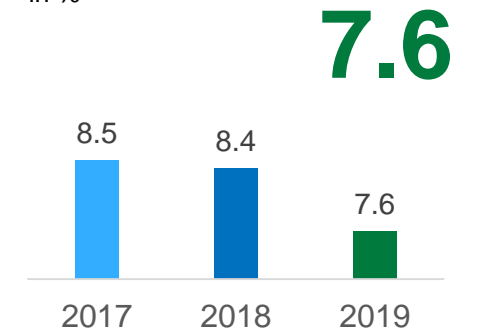
EBIT

before one-offs
in CHF million



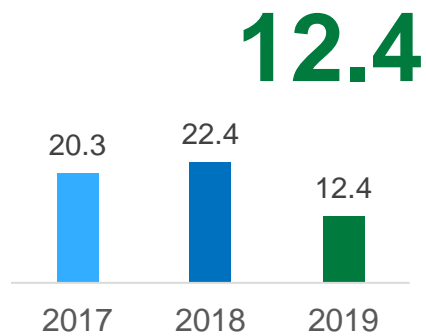
EBIT margin

before one-offs
in %



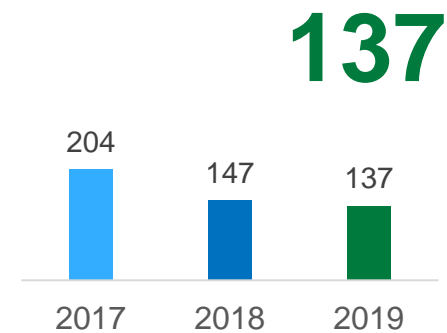
ROIC

in %



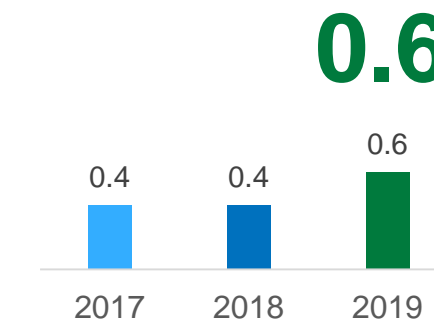
FCF bef. acq./divest.

in CHF million



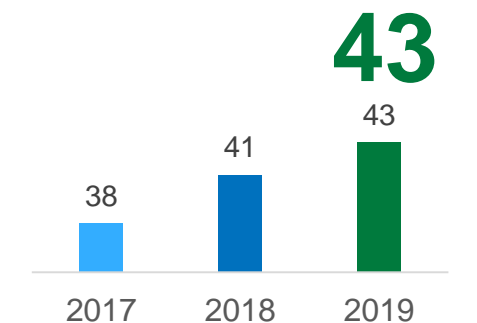
Net debt / EBITDA

(multiple)



Equity ratio

in %



Strategy 2020 – Pursue profitable expansion



Widen presence in growth markets, adapt portfolio & footprint in Europe

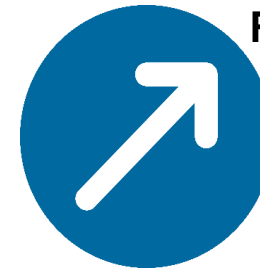


Shift divisions' portfolio to higher margin businesses



Anchor Design Thinking / Value Selling in GF's culture

Objectives



ROIC 20 - 24%



EBIT margin 9 - 10%



Annual Growth 3 - 5%

Implementation of strategy on track

Widen presence



GF Linamar Mills River (USA)



Joint Venture in Egypt

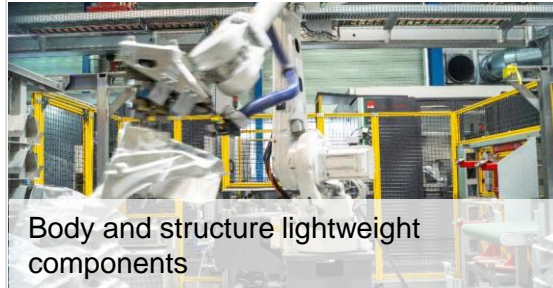


GFMS Changzhou (China)

