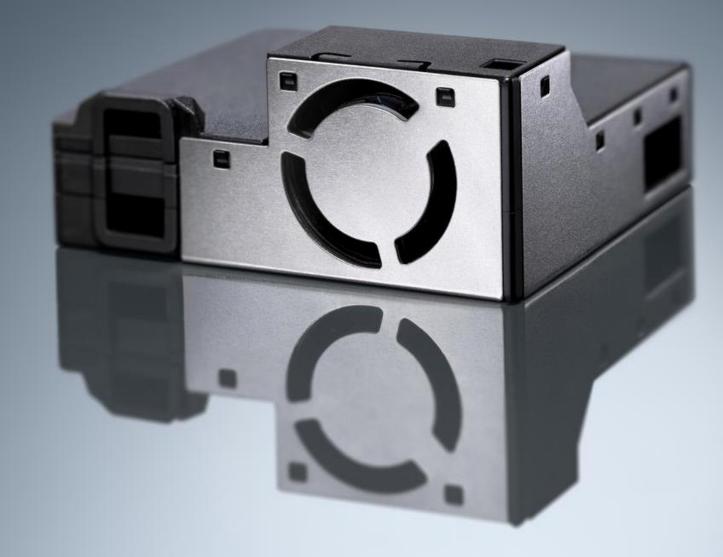
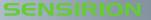
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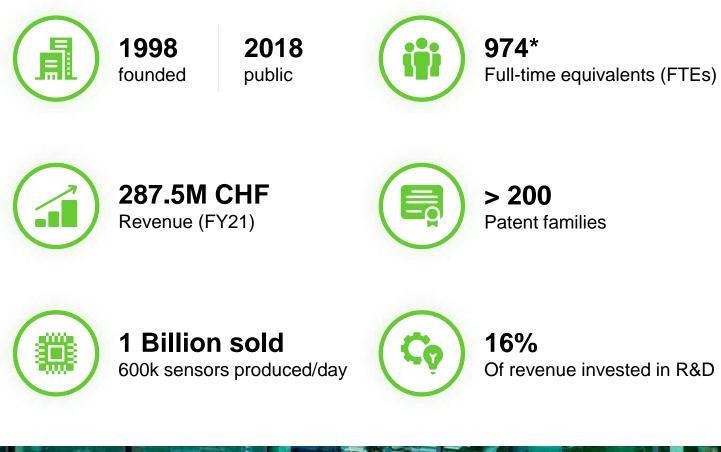


Sensirion at a glance



Facts & figures





Sensirion at a glance

Overview

- ✓ A pure-play sensor company, driven by mega trends for long-term growth
- ✓ A deeply anchored mindset of innovation: it's in our DNA to continuously seek new challenges and to drive disruptive innovation
- ✓ SensiSpirit: our dedicated and award-winning entrepreneurial culture to attract and retain best talents
- ✓ Leading position in environmental and flow sensors, highly diversified in end markets
- ✓ Global footprint to ensure customer proximity
- ✓ ~600,000 sensors produced per day, almost 1 billion sensors sold worldwide
- ✓ CHF 287.5m revenue (2021), CAGR of 15% (2010-2021)

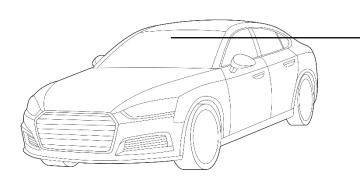
Product lines



Environmental sensing solutions



Solving complex problems everywhere



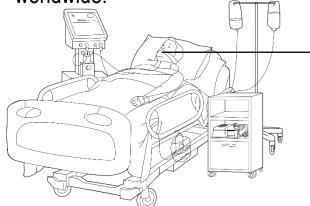


Anti-fogging

Environmental Node



Providing antifogging, engine and climate control to approximately one in three cars manufactured worldwide.

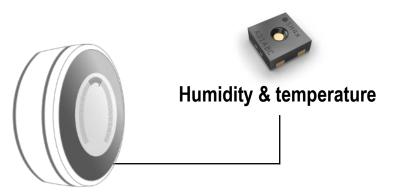




Mass flow

Monitoring the breathing of more than 10 million patients in hospitals and at home.

Real-time monitoring of various harmful gases for automated control of Air Purifiers in several million households.

