



# STMicroelectronics Company presentation

October 2025

# We are creators and makers of technology



One of the world's largest semiconductor companies



**50,000** employees  
of which **9,000+** in R&D



**\$13.3 billion** revenues  
in 2024



Over **80** sales & marketing  
offices serving over **200,000**  
customers across the globe

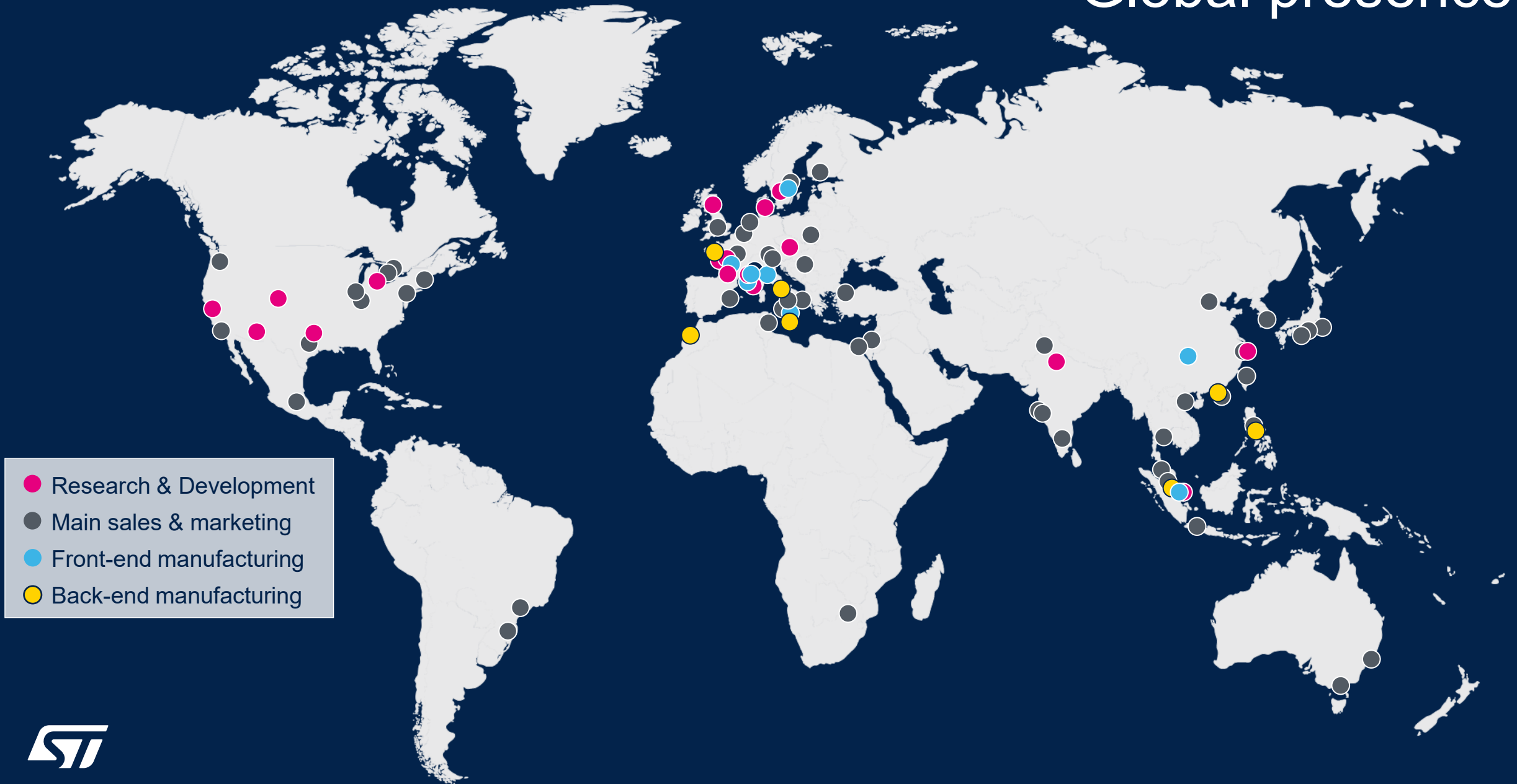


**14** main manufacturing  
sites



Signatory of the United Nations Global Compact (UNGC)  
Member of the Responsible Business Alliance (RBA)

# Global presence





## ST Executive Committee



## Jean-Marc Chery President & Chief Executive Officer



**Marco Cassis**

Analog, Power & Discrete,  
MEMS and Sensors  
Group



**Remi El-Ouazzane**

Microcontrollers,  
Digital ICs and RF  
products Group



**Jerome Roux**

Sales & Marketing



**Fabio Gualandris**

Quality,  
Manufacturing,  
& Technology



**Lorenzo Grandi**

President & CFO



**Rajita D'Souza**

Human Resources  
& Corporate Social  
Responsibility



**Steven Rose**

Legal Counsel  
& Public Affairs

**Mario Aleo**

Power & Discrete \*\*\*\*

**Ricardo De-Sa-Earp**

MDRF Deputy \*\*\*\*

**Michael Anfang**

EMEA & Automotive  
Marketing & Apps\*

**Christophe Ayela**

Front-End  
Manufacturing

**Franck Freymond**

Audit\*\*\*, ERM  
& Resilience

**Alberto Della Chiesa**

Supply Chain

**Frédérique  
Le Grevès**

Europe & France  
Public Affairs

**Alexandre Balmeffre**

Imaging

**Remi El-Ouazzane**

(acting) \*\*\*\*  
Embedded Processing

**Henry Cao**

China & Power/Energy  
Marketing & Apps\*

**Fabrice Gomez**

Back-End  
Manufacturing

**Giuseppe Notarnicola**

Treasury

**Stefano Cantù**

Strategic Corporate  
Programs Office

**Giuseppe Notarnicola**

Italy  
Public Affairs

**Matteo Lo Presti**

Analog

\*\*\*\* Effective Jan 1<sup>st</sup>, 2025

**Hiroshi Noguchi**

APeC & Industrial  
Marketing & Apps\*

**Laurent Malier**

Global Technology  
R&D

**Bertrand Stoltz**

Corporate Finance

**Chouaib Rokbi**

Digital Transformation &  
Information Technology,  
Global Procurement

**Bertrand Stoltz**

Asia Pacific  
Public Affairs

**Alessandro Cremonesi** \*\*

System Research &  
Applications, Innovation

**Rino Peruzzi**

Americas & PE/CECP  
Marketing & Apps\*

**Nicolas Yackowlew**

Global Quality  
& Reliability

**Jérôme Ramel**

Corporate Development,  
and Integrated External  
Communication

**Claudia Levo**

Integrated Marketing &  
Communications

\*\*\* Reports to the Chairman of the  
Supervisory Board Audit Committee  
and dotted line to the CEO

\*\* Reports dotted line to MDRF President

APeC = Asia-Pacific excluding China  
PE/CECP = Personal Electronics/ Communication  
Equipment & Computer Peripherals/  
\* Application marketing organization by market segment

# Our vision



**ST stands for**  
**life.augmented**

Everywhere microelectronics  
makes a positive contribution to people's lives,  
ST is there.



