STMicroelectronics

- Among the world’s largest semiconductor companies
- Serving over 100,000 customers across the globe
- 2018 revenues of $9.66B, with year-on-year growth of 15.8%
- Listed: NYSE, Euronext Paris and Borsa Italiana, Milan
- Signatory of the United Nations Global Compact (UNGC), Member of the Responsible Business Alliance (RBA)

- ~46,000 employees worldwide
- ~7,400 people working in R&D
- 11 manufacturing sites
- Over 80 sales & marketing offices

As of December 31, 2018
Global Presence

- Research & Development
- Main Sales & Marketing
- Front-End
- Back-End
Where You Find Us

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

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

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

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

ST stands for

*life.augmented*

Everywhere microelectronics make a positive contribution to people’s lives, ST is there.
ST Addresses Four End Markets

- **Automotive**
- **Industrial**
- **Personal Electronics**
- **Communications Equipment, Computers & Peripherals**
ST Focus Applications Approach

- **Smart Driving**
- **Smart Industry**
- **Smart Home & City**
- **Smart Things**

Images and icons represent various applications within these categories.
Smart Driving

Making driving Safer, Greener and more Connected

Safer
- Having cars drive better than we can & always watching for threats
- Making driving safer for car occupants and other road users by actively avoiding accidents

Greener
- Improving power and fuel efficiency, and helping minimize emissions and car maintenance
- Moving towards electric vehicles

More Connected
- Enabling personalized car entertainment and connectivity
- Allowing vehicles to communicate with each other and the infrastructure (V2X)
Enabling smarter, safer and more efficient factories and workplaces

- Factories that produce in a more efficient manner
- More flexibility and customization possibilities in the supply chain
- More sustainable production with less waste and less energy used
- Safer working environments for people
- Better man-machine cooperation in the work place
- Optimized usage of machines and tools
Making Home & Cities Smarter

**Smart City**
- Smart city infrastructure to improve traffic and municipal services
- Smart Grid
- Intelligent, adaptive street lighting
- Smart Buildings

**Smart Home**
- Smart control of heating, air conditioning, appliances, locks and alarms
- Smart meters to connect homes to the smart grid
- More energy efficiency, convenience, comfort and security
Smart Things

Making Every Thing Smarter

A Smart Thing ...

- Understands the environment
- Manages data and transforms it into information
- Connects to the world
- Protects your data
- Is energy efficient
Product Family Focus

Portfolio delivering complementarity for target end markets and synergies in R&D and manufacturing

- Dedicated Automotive ICs
- Discrete & Power Transistors
- Analog, Industrial & Power Conversion ICs
- Automotive
- Industrial
- Personal Electronics
- Communications Equipment, Computers & Peripherals
- MEMS & Specialized Imaging Sensors
- ASICs based on ST proprietary technologies
- GP MCU & MPU Secure MCUs EEPROM
Flexible & Independent Manufacturing

Front-End

Back-End

France (Crolles, Rousset, Tours)

Italy (Agrate, Catania)

Malta

Morocco

China (Shenzhen)

Malaysia

Philippines

Singapore
An Unwavering Commitment to R&D

- Advanced research and development centers around the globe

- ~18,000 patents; ~9,600 patent families; ~550 new filings (in 2018)

- ~7,400 people working in R&D and product design

As of December 31, 2018
Partners with Our Customers Worldwide

Over 80 sales offices in 35 countries
Serving More Than 100,000 Customers

Top 10 Customers* 2018
Apple
Bosch
Cisco
Conti
HP
Huawei
Mobileye
Samsung
Seagate
Western Digital

*In alphabetical order

Top 10

Globally Managed Accounts

Distribution & Mass Market

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
Q1 2019 Revenues

% by product group Q1 2019

- Analog, MEMS & Sensors Group (AMS): 27%
- Microcontrollers & Digital ICs Group (MDG): 30%
- Automotive & Discrete Group (ADG): 43%
- Others: 0.2%

% by location of order shipment Q1 2019

- Americas: 17%
- EMEA: 30%
- Asia Pacific: 53%

% by market channel Q1 2019

- Distribution: 34%
- Top 10 OEMs: 37%
- Other OEMs: 29%
2018 Revenues
by Product Group and Customer Type