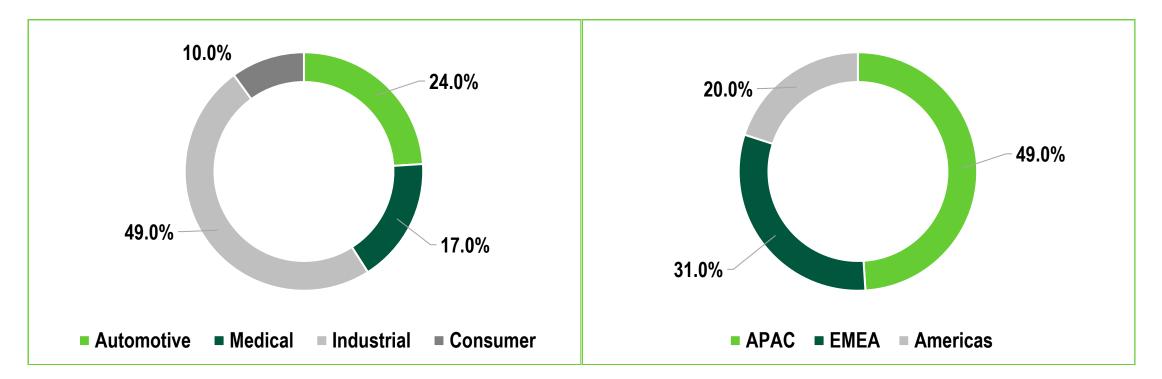


High precision monitoring of temperature and air quality for millions of households.

Wide range of solutions across diverse end markets

	End market	Automotive	Medical	Industrial	Consumer
	% of FY 2021 revenue (excl. COVID-19-related ventilator business)	24%	17%	49%	10%
Environmental sensing solutions	Humidity/temperature (RHT)Gas (VOC, formaldehyde)Carbon dioxide (CO2)Particulate matter (PM2.5)Gas analyzersCas analyzersAutomotive modules				
Flow sensing solutions	Differential pressureMass flowGas meteringLiquid flow				×
	Key applications	 Auto defogging Air quality Engine control 	 CPAP (sleep apnea) Ventilators Anesthesia 	 Air purifiers, air exchangers, refrigerators Gas metering Building ventilation 	IP/security camerasConsumer gadgetsSmart thermostats