# Our value proposition for all our stakeholders

**For our shareholders**



**Return value in line  
with our objective**

**Sustainable and profitable growth**



**For our customers**



**Provide differentiating enablers**

**Independent, reliable & secure supply chain**

**For all our stakeholders**



**Committed to sustainability**

**Our values: Integrity – People – Excellence**

# Our technology starts with you

At ST, we create  
technology that starts with  
**You**

Our  
employees

Our  
customers

Our  
partners



# Where you find us



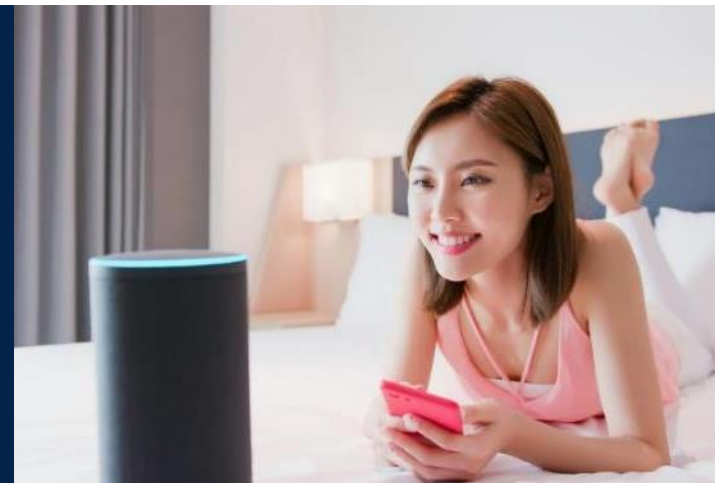
Making **driving** safer, greener, and more connected

Enabling the evolution of **industry** towards smarter, safer, and more efficient factories & workplaces



Making **homes & cities** smarter, for better living, higher security, and to get more from available resources

Making everyday **things** smarter, connected, and more aware of their surroundings





# Trends and markets





# Our strategy stems from key long-term enablers

## Smart Mobility



Helping car manufacturers make driving safer, greener, and more connected for everyone

## Power & Energy



Enabling industries to increase energy efficiency everywhere and the use of renewable energy

## Cloud-connected Autonomous Things



Supporting the proliferation of secure, connected, autonomous devices enabled by edge AI

# Smart mobility

ST provides innovative solutions to help our customers make driving safer, greener and more connected for everyone

Increase safety for road users  
& driver comfort and convenience.

Road crashes carry a high human toll  
and cost **\$500B+** every year

Affordable, desirable electric  
vehicles

Electric vehicles to grow from ~15% of  
car sales in 2023 to ~40% by 2030

Cleaner, greener Internal  
Combustion Engines (ICE)

ICEs in over **70%** of new vehicles  
produced 2023-2027





# Power & energy

**ST technology and solutions enable customers to increase energy efficiency everywhere & support the use of renewable energy sources**

Rising demand for and usage of electrical energy

Over **30%** global electricity demand increase from 2020 to 2030

Decrease carbon emissions to reduce global warming impact

**45%** CO<sub>2</sub> emission reduction from 2010 to 2030 to limit warming to 1.5°C

Increase use of renewable energy

Electrical energy from renewal sources from **~10%** in 2020 to **~20%** in 2030

# Cloud-connected Autonomous Things

Supporting the proliferation of secure, connected, autonomous devices enabled by edge AI

Cloud connected and data-enabled services

More than **20 billion** IoT connected devices per year by 2025

Digital security for all data

IoT security services market over **\$12 billion** by 2025

Edge AI proliferation

A billion edge AI devices in 2023 growing **> 30%** per year through 2028



# Our strategy





# We address four end markets



**Automotive**



**Industrial**



**Personal electronics**



**Communications  
equipment  
& computers peripherals**



# Our strategic objectives

## Automotive



Lead in **car electrification**



Lead in **car digitalization**

## Industrial



Lead in **embedded processing**



Lead in **Power & Energy Management**



Lead in **Sensors**



Accelerate in **Analog**

## Personal electronics



Lead in **selected** high-volume **smartphone** applications with differentiated products or custom solutions



Leverage **broad portfolio** to address high-volume applications

## Communications equipment & computers peripherals



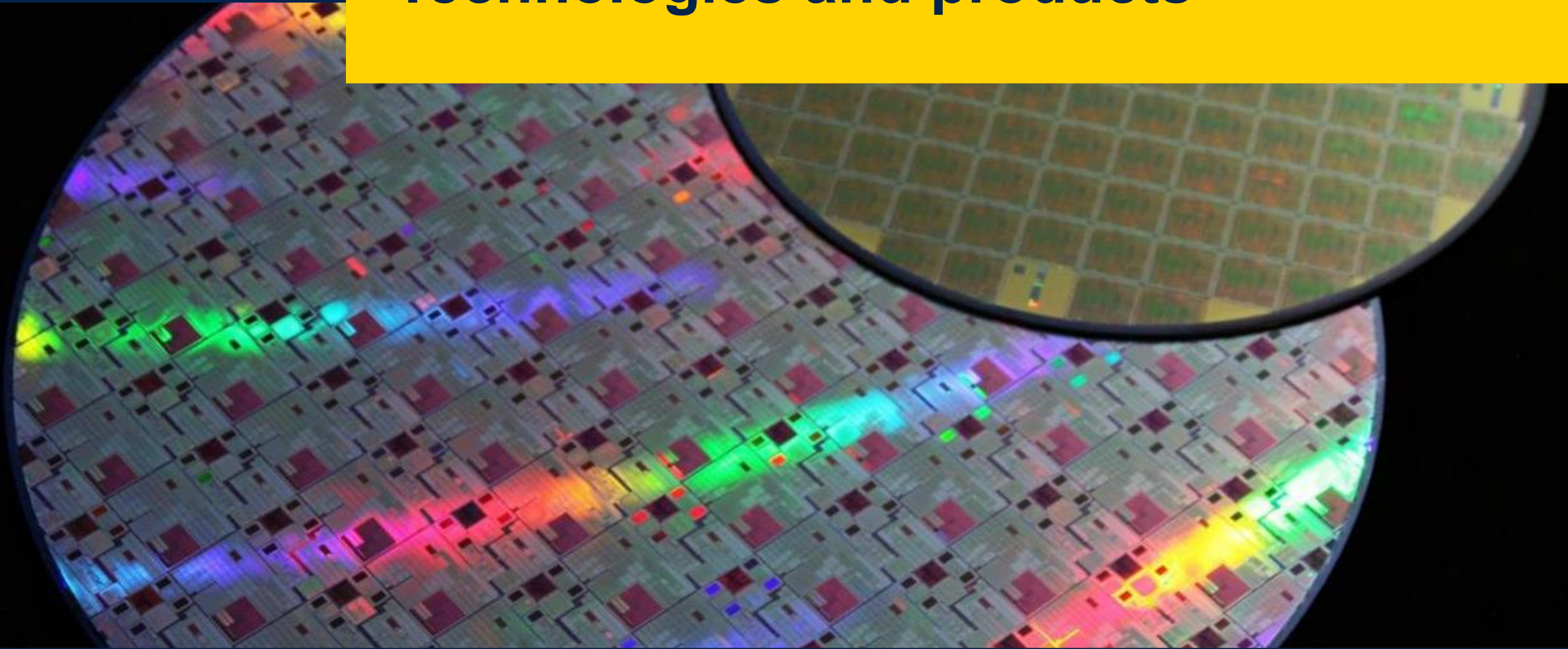
Address **selected** high-volume **applications** with differentiated products or custom solutions



Leverage **broad portfolio** to address high-volume applications



# Technologies and products





# Differentiated technologies are our foundation



## **MEMS**

for sensors & micro-actuators

## **Smart Power: BCD**

(Bipolar - CMOS - Power DMOS)

## **FD-SOI CMOS**

FinFET through Foundry

**Discrete, Power MOSFET, IGBT  
Silicon Carbide, Gallium Nitride**

**Analog, RF CMOS & BiCMOS,  
Silicon photonics**

Vertical Intelligent Power

eNVM CMOS

**Optical sensing solutions**

## **Packaging technologies**

Leadframe – Laminate – Sensor module – wafer level



# Our products and solutions enable customer innovation

**Dedicated  
automotive ICs**



**Analog, industrial &  
power conversion ICs**



**GP MCU & MPU, Wireless  
solutions, secure MCU, EEPROM**



**Discrete &  
power transistors**



**MEMS  
& optical sensing solutions**



**ASICs based on ST  
proprietary technologies**





# Dedicated automotive ICs

## Automotive MCU



Scalable single- and multicore MCU solutions  
Targeting cost-sensitive to highly advanced applications  
Supporting next-generation architectures and X-in-1 approach  
Comprehensive development ecosystem

