We are creators and makers of technology

- One of the world’s largest semiconductor companies
- 2019 revenues of $9.56B
- 46,000 employees of which 7,800 in R&D
- Over 80 Sales & marketing offices serving over 100,000 customers across the globe
- 11 Manufacturing sites
- Signatory of the United Nations Global Compact (UNGC), Member of the Responsible Business Alliance (RBA)
ST stands for life.augmented

Everywhere microelectronics make a positive contribution to people’s lives, ST is there.
Our value proposition

For our **shareholders**
- Return value in line with our sustainable, profitable growth objective
- Sustainable and profitable growth

For our **customers**
- Provide differentiating enablers
- Independent, reliable & secure supply chain

For other **stakeholders**
- Committed to sustainability
- Our values: Integrity – People – Excellence
At ST we create technology that starts with You

Our technology starts with You

Our employees
Our customers
Our partners
Our end customers
Where you find us

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

Enabling the evolution of **industry** towards smarter, safer and more efficient factories and 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 technology stems from long-term strategic enablers

**Smart Mobility**

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

**Power & Energy**

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

**Internet of Things & 5G**

ST provides **sensors, embedded processing solutions, connectivity, security and power management**, as well as **tools and ecosystems** to make development fast and easy for our customers.
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
- Affordable, desirable electric vehicles
- Cleaner, greener Internal Combustion Engines (ICE)

Road crashes carry a high human toll and cost > $500 Billion every year.

Electric vehicles* from 9% in 2019 to 19% in 2025 of global car production.

ICEs in > 90% of new vehicles produced 2020-2025.

Sources: [www.asirt.org](http://www.asirt.org), Strategy Analytics
* Excluding Mild Hybrid EV
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

Decrease carbon emissions to reduce global warming impact

Increase use of renewable energy

> 30% global electricity demand increase from 2020 to 2030

45% CO₂ emission reduction from 2010 to 2030 to limit warming to 1.5°C

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

Sources: IEA, IPCC, BP
Internet of Things & 5G

ST provides sensors, embedded processing, connectivity, security and power management, as well tools and ecosystems.

- **Cloud connected and data-enabled services**
- **Digital security for all data**
- **5G accelerating the connection of objects to the IoT**

**Two** billion industrial IoT & utility connected devices by 2022

IoT security services market > **$10 billion** in 2021

> **90** million new 5G IoT connections in 2026

Source: ABI
Our Strategy
We address four end markets

Automotive

Industrial

Personal electronics

Communications equipment, computers & peripherals
Our strategic objectives

**Automotive**
- Leadership in car electrification
- Leadership in car digitalization

**Industrial**
- Leadership in industrial embedded processing
- Accelerate growth in analog & sensors for industrial
- Expansion in industrial power & energy management
- Acceleration of growth with industrial OEMs

**Personal electronics**
- Leadership in selected high-volume smartphone applications:
  - Sensors, secure solutions, power management, analog and Front End Module
- Capture opportunities in 5G with RF mixed signal

**Communications Equipment, Computers & Peripherals**
- Transform approach to communication infrastructure:
  - From digital wireline to cellular and satellite
Products and Technologies
Differentiated technologies are our foundation

- MEMS for sensors & Micro-actuators
- FD-SOI CMOS FinFET through Foundry
- Analog & RF CMOS
- eNVM CMOS
- Smart Power: BCD (Bipolar - CMOS - Power DMOS)
- Discrete, Power MOSFET, IGBT Silicon Carbide, Gallium Nitride
- Vertical Intelligent Power
- Specialized imaging sensors

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, Secure MCUs, EEPROM

Discrete & Power Transistors

MEMS & Specialized Imaging Sensors

ASICs based on ST proprietary technologies
Manufacturing and R&D
We offer quality, flexibility and supply security
We are drivers of your innovation

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

- **18,500** patents & **590** new filings in 2019
- **16%** of revenues invested in R&D
- **7,800** people working in R&D and product design
Customers & Sales
We are partners with our customers worldwide

Over 80 sales offices in 35 countries
We serve more than 100,000 customers

Top 10 Customers* 2019
- Apple
- Bosch
- Ciena
- Continental
- HP
- Huawei
- Mobileye
- Samsung
- Seagate
- Tesla

Unified worldwide account management tailored to each account to provide global coverage and service

Standard process, reporting & follow-up in Sales & Marketing worldwide
Differentiated approach by type of customer

*In alphabetical order
Q4 2019 revenues

% by product group Q4 2019

- Analog, MEMS & Sensors Group (AMS): 39%
- Automotive & Discrete Group (ADG): 34%
- Microcontrollers & Digital ICs Group (MDG): 27%
- Others: 0.1%

% by location of order shipment Q4 2019

- Americas: 67%
- EMEA: 20%
- Asia Pacific: 13%
- Others: 0.1%

% by market channel Q4 2019

- Top 10 OEMs: 50%
- Distribution: 28%
- Other OEMs: 22%
2019 revenues by product group and customer type