Stability through strong market und customer diversification



Highly diversified in end markets and regions¹

¹ excluding COVID-19-related ventilator business

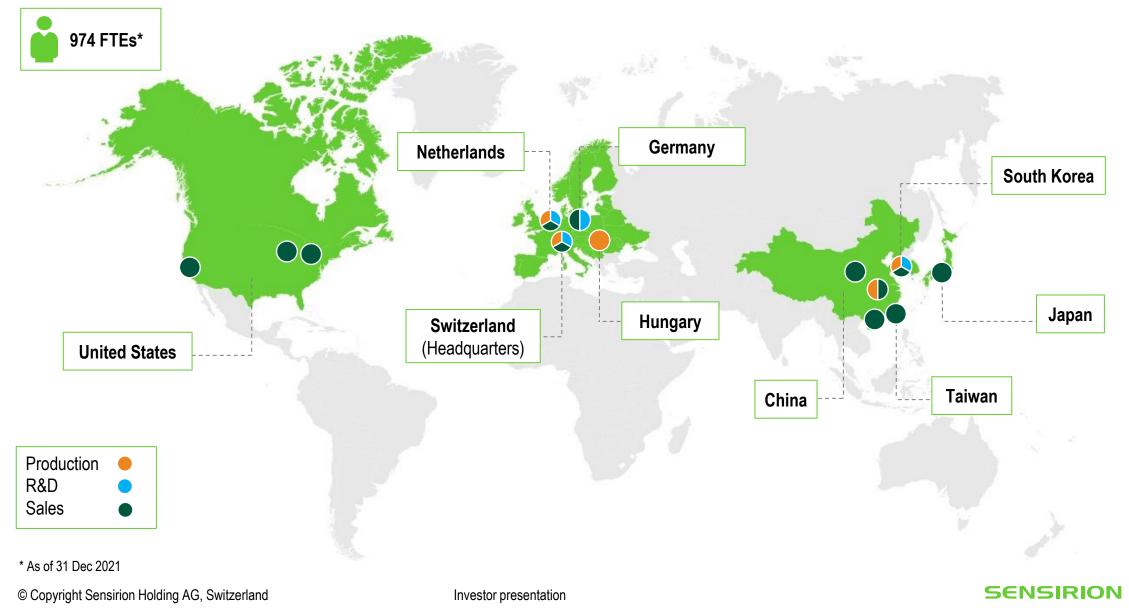
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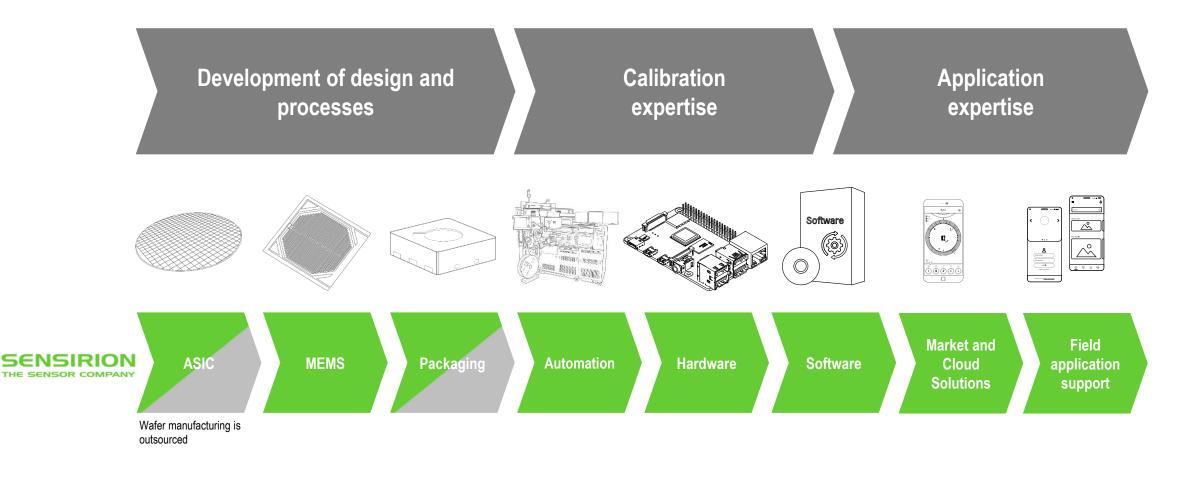
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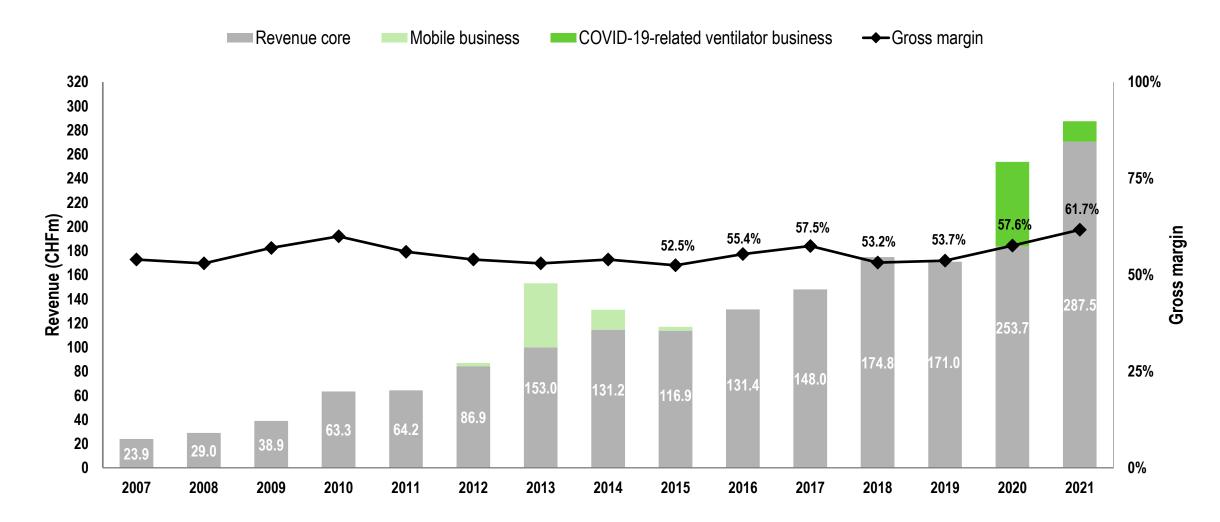
Global footprint ensures customer proximity