## ADAS solutions

Image signal processors  
Radar transceivers  
V2X communication solutions  
Automotive CMOS image sensors  
Automotive inertial sensors

## Infotainment & telematics



Outstanding audio fidelity and positioning accuracy in every condition  
Secure smartphone mirroring  
Safe vehicle connectivity with wide set of peripherals

## Automotive analog & power



Solutions for battery management, traction, braking, airbag, door zone, engine, PMIC  
VIPower\* intelligent power switches, high-side & low-side drivers  
LED drivers  
Automotive-grade power discrete  
Complete system kit solutions



# Discrete & power transistors

## Key power technologies & packages for: Car electrification, power management, motor control



High-voltage and low-voltage silicon power MOSFETs (STripFET\*, Planar & MDmesh\*)  
IGBTs. Power bipolar transistors  
Silicon carbide MOSFETs  
Gallium nitride (GaN) on silicon power and RF transistors  
LDMOS & DMOS RF power transistors  
ACEPACK\* power modules. SLLIMM\* intelligent power modules

## Diodes, rectifiers, thyristors (SCR), AC switches

Silicon carbide (SiC) & high-voltage and low-voltage silicon diodes  
Ultra-fast & bridge rectifiers  
Power Schottky diodes & field-effect rectifiers  
Thyristors (SCR) & triacs  
ACS\* AC switches

## Transient voltage suppressors (TVS) EMI filtering & protection ICs

ESD protection  
EOS & lightning surge protection  
Current limiters  
IPAD\* integrated EMI and ESD protection devices  
Integrated passive devices

# Analog, industrial & power conversion ICs



## Power management



AC/DC & DC/DC  
MOSFET, IGBT, SiC, GaN gate drivers  
Analog / digital controllers  
Linear voltage regulators  
Intelligent power switches  
Galvanic isolation  
Digital power  
Smart power GaN  
Battery management | eFuses

## Analog products



Operational amplifiers, comparators, LDOs  
Current sensing amplifiers  
Filtering & conditioning  
Interfaces & transceivers  
Reset & supervisors  
Powerline communication  
IO-Link  
Rad-hard

## Motion control



Brushed DC motor drivers  
Brushless DC motor drivers  
Stepper motor drivers

## Application specific ICs

PMIC, pre-amps for data storage & servers  
Wireless charging, touch controller, display  
PMIC for personal devices  
Medical ICs



# MEMS & optical sensing solutions



## Motion sensors



Accelerometers & gyroscopes  
Inertial modules & smart sensors  
Vibrometers, inclinometers  
Magnetometers  
T-Plus: Motion MEMS with embedded temperature sensor

## Environmental & biosensors



Biosensors (motion + bio-signals)  
Barometers, pressure sensors  
Temperature sensors  
Electrostatic sensors  
MEMS microphones

## Micro actuators

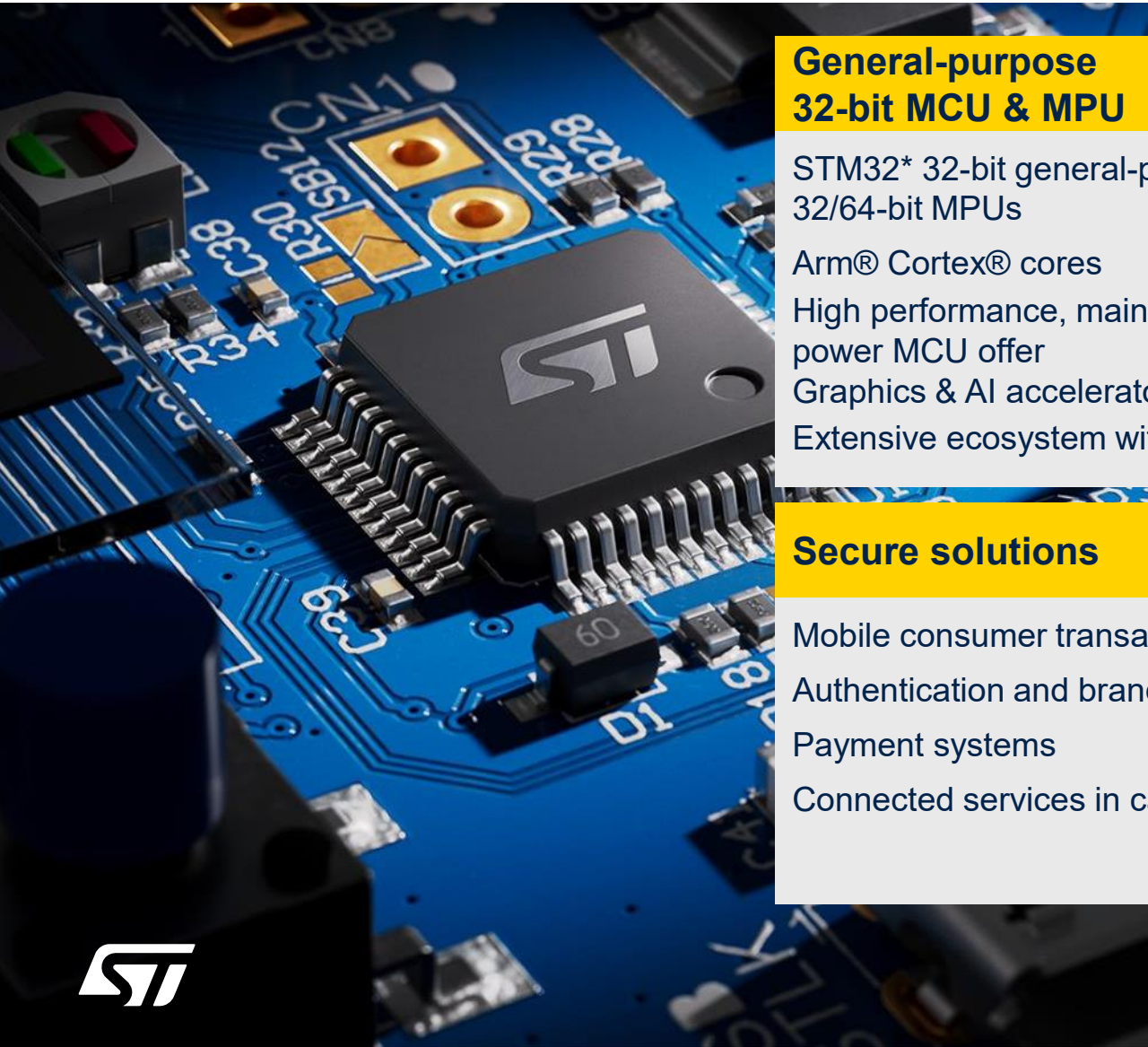
Actuators for printheads  
Piezoelectric actuators  
Electrostatic actuators  
Electromagnetic actuators  
Thermal actuators

## Optical sensing solutions



FlightSense\* ToF proximity & multi-zone ranging modules  
3D FlightSense ToF sensors  
BrightSense\* global shutter CMOS sensors  
Ambient light sensors  
Micro-optics  
Custom optical solutions

