Saft Presentation 2017



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Who is Saft today?

INTERNATIONAL PRESENCE **GROUP PROFILE** 0</t ******* ******** ~100 years of history 32% 35% LURODE Leadership position North Å 5570 America on 75-80% of revenue base ***** *************** .atAm 9% invested in R&D with 3 main technologies 00000 €738m revenue FY 2016 ••• ... 4,100+ 3,000+ customers people



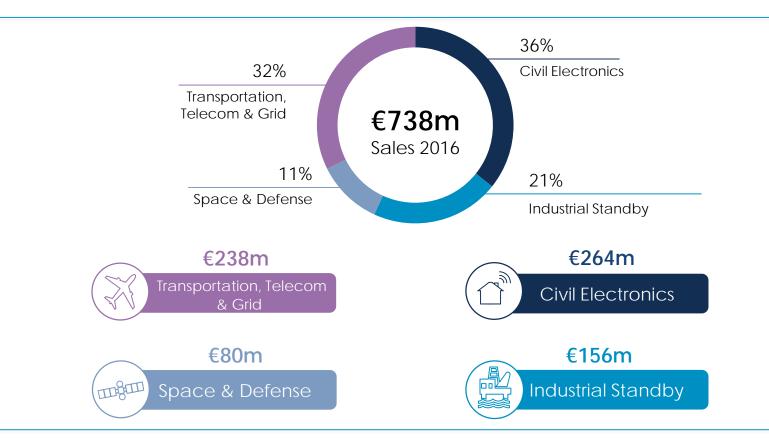
Global presence



Where we fit in Total



2016 sales by division



Saft Management Committee

| Ghislain Lescuyer CEO | |
|---------------------------------|--------------------------|
| Eric Tersen | Franck Cecchi |
| Chief Financial Officer | EVP , Industrial Standby |
| Kamen Nechev | Annie Sennet |
| Chief Technology Officer | EVP , Space & Defense |
| Pierre-Yves Tilly | Thomas J. Alcide |
| Group Human Resources | EVP, Transportation, |
| Officer | Telecom & Grid |
| Igal Carmi | Glen Bowling |
| EVP, Civil Electronics | Sr. VP Sales & Marketing |
| Jean-Baptiste Pernot | Elma Peters |
| VP Transformation & | Global Director of |
| Operational Excellence | Communications |



Civil Electronics Igal Carmi, Executive VP

Manufacturing sites:

- Büdingen, Germany
- Kiryat Ekron, Israel
- Poitiers, France
- Raškovice, Czech Republic
- South Shields, UK
- Valdese, USA
- Zhuhai, China





Market overview: Civil Electronics



Main applications Smart metering Electronic Toll Collection (ETC) E-call Asset tracking Internet of Things (IoT) Medical devices

- Portable military
- Oil drilling

Main technologies

- Primary lithium batteries
- Lithium-ion batteries

Our batteries for Civil Electronics

Powering smart meters in China

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2016 highlight for Civil Electronics



€100M Metering sales in 2016



Industrial Standby Franck Cecchi, Executive

Franck Cecchi, Executive VP

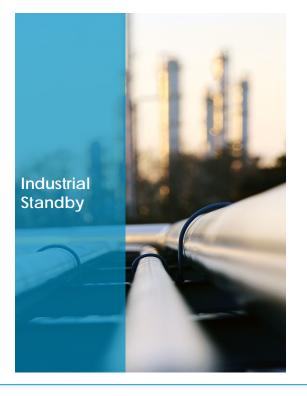
Manufacturing sites:

- Bangalore, India
- Bordeaux, France
- Oskarshamn, Sweden
- Raškovice, Czech Republic



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Market overview: Industrial Standby



Main applications

- Emergency back-up power, starting power and cycling applications in the oil and gas industry
- Power generation and distribution
- Railway signaling systems

Main technologies

- Nickel-based batteries
- Lithium-ion batteries

Our batteries for Industrial Standby

Delivering <u>back-up power</u> for E.ON's remote North Sea offshore <u>wind farm</u>

2016 highlight for Industrial Standby

<u>144,000 cells</u> for backup power for <u>Doha metro</u> – largest ISD contract

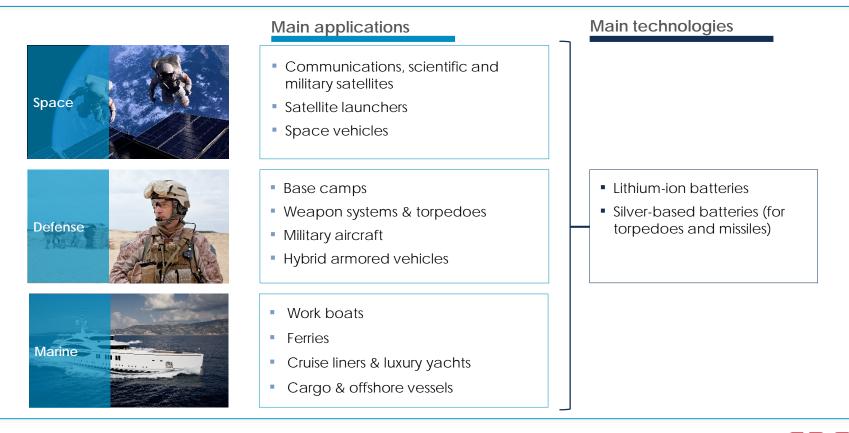
Space & Defense Annie Sennet, Executive VP