Our advantage is built on our expertise across all relevant fields of the technology value chain



Historical revenue and gross margin development

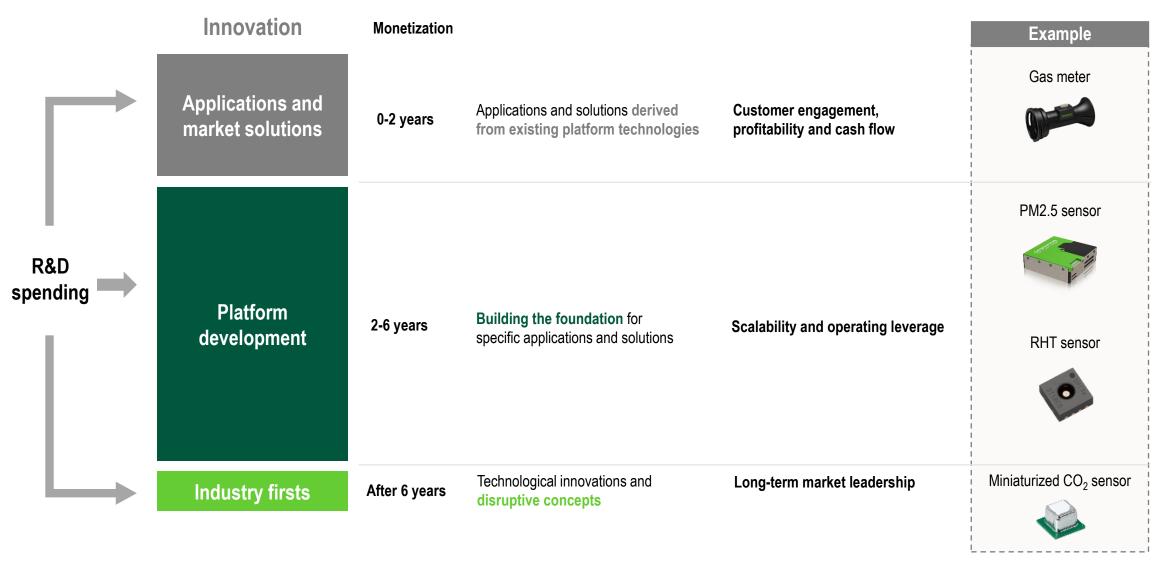


Note: revenues and gross margin from FY 2007 to FY 2014 according to Swiss GAAP FER, from FY 2015 to FY 2019 according to IFRS, and fron FY 2020 onwards according to Swiss GAAP FER.

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Sensirion drives innovation along multiple layers



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Our sensor solutions help to reduce CO₂ emissions worldwide

Environmental contribution

In many applications, Sensirion's sensors help to reduce energy consumption and, in turn, CO₂ emissions.

Application examples



Humidity and temperature sensors employed in anti-fogging and climate control in cars enable a more optimized use of the AC unit.



Differential pressure sensors used in demandcontrolled ventilation (DCV) in buildings help to reduce energy consumption.



Humidity and temperature sensors incorporated in smart thermostats permit an improved heating and ventilation of residential homes.

Significant CO₂ reduction

We have estimated that our sensors in the field help to avoid around ~ 2 million tons CO₂ per year¹. This corresponds to $\sim 1/3$ of the CO₂ emissions of the canton of Zurich with 1.54 million inhabitants ².

¹ Sensirion estimate based on various sensors applications and number of sensors in the field ² <u>https://www.stadt-zuerich.ch/gud/de/index/umwelt_energie/energie-in-zahlen/co2-statistik.html</u>

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We actively fulfill our environmental responsibility

Environmental responsibility

As a manufacturing company, we aim to minimize our environmental impact from operations and business travel.



Our production sites in Switzerland, China, and South Korea are certified according to ISO 14001:2015.

Sensirion compensates all CO_2 emissions from business flights with **MyClimate**. In 2020, we offset 148 tons of CO_2 from business travel.

All of Sensirion's products meet the **RoHS** and **REACH** criteria regarding hazardous substances.

In 2020, we could reduce the impact at our production site in Stäfa.

Reduction in 2020 at production site Stäfa (per sensor produced)



At our **new site in Debrecen, Hungary**, we have opted for the realization of a sustainable building that will have a positive impact in the long term.

Operation free of fossil energy sources.