# General-purpose MCU & MPU, secure solutions & NFC



## General-purpose 32-bit MCU & MPU



STM32\* 32-bit general-purpose MCUs and 32/64-bit MPUs

Arm® Cortex® cores

High performance, mainstream, ultralow power MCU offer

Graphics & AI accelerators

Extensive ecosystem with edge AI

## Wireless 32-bit MCU



Bluetooth® Low Energy ICs

Zigbee, Thread, Matter

Wi-Fi modules

Sub-1 GHz & Sigfox-compatible devices

LoRaWAN® technology

STM32 DNA, extended ecosystem for RF

## Secure solutions



Mobile consumer transactions

Authentication and brand protection

Payment systems

Connected services in cars

## NFC & Memory



NFC / RFID Tags

Dynamic NFC tags

NFC / RFID Readers

High-performance & high-endurance EEPROMs



# ASICs based on ST proprietary technologies



ST offers strategic independence and product differentiation to ASIC customers through three key enablers:

- Advanced manufacturing technology platforms
- Worldwide design resources and advanced IP
- ST's Integrated Device Manufacturer supply chain

## Digital ASICs

System-on-chip designs in CMOS and FD-SOI technologies with eNVM option, as well as FinFET (through foundry)

## Analog & RF ASICs

Unique expertise in GHz wireless RF, analog, and optical device design using advanced technologies, such as RFSOI, BiCMOS, silicon photonics & millimeter wave

## MEMS and imaging ASICs

Proprietary micromachining process, deep expertise in MEMS integration  
Custom imaging solutions and premium foundry services

## Power ASICs

A broad portfolio of differentiated technologies including BCD, VIPower\*, SiC, GaN, and power MOSFET

# Manufacturing and R&D





# We offer quality, flexibility, and supply security



**Sweden**  
Norrköping

**France**  
Crolles  
Rousset  
Tours  
Rennes

**Italy**  
Agrate  
Catania  
Marcianise

**Morocco**  
Bouskoura

**Malta**  
Kirkop

**China**  
Shenzhen

**Philippines**  
Calamba

**Malaysia**  
Muar

**Singapore**

- Front-End (Wafer fabrication)
- Back-End (Assembly & Test)