% by product group 2019

- Analog, MEMS & Sensors Group (AMS): 34%
- Automotive & Discrete Group (ADG): 38%
- Microcontrollers & Digital ICs Group (MDG): 28%
- Others: 0.1%

% by customer type 2019

- Top 10 OEMs: 45%
- Other OEMs: 25%
- Distribution: 30%
2019 revenues
Shipment location and region of origin

<table>
<thead>
<tr>
<th>Shipment location</th>
<th>Region of origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Americas</td>
<td>Asia Pacific</td>
</tr>
<tr>
<td>62%</td>
<td>38%</td>
</tr>
<tr>
<td>EMEA</td>
<td>Americas</td>
</tr>
<tr>
<td>24%</td>
<td>33%</td>
</tr>
<tr>
<td>Asia Pacific</td>
<td>EMEA</td>
</tr>
<tr>
<td>14%</td>
<td>29%</td>
</tr>
</tbody>
</table>
Our People
Our technology starts with our people

Manufacturing ~ 67%
Research & Development ~ 17%
Marketing & Sales, Divisional Functions, Administration & General services ~ 16%

As of December 31, 2019

Italy ~10,600
Mediterranean ~4,700
France ~10,100
Americas ~1000
Asia ~18,400
Others ~750
Our quality commitment

Our Quality Vision
Elevate ST to the highest level of quality as an asset for our customers

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

How we achieve this

- We are committed to a sustainable culture of quality excellence
- Our quality targets are focused on our customers
- We ensure our improvement programs are effective
Sustainability
Sustainability is an integral part of ST
Our sustainability strategy

We conduct our business responsibly to create value for all stakeholders

WE LIVE OUR VALUES: People, Integrity, Excellence

WE PUT PEOPLE FIRST
- Health & Safety
- Labor & Human Rights
- Development & Engagement
- Diversity & Inclusion

WE IMPROVE EVERYBODY’S LIFE
- Sustainable Profit
- Innovation
- Quality
- Sustainable Technology

WE PROTECT THE ENVIRONMENT
- Energy & Climate Change
- Water
- Waste & Effluents
- Chemicals

TOGETHER, WE SHAPE THE FUTURE
- Supply Chain Responsibility, Education & Volunteering

Based on 2017 external materiality exercise
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
Our sustainability ambitions & goals

WE PUT PEOPLE FIRST

Health & Safety
Be a safe workplace with zero injuries, zero occupational diseases and ensure healthy lives and well-being for all.

Labor & Human Rights
Be recognized as a leader in labor and human rights and accept zero tolerance on forced labor.

Development & Engagement
Offer the best employee experience in all the locations where we operate.

Diversity & Inclusion
Achieve full gender equality and be a leader in cultural and disability inclusion.

WE IMPROVE EVERYBODY’S LIFE

Innovation & Profits
Sustain profitable growth, being the world leader in Industrial, Internet of Things and Automotive applications and markets.

Quality
Lead our market in terms of product quality, with no severe quality incident, while meeting the most stringent customer expectations.

Sustainable Technology
Design and manufacture products that have the greatest positive impact on the planet and society.

WE PROTECT THE ENVIRONMENT

Energy & Climate Change
Continuously reduce our carbon footprint and our impact on climate change by decreasing our GHG emissions and improving energy efficiency.

Water
Maintain our leadership in water efficiency by reducing consumption, recycling more, and reinforcing our efforts in water scarcity areas.

Waste & Chemicals
Strive for zero waste in landfill, reduce our consumption of chemicals and eliminate hazardous materials.

TOGETHER, WE SHAPE THE FUTURE

Supply Chain Responsibility
Systematically assess and mitigate social, environmental, health & safety, and ethical risks in our extended supply chain.

Education & Volunteering
Prepare the future by supporting education in schools in all the countries where we operate.

OUR AMBITIONS

2025 GOALS

<0.15% recordable cases* for employees and contractors
* Injuries and Illnesses

100% of ST manufacturing sites recognized by external international bodies

Employee engagement rate +10 points above country norms

>20% women in all management levels

100% suppliers at risk audited

STEM* education partnerships in 20 countries
* Science, Technology, Engineering, Mathematics

>20% of revenues generated by new product lines

-75% severe quality incidents* 2016 baseline

x3 % revenues generated by responsible products* 2016

-20% energy consumption and GHG emissions* Normalized values vs 2016

-20% water consumption* Normalized values vs 2016

95% of our waste reused and recycled
Read ST’s 2019 sustainability report

- To learn more about ST’s sustainability performance in 2018
- To discover ST’s sustainable ambitions and goals for 2025

Among the highlights in 2018:

- 90% of our employees covered by annual human rights assessments
- 93% of waste reused, recovered or recycled
- 77% employee engagement score 8 points above the industry norm
- 100% of our products are conflict-mineral free
- 549 new patents filed
- 50% of new products are responsible products
- 374 voluntary initiatives from 33 sites worldwide
- 42% of direct GHG emissions offset by reforestation projects

Available on www.st.com/company-reports
Thank you