% by Product Group 2018

- Analog, MEMS & Sensors Group (AMS): 33%
- Microcontrollers & Digital ICs Group (MDG): 30%
- Automotive & Discrete Group (ADG): 37%
- Others: 0.1%

% by Customer Type 2018

- Top 10 OEMs: 37%
- Other OEMs: 28%
- Distribution: 35%
2018 Revenues
by Shipment Location and Region of Origin

% by Shipment location 2018

- Americas: 61%
- Asia Pacific: 26%
- EMEA: 13%

% by Region of Origin 2018

- Americas: 34%
- Asia Pacific: 35%
- EMEA: 31%
People are Our Foundation

Present in over 35 countries

- Manufacturing: ~ 68%
- Research & Development: ~ 16%
- Marketing & Sales, Divisional Functions, Administration & General services: ~ 16%

...working everyday to increase the quality and experience of life for all
ST Quality Vision & Strategic Drivers

Win a Quality Leadership position with all our customers

Customer Focus
- Listen
- Communicate
- Service

Built-in Quality
- Development
- Ramp Up
- Volume Production

Lean Leadership
- Lean Practice
- Perfect Execution
- People Behavior
Our Longstanding Commitment to Sustainability

- **ST's creation**
- **1987**: Business conduct & ethics policy
- **1993**: Environmental policy
- **1995**: 1st Environmental Decalogue
- **1997**: 1st ISO 14001 EMAS report
- **1987-2018**: 12 ambitions and 2025-goals Sustainability strategy

- **1999**: Signatory of the UNGC 10 principles
- **2000**: 1st ST Code of Conduct Principles of Sustainable Excellence
- **2001**: Health Plan
- **2002**: Reforestation program
- **2003**: OHSAS 18001 Safety 1st certification
- **2005**: Supply Chain Responsibility program
- **2006**: 1st ST Code of Conduct Principles of Sustainable Excellence
- **2007**: Ethics committee
- **2008**: ISO 14001 EMAS 1st certification
- **2009**: ISO 22301 Business Continuity 1st certification
- **2010**: ISO 22301 Business Continuity 1st certification
- **2011**: Conflict Minerals program
- **2012**: Conflict Minerals program
- **2013**: ISO 50001 Energy management 1st certification
- **2014**: ISO 50001 Energy management 1st certification
- **2015**: 5th Environment, Health & Safety Decalogue
- **2016**: ISO 50001 Energy management 1st certification
- **2017**: ISO 22301 Business Continuity 1st certification
- **2018**: Sustainability strategy

- **2019**: 20th Sustainability Report
- **2020**: 20th Sustainability Report
- **2021**: 20th Sustainability Report

- **2022**: 20th Sustainability Report
- **2023**: 20th Sustainability Report

- **2024**: 20th Sustainability Report
- **2025**: 20th Sustainability Report
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.

<0.15% recordable cases* for employees and contractors
100% of ST manufacturing sites recognized by external international bodies
Employee engagement rate +10 points above country norms
>20% women in all management levels

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.

>20% of revenues generated by new product lines
-75% severe quality incidents* *2016 baseline
x3 % revenues generated by responsible products* *in 2016

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.

-20% energy consumption and GHG emissions* *Normalized values vs 2016
-20% water consumption* *Normalized values vs 2016
95% of our waste reused and recycled

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.

100% suppliers at risk audited
STEM* education partnerships in 20 countries
* Science, Technology, Engineering, Mathematics

2025 GOALS
Read Our 2018 Sustainability Report

• to learn more about ST’s **sustainability performance in 2017**
• to discover the new **sustainable ambitions and goals for 2025**

Among the highlights in 2017:

- 73 companies made it onto CDP’s Water A List. We’re one of them.
- 91% of waste is reused, recovered or recycled
- 26% of energy purchased comes from renewable sources
- 234 active R&D partnerships
- 43% of new products are Responsible Products
- 86% of our employees are covered by human rights risk assessments
- 48 average training hours per employee
- 335 voluntary initiatives from 30 sites worldwide
- Recordable injury case rate 0.14 among the best in class
- 100% of our products are conflict-mineral free

http://www.st.com\company-reports