Heating/cooling with **reversible heat pumps**, in summer supported by free cooling.

Heat recovery and storage in 2 storage tanks of 60 m³ each.

State-of-the-art insulation and windows.

-17% water consumption -32% energy consumption -11% CO₂ emissions

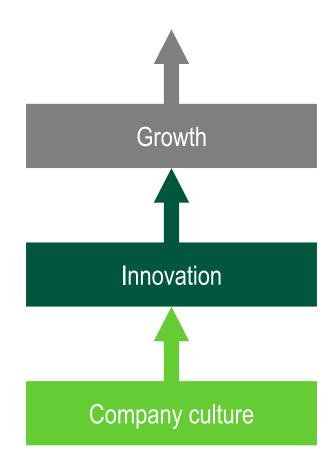
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SENSIRION

"SensiSpirit": a unique culture of innovation and entrepreneurship

Innovation needs a dedicated company culture

- ✓ A company culture dedicated to **long-term innovation**...
- ✓ ... with an **entrepreneurial mindset** to push limits...
- ✓ ... and built by **exceptional people**

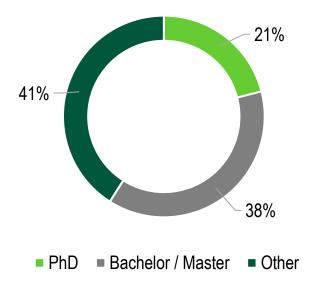




Strong entrepreneurial culture attracting and fostering talents

Highly qualified workforce

Employees' qualification, Sensirion AG, per 31.12.20



SensiSpirit

- \checkmark Highly qualified employees attracted by a great company culture.
- ✓ High retention rate enables continuity.
- Company culture as foundation for innovation.
- Award-winning culture, widely recognized.



Strategy



Increasing penetration of sensors driven by secular megatrends

Energy efficiency

- Scarcity of resources
- Governmental and societal initiatives

Quality of life

- Economic development
- Increasing awareness around health, safety, comfort

Digitalization and automation

- Industry 4.0
- Technological advancements
- Connectivity, IoT

Environmental protection

- Air quality
- Climate change
- Water quality









Sensirion's sensor solutions are critical for many applications across these megatrends

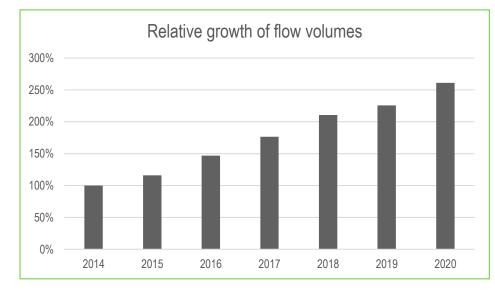
Growth along four strategic focuses

Strategic focus 3	Develop technologies for long-term growth
Strategic focus 2	Become market leader for the entire environmental market
Strategic focus 1	Drive market and cost leadership in our core markets of RHT and flow
Fundamentals	"SensiSpirit": unique culture of innovation and entrepreneurship

Focus 1: drive technology and market leadership in our core markets

High market diversity and technology leadership drives volumes and ensures stable base

End market	Automotive	Medical	Industrial	Consumer
Humidity &	\checkmark	\checkmark	\checkmark	\checkmark
Flow	\checkmark	\checkmark	\checkmark	



Example "Flow sensors":

Volume increase by 2.6x since 2014 drives economies of scale

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Summary "Strategic focus 1"

Drive market and cost leadership in our core markets of RHT and flow

What we have achieved

We could strengthen our market leadership in humidity and flow

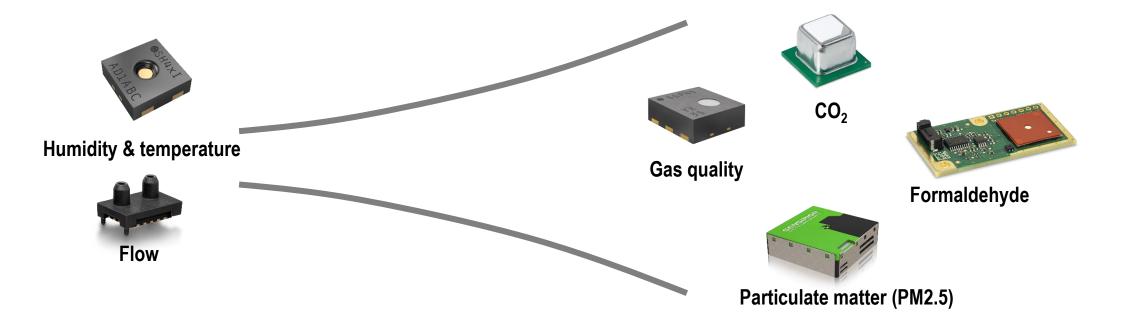
- by expanding our high market share in both core markets
- by addressing new applications in humidity & temperature and flow markets
- by capturing pandemic-driven short-term business
- by introducing next generation's products to drive innovation and secure cost leadership