Higher margin businesses



Cooling



Body and structure lightweight components

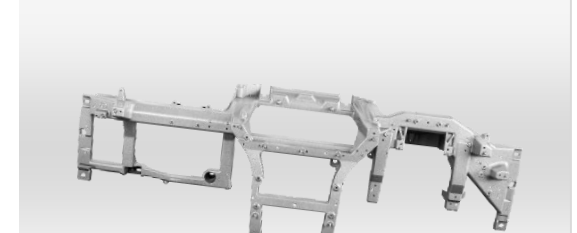


Medtech

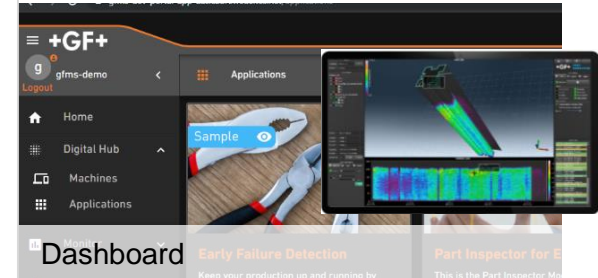
Innovation



Hycleen 2.0



Cross Car Beam



Dashboard

**Markets are intact and fueled by
sustainability trends**

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Sustainability is fully integrated in our strategy and part of our culture



- We support our customers' success with **innovative, energy-saving solutions** to make the **collective global footprint** more **sustainable**
- In our 218 years of history, we have continuously pioneered quality and standards. Our innovations, not limited to technology, apply also to the way we **conduct our business** and **care for society**


GF Piping Systems

Safe & hygienic transport of water




GF Casting Solutions

Reduction of CO2-emission through lightweight design & materials



GF Machining Solutions

Highest machining precision leads to more energy-efficient and safer components



UN Sustainable Development Goals

Sustainability investments in production facilities world-wide ...

On site collection of **filter dust** – provided at GF site in Traisen (Austria) to the nearby cement plant for **co-processing**



Silver certification under the **LEED** rating system awarded in 2018 for GF Linamar site in Mills River (USA)



Silver certification under the **LEED** rating system to be applied for by GF Casting Solutions site in Shenyang North China, (China)



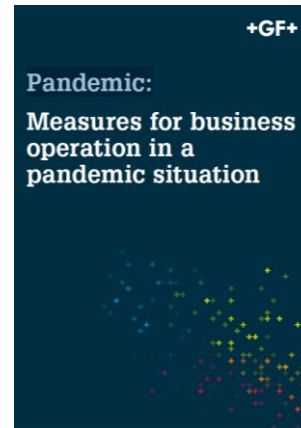
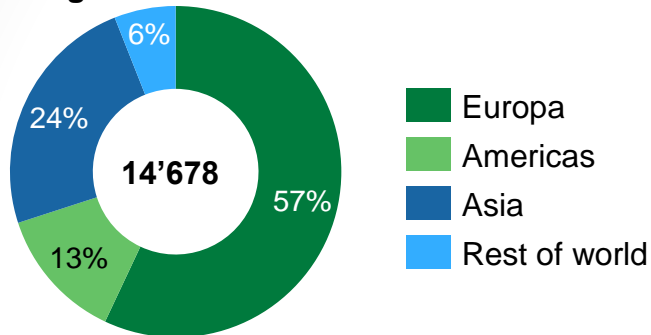
Biel building according to **Minergie standard** and **heat recuperation**



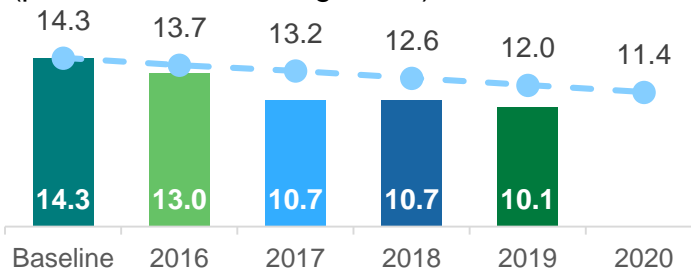
... and social responsibility is at the heart of GF

Safety first!