# We are drivers of your innovation

**Advanced R&D centers around the world for close collaboration with operations, customers, and partners**



**~9,300** people working in R&D and product design

**~21,000** active and pending patents worldwide

**~16%** of revenues invested in R&D in 2024

**~200** active R&D partnerships

**13** fab labs to drive open innovation

**~80** startups engaged in our programs



# Recognized as a top global innovator



# Customers & sales



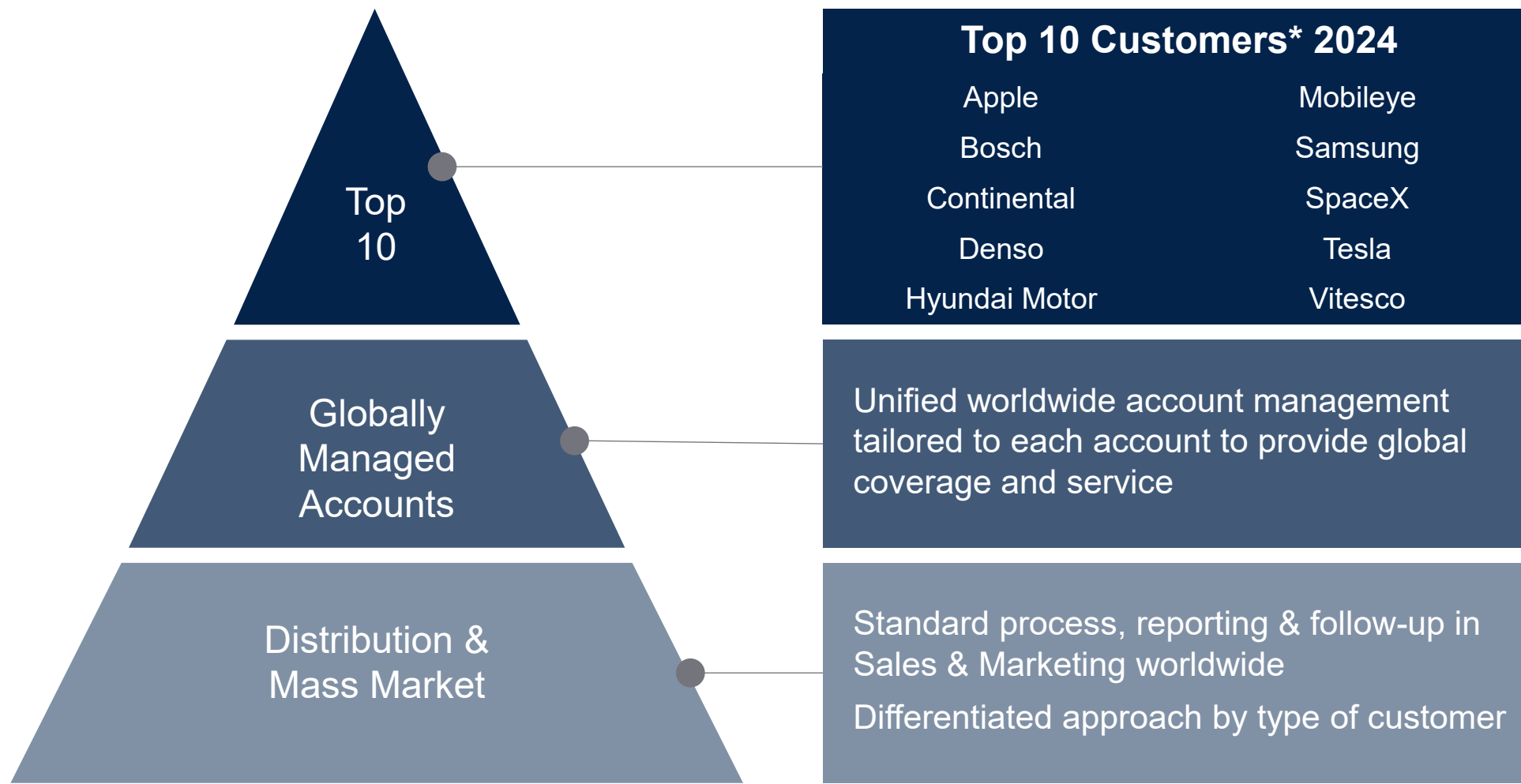


# We are partners with our customers worldwide

Over 80 sales offices in 35 countries



# We serve more than 200,000 customers

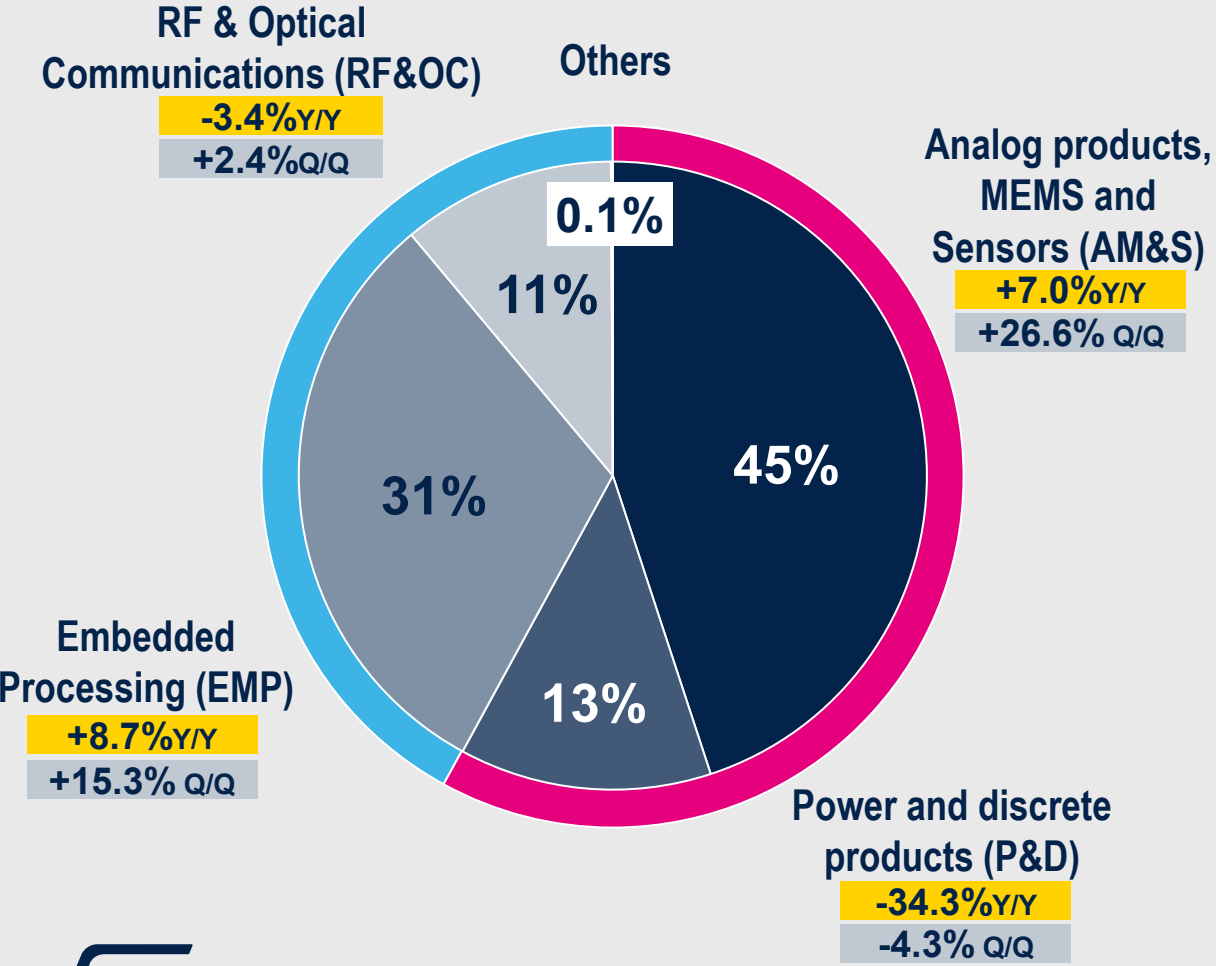


\*In alphabetical order



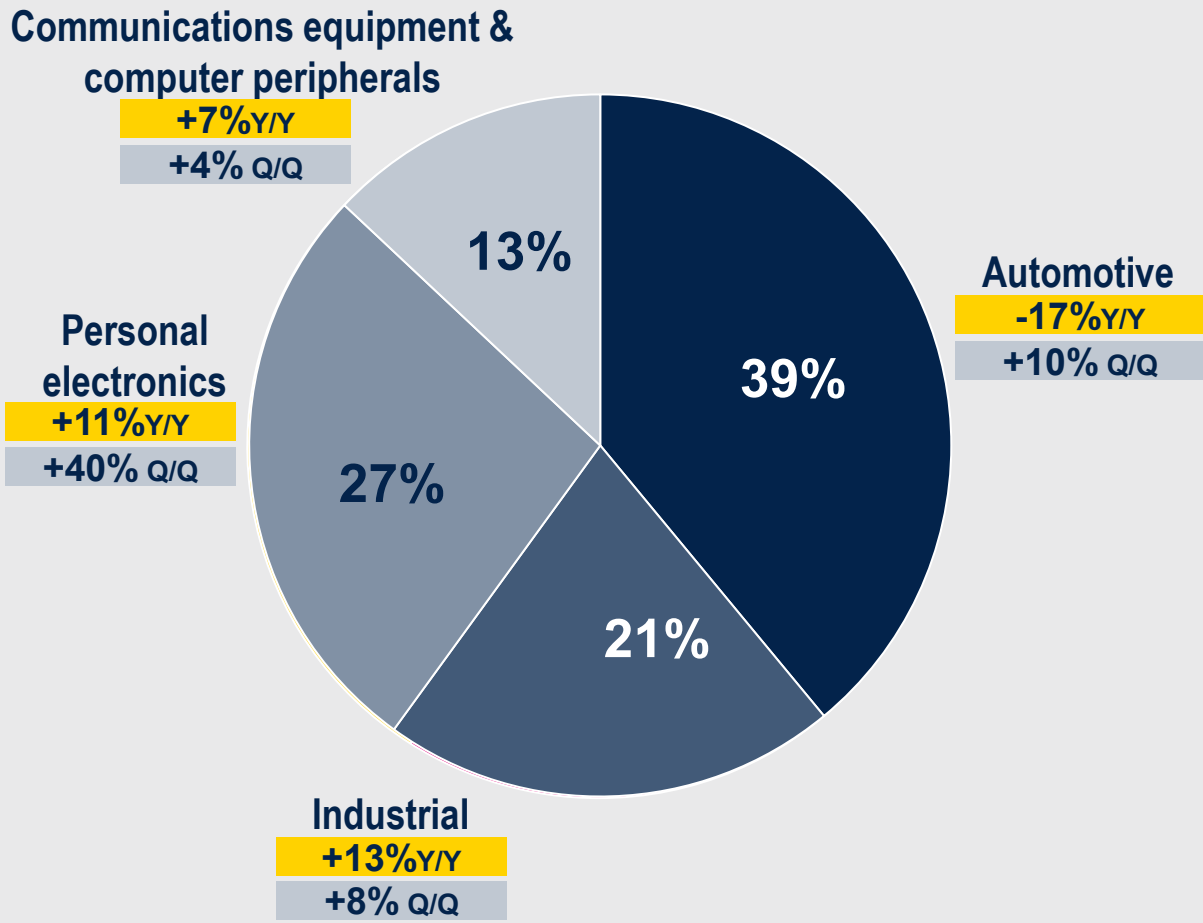
# Q3 2025 Revenues dynamic

## % by reportable segments



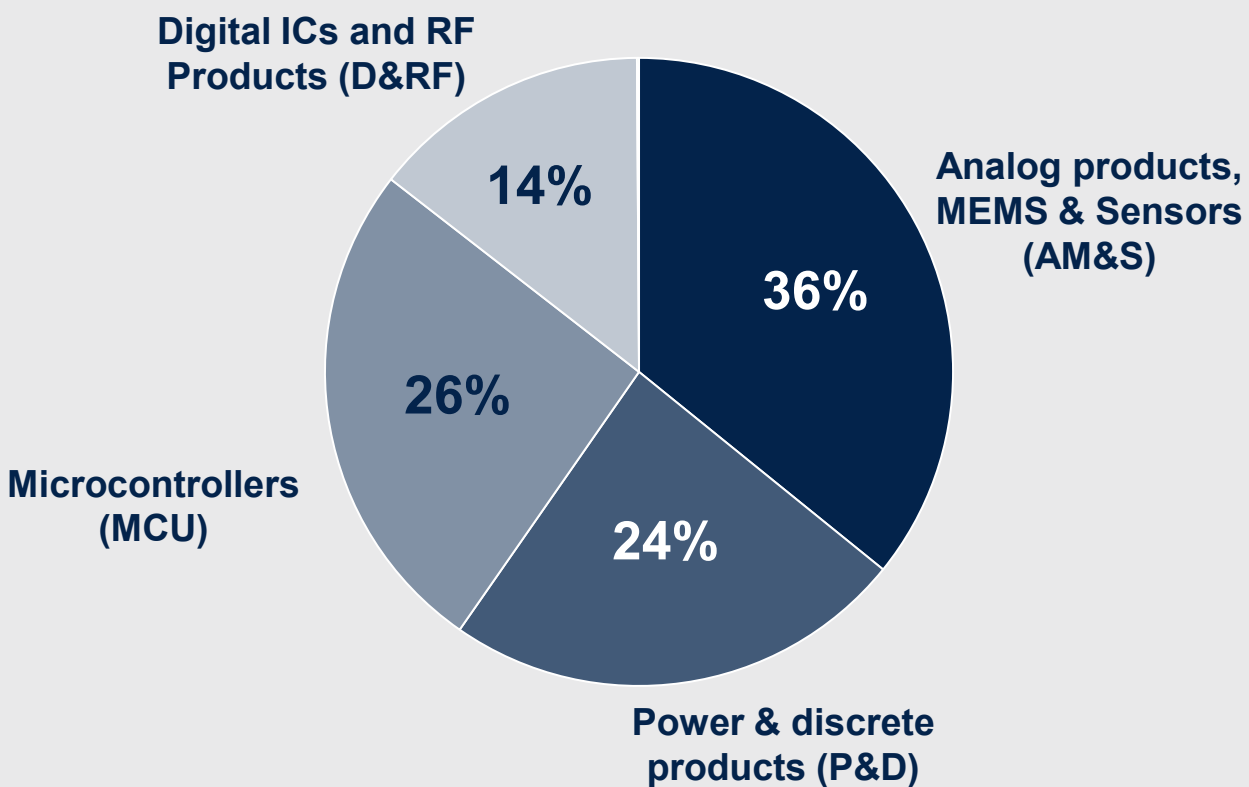
■ Analog, Power & Discrete, MEMS and Sensors (APMS)  
■ Microcontrollers, Digital ICs and RF products (MDRF)

