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

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

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**Dedicated Automotive ICs**

**Analog, Industrial & Power Conversion ICs**

**Discrete & Power Transistors**

**GP MCU & MPU Secure MCUs EEPROM**

**ASICs based on ST proprietary technologies**

**MEMS & Specialized Imaging Sensors**
Flexible & Independent Manufacturing

France (Crolles, Rousset, Tours)
Italy (Agrate, Catania)
Malta
Morocco
China (Shenzhen)
Malaysia
Philippines
Singapore

Front-End
Back-End
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

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
Q3 2019 Revenues

% by product group Q3 2019

- Analog, MEMS & Sensors Group (AMS): 38%
- Automotive & Discrete Group (ADG): 35%
- Microcontrollers & Digital ICs Group (MDG): 27%
- Others: 0.1%

% by location of order shipment Q3 2019

- Americas: 13%
- EMEA: 21%
- Asia Pacific: 66%

% by market channel Q3 2019

- Top 10 OEMs: 49%
- Other OEMs: 23%
- Distribution: 28%
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: 35%
- Other OEMs: 37%
- Distribution: 28%
2018 Revenues by Shipment Location and Region of Origin

% by Shipment location 2018

- Americas: 61%
- Europe, Middle East, and Africa (EMEA): 26%
- Asia Pacific: 13%

% by Region of Origin 2018

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

Present in over 35 countries

- Asia: ~4,900
- France: ~750
- Italy: ~900
- Mediterranean: ~10,300
- Americas: ~10,300
- Rest of Europe: ~18,800

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

As of December 31, 2018
Committed to Quality

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
Our Longstanding Commitment to Sustainability

1987 ST’s creation
1993 Business conduct & ethics policy
1995 Environmental policy
1997 1st Environmental Decalogue
1997 1st ISO 14001 EMAS report
1997 1st Environmental report
2000 Signatory of the UNGC 10 principles
2001 Reforestation program
2002 1st OHSAS 18001 Safety certification
2003 Supply Chain Responsibility program
2005 1st ST Code of Conduct Principles of Sustainable Excellence
2006 Ethics committee
2007 Conflict Minerals program
2011 Sustainable Technology program
2012 ISO 50001 Energy management 1st certification
2014 5th Environment, Health & Safety Decalogue
2016 ISO 22301 Business Continuity 1st certification
2017 20th Sustainability Report
2017 Sustainability strategy 12 ambitions and 2025 goals
2018 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.

**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.

- **2025 GOALS**
  - <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 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.

- **2025 GOALS**
  - -20% energy consumption and GHG emissions* 
  - -20% water consumption* 
  - 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.

- **2025 GOALS**
  - 100% suppliers at risk audited
  - STEM* education partnerships in 20 countries
  - * Science, Technology, Engineering, Mathematics
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

- 549 new patents filed
- 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
- 90% of our employees covered by annual human rights assessments
- 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