Manufacturing sites:

- Cockeysville, USA Poitiers, France



Market overview: Space & Defense



Our batteries for Space & Defense

Powering the ExoMars Rover that searches for life on the red planet

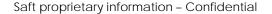


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2016 highlight for Space & Defense

259 35

2,767 X6T batteries for General Dynamics





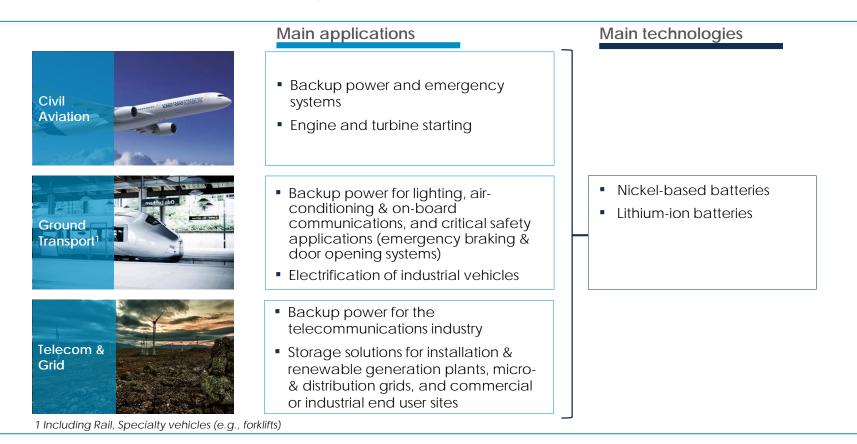
Transportation, Telecom & Grid Tom Alcide, Executive VP

Manufacturing sites:

- Bordeaux, France
- Jacksonville, USA
- Nersac, France
- Valdosta, USA



Market overview: Transportation, Telecom & Grid





Our batteries for Transportation, Telecom & Grid

Enabling <u>renewable energy</u> in Puerto Rico



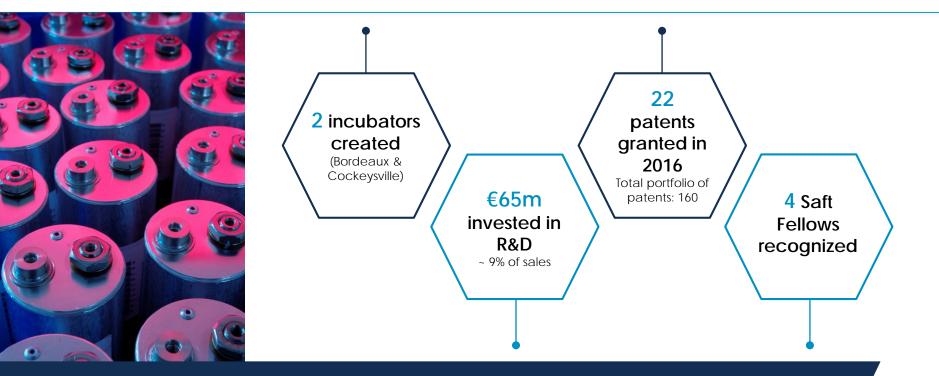


2016 highlight for Transportation, Telecom & Grid

€15.5M largest TTG rail contract



Research and Development excellence



Continuous innovation for superior products and technology

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Operational excellence: Four pillars to build performance



Safety culture

- Global plan and commitment toward zero accidents
- Safety culture is the basis for our strong quality and efficiency

Industry 4.0

In 2016, launch of a very

Transformation Program

Enhanced automation, data management, collaborative

portals, on-line diagnostics...

covering all activities

ambitious Digital

Lean

- Since 2004, 'Saft World Class
 Program' has deployed the highest lean standards in all plants
- TPM, pull flows, autonomous teams, lean supply chain, lean engineering...

Collaboration

- One Saft worldwide team sharing information in real time + dedicated communities on specific areas of expertise
- To be extended toward external partners (clients, suppliers, R&D...)



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Sustainable development



Clean energy

- Our batteries are zero
 CO₂ energy storage
 devices
- Li-ion technology allows innovative and sustainable energy related services

Sustainable design

- Advanced batteries tailored to customer needs increase our customers' energy efficiency
- Our battery designs incorporate recycling constraints without compromising performance

Circular economy

- Recycling of used nickel based batteries through our take back network
- Over 75% of materials are extracted to be reused by industry

Manufacturing



- Saft is committed to minimizing all impacts from manufacturing operations
- Saft policy is to exceed compliance with national laws and regulations governing environmental protection

Learn more about Saft