## % by end market

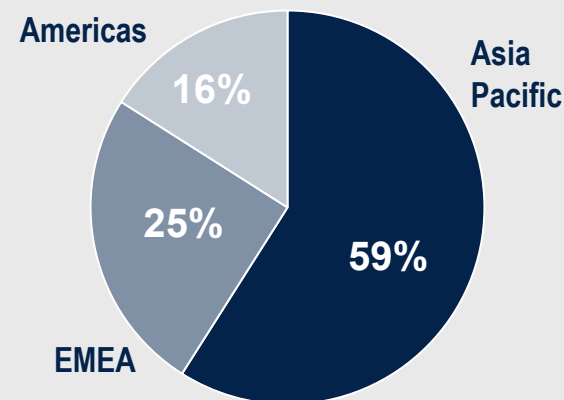


# FY 2024 revenues

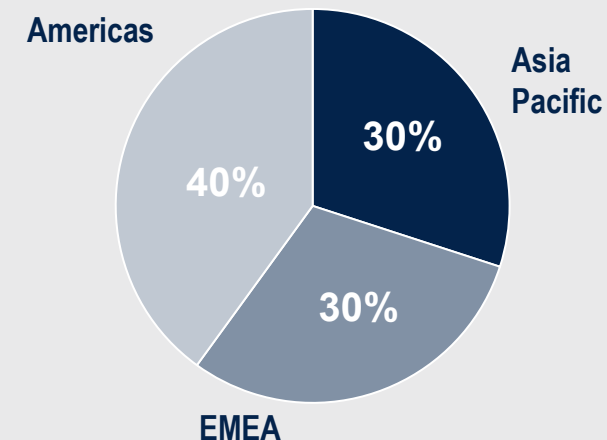
## % by reportable segments



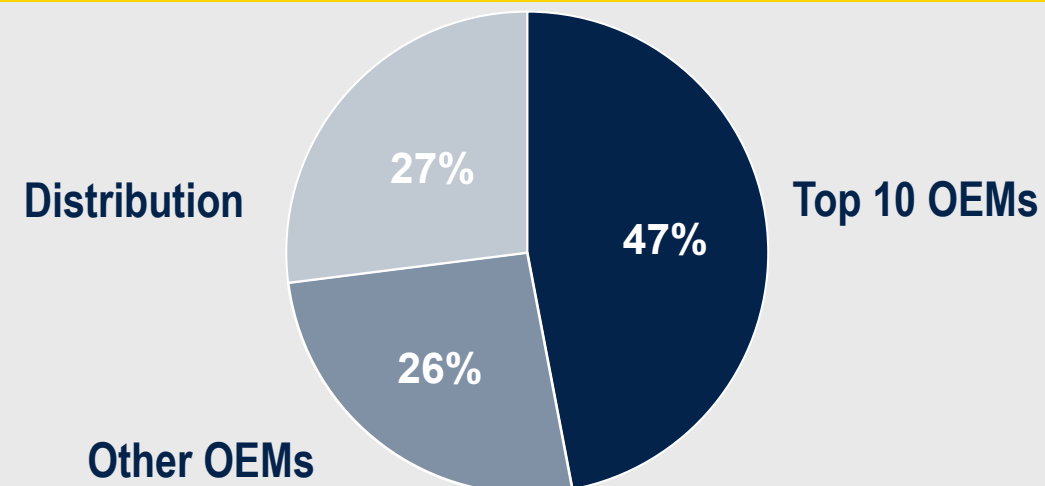
## % by shipment location



## % by region of origin



## % by customer type





# FY 2024 revenues by end market

Communications equipment &  
computer peripherals

- ~ 2%Y/Y

Personal electronics

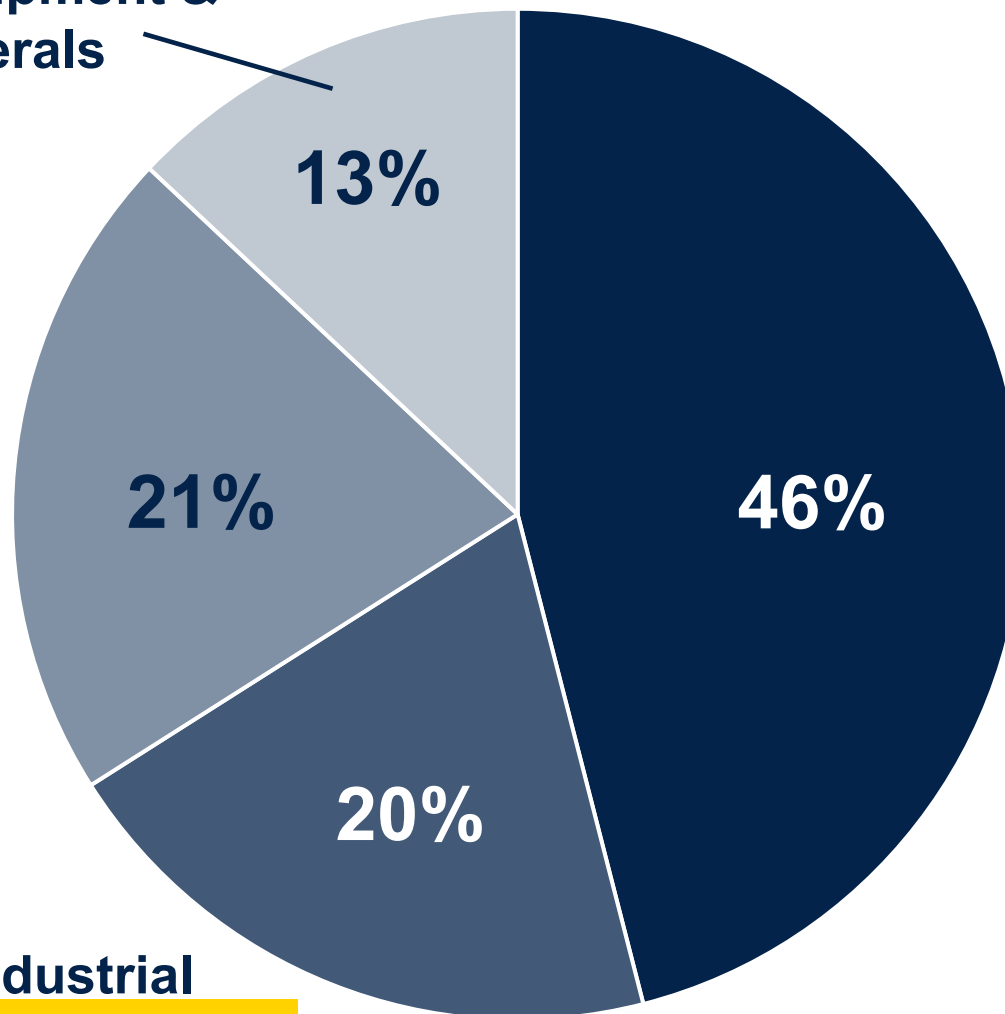
- ~ 11%Y/Y

Industrial

- ~ 49%Y/Y

Automotive

- ~ 14%Y/Y



# Our commitment to quality





# Quality is embedded in our culture

Our quality culture is driven by a commitment to continuously improve, a prevention mindset and our STRIVE for Excellence values