Employees per region



Accident rate (per 1'000'000 working hours)



Employer attractiveness

- Efforts to enable flexible working models and **support employees in balancing family & work**
- Continuous work on **modernizing** the production and working facilities to **create ergonomic and collaborative spaces**



Our ESG efforts are clearly recognized by leading agencies

Rating Agency

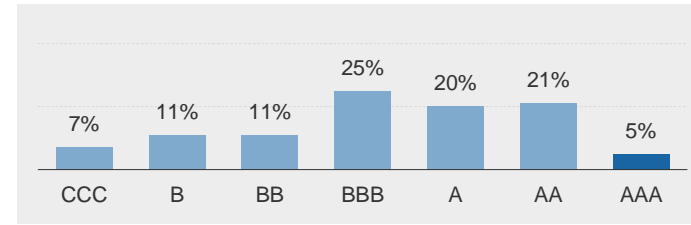
Rating

Scale

External recognition



AAA



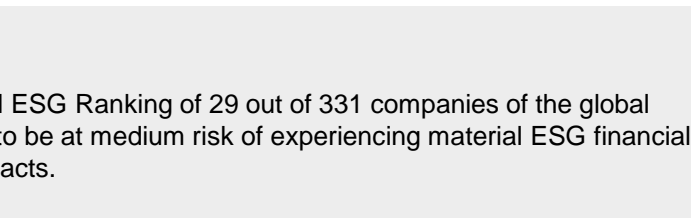
GF is rated as number 9th most sustainably managed companies 2020 by WSJ

¹⁾ out of 5'500 companies



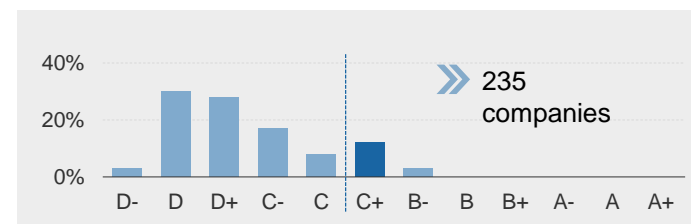
29 out of 331 (9th percentile)

As of January 2020, Georg Fischer received an overall ESG Ranking of 29 out of 331 companies of the global Machinery Industries and is considered by Sustainalytics to be at medium risk of experiencing material ESG financial impacts.



C+

"Prime" rating when among industry peers



GF is member of SXI Switzerland Sustainability 25[®] since 2014

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GF Piping Systems



Sustainability drives business



New COOL-FIT 4.0



Data center



Today, the global energy consumption of data centers stands for **roughly 3%** of all electricity generated on our planet



40% of this energy is used for **cooling**

-1/3

This cooling energy can be reduced **by a third** when using our products

Source: ScienceDirect (Dec 2015)

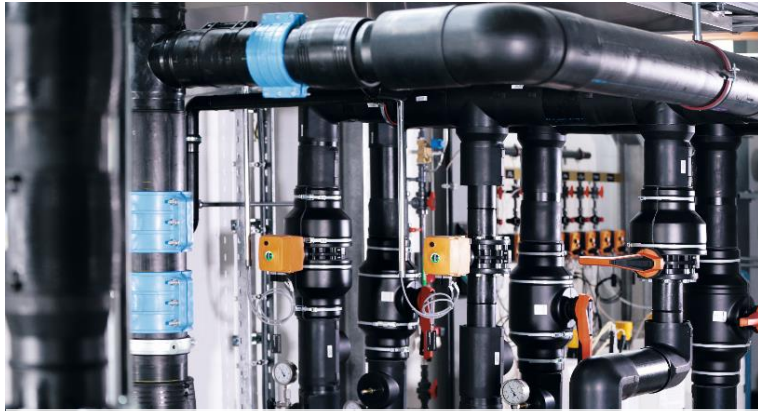
Groundbreaking customer solutions

- We are a **leading supplier** of piping systems made of plastics and metal
- We focus on system solutions and **high-quality components** for the **safe transport** of water, chemicals and gases
- Our product portfolio of fittings, valves, pipes, automation and jointing technologies covers **all applications** of the water cycle



Ball Valve 546 Pro

Our customers



Industry

SAMSUNG

VEOLIA

Biwater

PALL

Pall Corporation

eVOQUA

Micron



Utility

China Resources



Gaz de France

ATMOS energy.
Your natural gas company

suez



Building Technology

Debrunner Acifer

Carnival

Royal Caribbean INTERNATIONAL

SAINT-GOBAIN

WOLSELEY

Sustainability is at the core of what we do ...