Outlook: We are well positioned

- to further strengthen the market leadership in humidity and flow
- to monetize the leadership by economy of scales and innovation
- to continue to leverage our strong market position as entry point for additional environmental sensors

Focus 2: become market leader for the entire environmental market

Our leading market position in humidity & temperature as well as in flow markets is a good entry point to expand to the entire environmental market

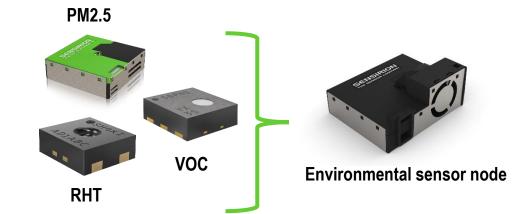


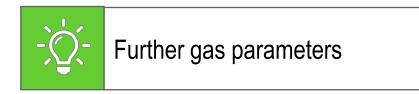
Growth provides new strategic advantages



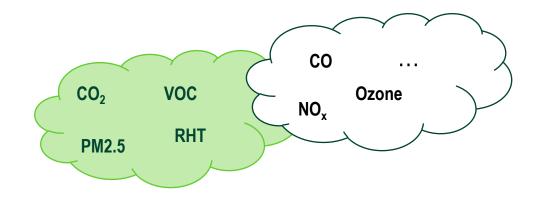
Combination of environmental sensors

- lowers integration costs
- drives strategic relationship with customers





Sensirion's broad technology portfolio allows to react agilely to new environmental sensing market demands.



Summary "Strategic focus 2"

Become market leader in the entire environmental market

What we have achieved

We have successfully accomplished the first step to become market leader in the entire environmental market

- by leveraging our strong position in humidity and flow sensing
- by introducing the first generation of CO₂, PM2.5 and formaldehyde sensors, contributing already significantly to our growth rate
- by having a full innovation pipeline of disruptive, miniaturized sensors

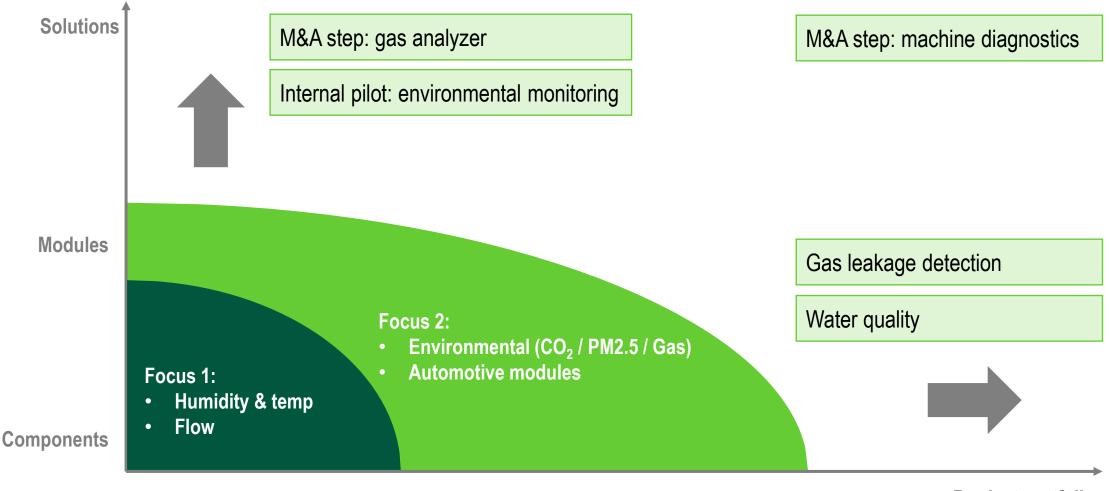
Outlook: We are well positioned

to become market leader in the entire environmental market

- by our second generation of disruptive, miniaturized environmental sensors hitting the market in 2021-2023
- by combo modules of various environmental sensors enabling lower integration costs and strong customer relationship
- by enabling additional gas parameters to be measured quickly and reliably based on our broad technology portfolio