S	trength
T	eamwork
R	esilience
I	nnovation
V	alue
E	xpertise

Find out more at [www.st.com/quality](http://www.st.com/quality)

# Quality is a key business enabler for ST

## Our quality vision

Elevate ST quality to the highest levels,  
positioning it as a valuable asset  
for our customers

## Our quality mission

Ensure ST products meet the highest quality  
and reliability requirements of customers  
in the markets we address

## Our quality strategy



- Deploy a mindset and culture of quality
- Focus on quality performance at our customers
- Innovate for advanced quality and reliability
- Drive structured result-driven improvement programs



# The ST Quality Review

## Quality Review

2022 -  
2023



An annual status of the ST Quality organization, infrastructure and initiatives that demonstrate our commitment to continually strive for excellence.

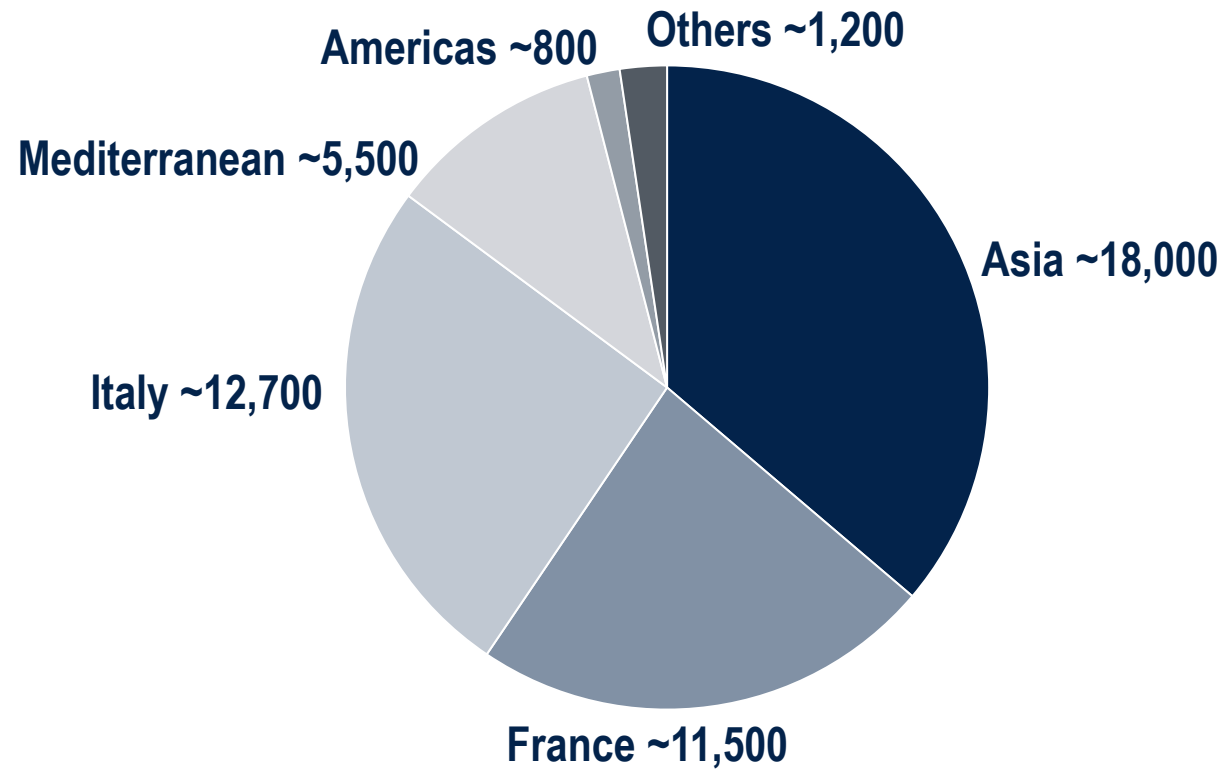
**Read ST's [2022-23 Quality review](#)**

# Our people





# Our technology starts with our people



Manufacturing	~ 63%
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Research & Development	~ 19%
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Marketing & Sales, Divisional Functions, Administration & General services	~ 19%
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# ST recognized as a Global Top Employer 2025

ST awarded “Top Employer Global” certification for the first time  
17 companies in the world have obtained this international  
certification for 2025

ST entities in 41 countries certified as Top Employer





# Sustainability



# Sustainability has been engraved in our business model and culture for over 30 years



The Digital Unify Program is a global initiative aimed at accelerating digital inclusion and economic growth in emerging markets. It focuses on providing digital skills training and access to digital tools for underserved communities, enabling them to participate in the digital economy and improve their livelihoods. The program is implemented in partnership with local governments, NGOs, and the private sector. The results of the program are showcased in the 'Digital Unify' report, which highlights the impact of the program on the lives of the beneficiaries.



1987	Creation of ST. Business conduct & ethics policy
1993	First environmental policy
1995	First environmental decalogue
1997	First environmental report, ISO 14001, EMAS
2000	Signatory of the UNGC 10 principles
2001	Creation of ST Foundation
2002	Establishment of a reforestation program
2003	OHSAS18001 safety certification (migration to ISO 45001 in 2021)
2007	Conflict Minerals program
2011	Sustainable Technology program
2012	ISO 50001 energy management
2014	5 <sup>th</sup> Environment, Health & Safety Decalogue
2016	ISO 22301 Business Continuity 1 <sup>st</sup> certification
2020	Commitment to be Carbon Neutral by 2027*
2025	28 <sup>th</sup> year of reporting First integrated report as part of ST's annual report New Sustainability Charter published



\*on scope 1 & 2 and focusing on product transportation, business travel and employee commuting emissions for scope 3



# Our approach to sustainability

## Sustainable technology



**We create technology that contributes to a sustainable world**

Designing responsible products and technologies  
Managing the lifecycle of our products in sustainable way  
Responsible minerals sourcing  
Eco-design devices - power-efficient & low-carbon

## Sustainable way



**We prioritize people**

Ensuring people health, safety, & well-being  
Role model in labor & human rights  
Fostering a diverse & inclusive work environment  
Offering great employee experience



**We respect the environment**

Committing to carbon neutrality\*  
Leading environmental management system  
Reducing water usage & addressing local scarcity risks  
Reducing waste & promoting a circular economy

## Sustainable company



**We generate long-term value for our stakeholders**

Embedding risk management  
Monitoring and developing the extended supply chain  
Promoting STEM in all our eco-systems  
Monitoring & transparently reporting our progress



STEM (Science, Technology, Engineering, Mathematics)

\*on scope 1 & 2 and focusing on product transportation, business travel and employee commuting emissions for scope 3

# Our business model

## Management of our impact

### Suppliers

We require our suppliers to implement the **Responsible Business Alliance (RBA)** standards and encourage ISO and OHSAS certifications to address ethics, social, environmental, health, and safety risks.

We participate in the **Responsible Minerals Initiative**.