Hyclean
Automation System



Butterfly valve



... and providing quality to our customers through safe and secure piping systems

WBI Weld Bead Inspection (WBI) Tool



FlowtraMag Meter



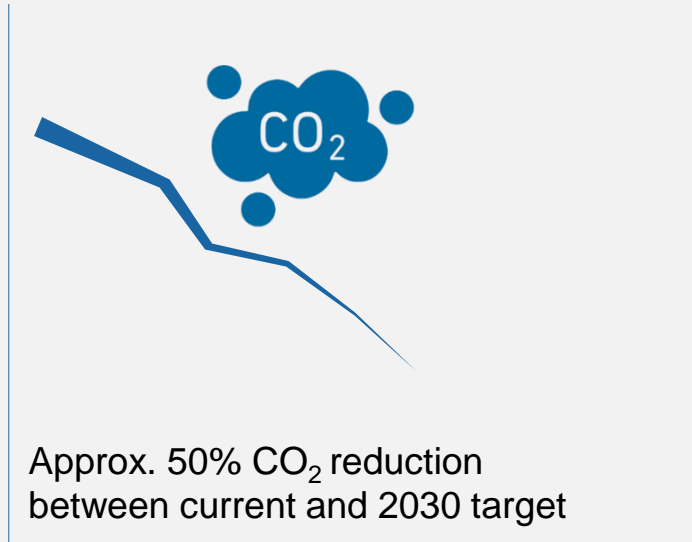
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GF Casting Solutions



Increased environmental regulations drive demand for lighter components

CO₂ regulations EU for passenger cars



Source: ICCT Policy Update January 2019

Lightweight cast solutions



11.8 kg

Cross Car Beam: from steel...



8 kg

...to Magnesium with new design and functional integration (Launch in 2021)

Weight reduction by 32% or **3.8 kg** per vehicle:

Reduced CO₂ emissions over vehicle lifetime of all produced vehicles: **648'000 t¹⁾** or

67%

of the annual CO₂ emission of Zurich City

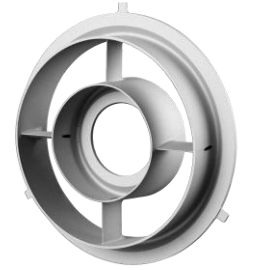
¹⁾ Ford F150. GF assumptions: 300'000 km lifetime over 7 years and 700'000 cars p.a.

Driving future technologies



- We are a **technologically pioneering development partner** and manufacturer of cast and additive components for the global **automotive** industry, **aerospace** and **energy** markets, off-highway vehicles and for industrial applications
- Our highly complex **lightweight components** are produced using state-of-the-art manufacturing technologies – from the development to the ready-to-mount solution

Bearing support
"Airbus Helicopter"
engine



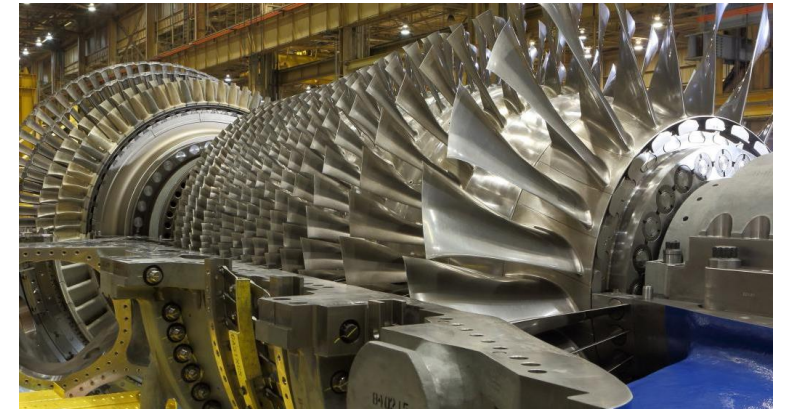
Partnering with leading manufacturers worldwide ...