Focus 3: laying the foundation for long-term growth in two directions

The green boxes indicate examples of developments to support growth



Product portfolio

Summary "Strategic Focus 3"

Develop technologies for long-term growth

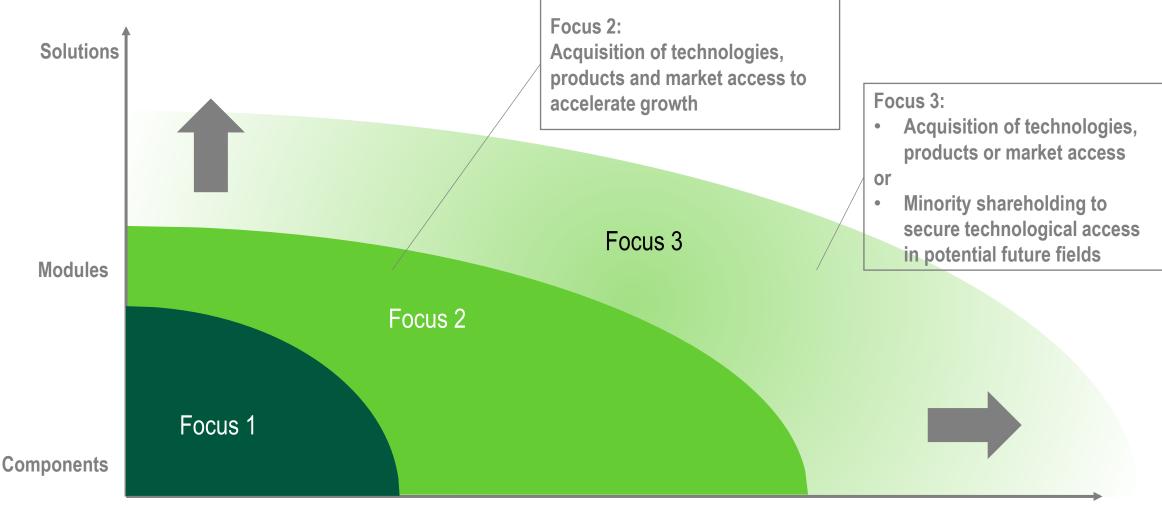
What we have achieved

- We have a deeply anchored mindset of innovation: since Sensirion's founding, it has been our DNA to continuously seek new challenges, take meaningful risks in order to push technological limits and, thereby, to drive disruptive innovation.
- We have a full pipeline of technology projects in different stages of maturity.
- We follow two main directions to secure long-term growth:
 - by expanding our product portfolio beyond flow and environmental sensing, leveraging our core expertise in the entire value chain
 - by expanding to high-end solutions in given fields
- We have established an efficient and disciplined M&A process to support the strategic growth fields.

Outlook: We are well positioned

- to drive innovation and technology developments to address future megatrends.
- to secure long-term sustainable company growth.

M&A in-line with Sensirion's three focuses of innovation and growth



Product portfolio

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Strategic achievements 2021

Strategic focuses	Strategic achievements			
Focus 3: Develop technologies for long-term growth	 Acquired micro gas analyzer company Qmicro B.V. Completed full acquisition of IRsweep, provider of optical sensing solutions in the IR. Acquired AiSight Inc., start-up company in the field of machine monitoring 			
Focus 2: Become market leader for the entire environmental market	 New environmental sensor business generated >25% of total revenue. Successful ramp-ups of the miniaturized CO₂ sensor, the formaldehyde sensor and an environmental combo sensor. 			
Focus 1: Drive market and cost leadership in our core markets of RHT and flow	 Maintaining reasonable delivery times despite the challenging allocation situation in the global semiconductor industry. Launched the fourth generation of humidity sensors . Delivered one billionth sensor. 			
Fundamentals: "SensiSpirit": unique culture of innovation and entrepreneurship	 The "SensiSpirit" and the close cohesion among the employees were decisive prerequisites for achieving the good results during the pandemic. Recognized as second-best employer in category "large companies" in Switzerland and received special award for handling of pandemic by Great Place to Work. 			

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