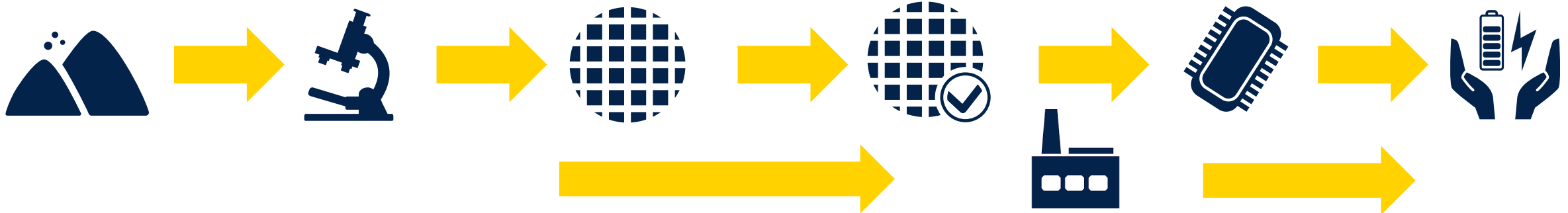
### Environment

We deploy programs to reduce our direct and indirect **greenhouse gas emissions** from all our operations, including Perfluorinated Compounds (PFCs), which have a very long atmospheric lifetime and high global warming potential.

We minimize the **environmental, health and safety risks** related to the chemicals and materials used in the manufacturing process, by basing the selection, handling, and substitution on the precautionary principles.

We are continually reducing our **water footprint** through reuse and recycling and all our wastewater is treated before being discharged into the environment.

We reduce, reuse, recycle or recover as much of our **waste** as possible, rather than sending it to incineration or landfill.



### People

We ensure the **health and safety** of our employees through advanced management systems and certification.

We implement our **Code of Conduct** and the RBA standards in all our sites to mitigate our **ethics and labor and human rights risks** and carry out regular assessments and audits in all our production sites.

### Products

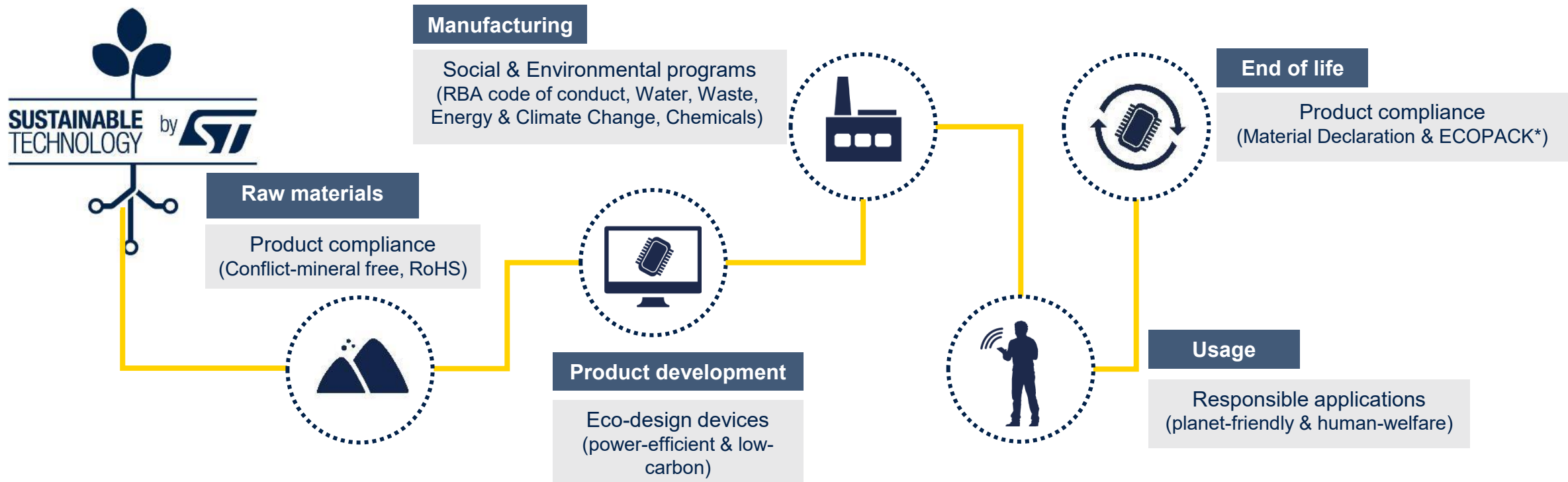
Through our **Sustainable Technology program** we design products systematically taking into consideration the environmental impact of the device during its whole life cycle, including raw materials, transportation, manufacturing, usage and end of life.



# Sustainable technology

Our **Sustainable Technology** program aims to develop responsible products which:

- improve our **social and environmental footprint** at every stage of the product life
- have the greatest **positive impact** on the planet and people in the end-application





# We will be carbon neutral by our 40th anniversary

## Milestones

Compliance with the **1.5°C scenario**  
by 2025 – recognized by SBTi



**Carbon neutral by 2027** (on Scope 1 & 2 and focusing on product transportation, business travel and employee commuting emissions for scope 3)

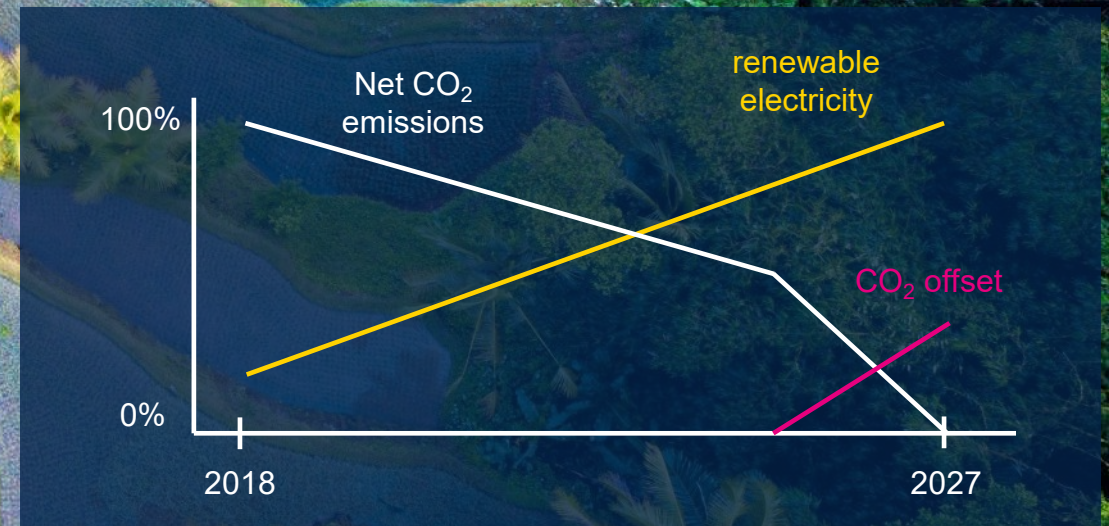
Sourcing **100% renewable electricity** by 2027

**Collaborative programs** and partnerships for carbon neutrality throughout our ecosystems



**In 2024**

**84% electricity from renewable sources**





# Sustainability recognition

## TIME World's Most Sustainable Companies



Ranked 25<sup>th</sup> most sustainable company globally and 1<sup>st</sup> in Electronics, Hardware and Equipment category

## CDP leadership band



In the CDP leadership band for climate change management (A) and water management (A-)

# ST Foundation

ST Foundation's mission is to develop, coordinate, and sponsor projects that employ modern science & latest technologies to promote human progress



The ST Foundation continues to **bridge the digital divide** between those who have access to modern technologies and those who do not

The Digital Unify (DU) program, launched in 2003, has trained over **1,200,000 people in 31 countries** since its inception

In 2024, over 139,000 trainee students took part in classes on basic and advanced computer skills, and 'Tablets for Kids'



[st.com/st-foundation](https://st.com/st-foundation)



# Our technology starts with You



Find out more at [www.st.com](http://www.st.com)

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