Passenger Cars



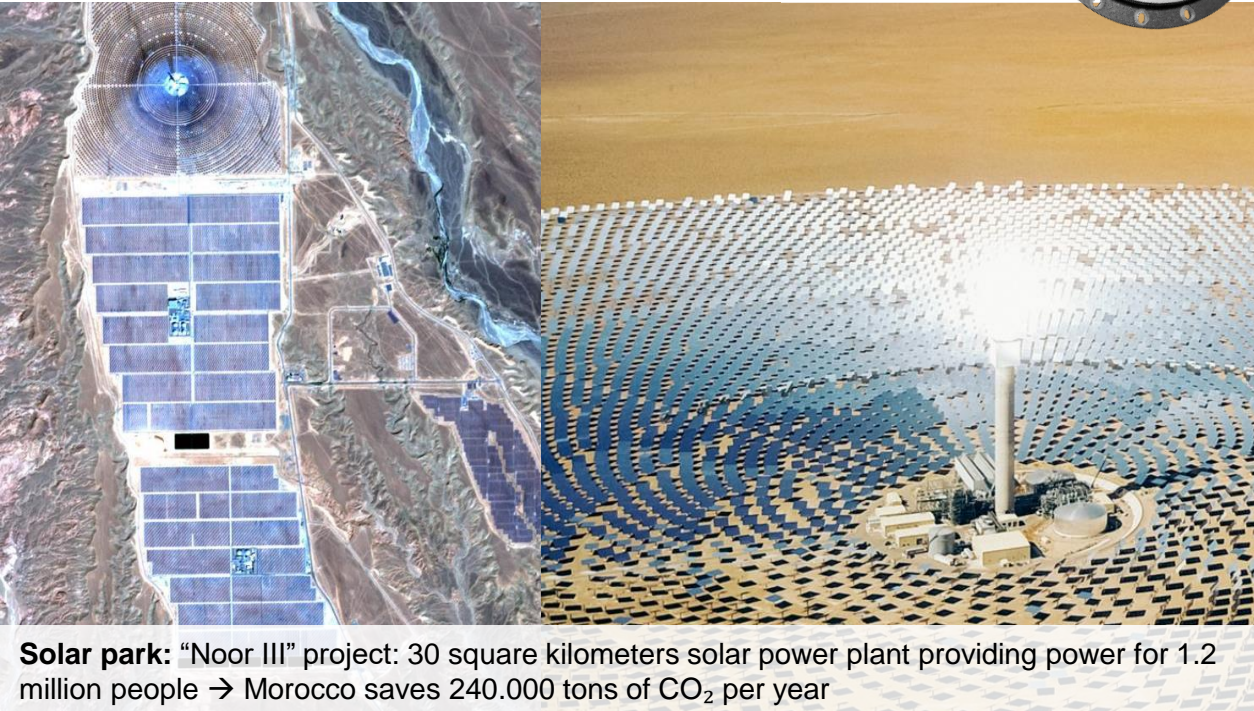
Industrial Applications



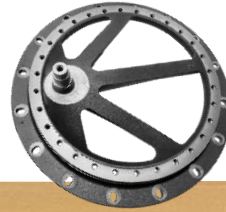
Aerospace / Industrial Gas Turbines



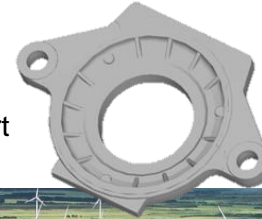
... and sustaining renewable energy solutions ...



Iron casting part
Mirror Bracket



Iron casting part
Torque plate



Crank
arm plate



... and innovative castings for e-mobility

- Successful partnership with emerging carmaker Aiyaws (startup in the Chinese market)
- Its Electric SUV (called U5) is able to run up to 503 kilometers with one charge
- It's equipped with six lightweight structural parts (two front shock towers and four torque boxes)

Front torque box



Rear torque box



Aiyaws

GF Machining Solutions



Digitalization and miniaturization increase need for precision



ML-10 Nozzle ablation



CMC Ventilation micro-holes improve performance and efficiency



CMC is 2/3 lighter with 20% higher temperature resistance

The GENx is delivering up to **15%** better specific fuel consumption than the engine it replaces

The GENx's emissions are up to **95%** below current regulatory limits, ensuring clean compliance for years to come

Focus on digitalization



- We are one of the **world's leading providers** of complete solutions to **the tool and mold making industry** and to manufacturers of **precision** components
- Our portfolio includes Milling, wire-cutting and die-sinking EDM machines
- We offer spindles, **Laser texturing, Additive Manufacturing**, tooling and automation as well as **digitalization solutions** and customer services
- Our key customer segments are the **aerospace, ICT, medical** and traditional **mold and die** industries



We offer our customers ...



ICT



Medical



Aerospace

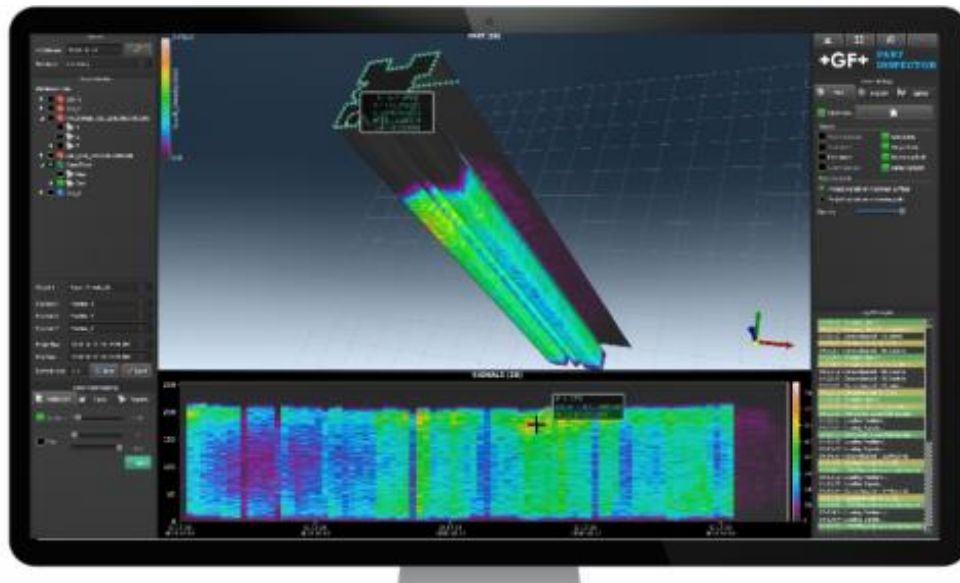


... advanced digital solutions based on innovations ...

Spark Track Innovation



5G Sensing Technology

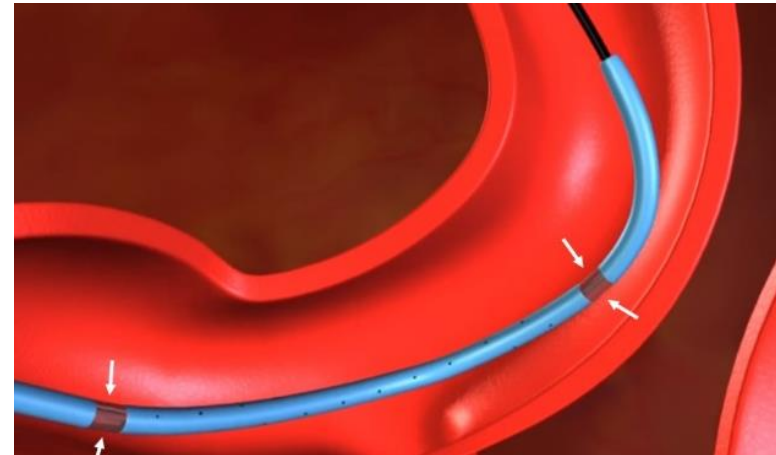
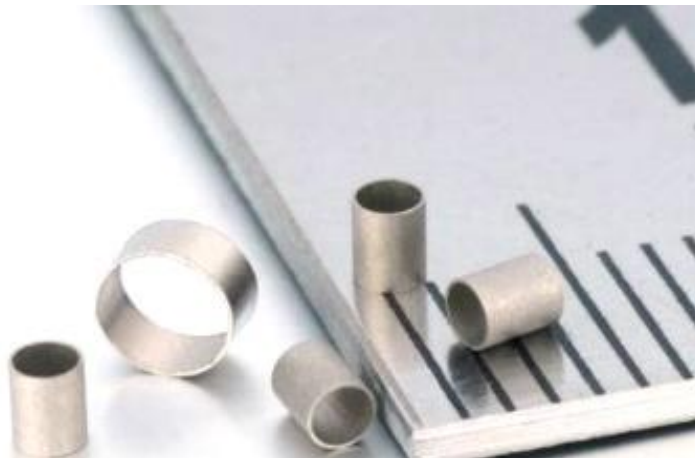


Part Inspector (EDM)



Real-Time Monitoring (Milling)

... and focus on new attractive market segments



GF at a glance



GF's investment proposition



Strategy focused on higher value businesses

widening presence in growth markets and adaption of portfolio in Europe supported by addressing new market segments



Products and services addressing demand of global mega trends

global mega trends with direct business impact in all three divisions



Industry-leading technology provider

with more than 200 years of industrial know-how well balanced geographical presence with a Swiss quality brand and technology with worldwide local production



Focus on solutions for our customers for their sustainable business

creating value to society and contributing to a sustainable development



Focus on long-term value creation and return on invested capital

value generation for our shareholders and other stakeholders

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Thank you!



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