

Meeting tomorrow's needs today

High-performing, sustainable solutions
for beverage, food, home and personal care

Welcome to our family



35,557 employees, €13,200 million in sales



4,724 employees
€1,100 million in sales

Complete systems
for milk production



25,309 employees
€10,800 million in sales

Liquid food processing
and carton packaging

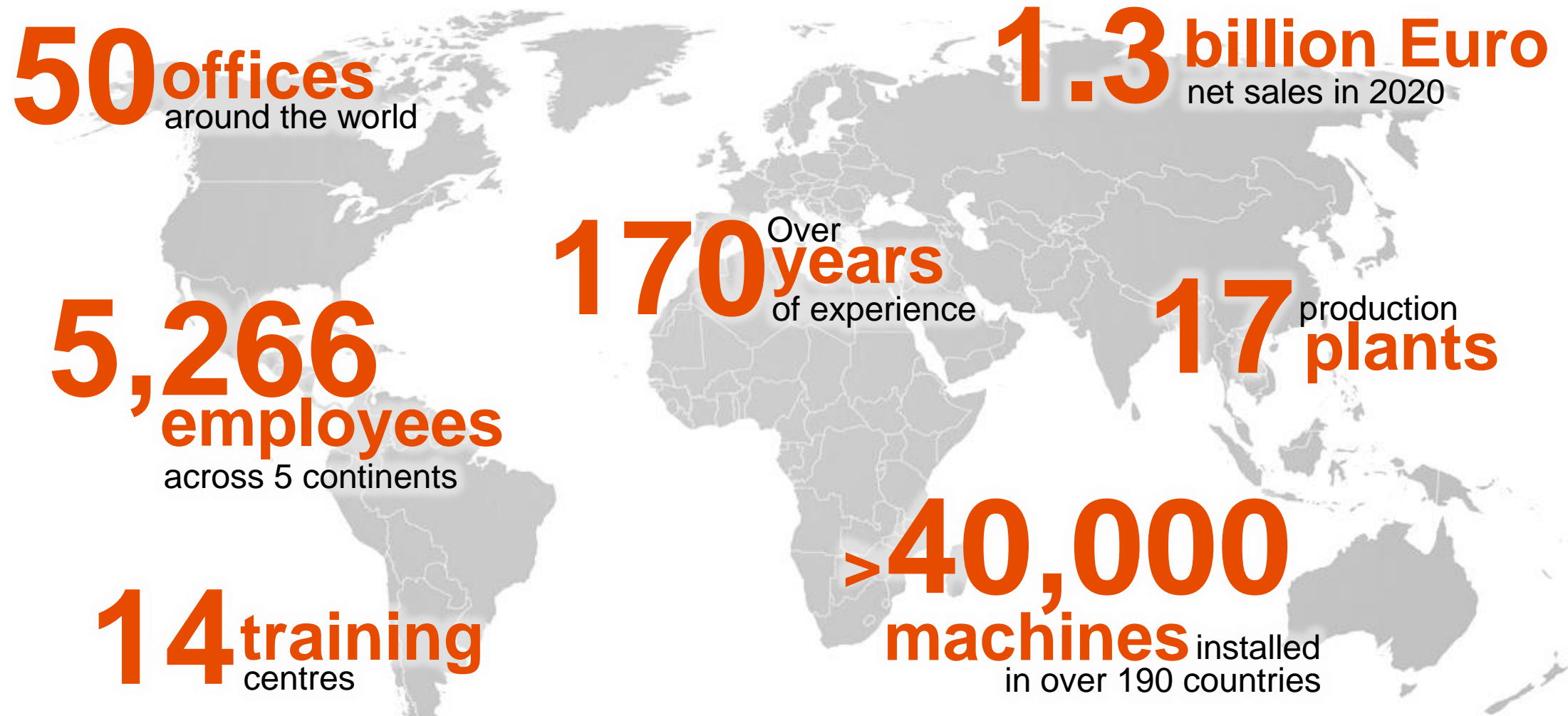


5,266 employees
€1,300 million in sales

Packaging solutions for
beverage, food, home and
personal care

Total Tetra Laval employees also includes 258 other employees (source: Tetra Laval Annual Report 2020/2021)

Sidel in short



Many markets, one partner



- **SELLING:** PET, can, glass, and other packaging material solutions
- **TO:** Non-alcoholic beverage customers (water, carbonated soft drinks, liquid dairy products, juices, nectars, isotonic, soft drinks and teas);
Alcoholic beverage and FHPC customers (beer, wine and spirits, as well as food, home and personal care products)
- **EXPERT IN:** Blowing, filling and labelling, packaging design, material-handling, case packing, shrink-wrapping, end-of-line palletizing and line-engineering solutions for multiple applications

Over 170 years of success dating back to 1850

Experience for



Understanding a changing world



Global trends

- By 2050, demand for food, water and energy will double
- By 2050, global population will increase by 20%
- By 2050, 70% of the population will live in cities
- Resource scarcity will lead to increased regulation

Drinking habits are evolving

A woman with long blonde hair is shown in profile, drinking from a clear plastic bottle. She has her eyes closed and a slight smile, indicating she is enjoying the drink. The background is a soft, out-of-focus light blue.

End-consumer trends

- Increased attention to beverage content and nutritional value
- Willingness to pay premium for trusted and responsible brands
- Demand for convenience and authenticity
- Sustainability and recyclability prioritised across supply chains

Industry 4.0 to optimize people, processes and equipment

Global smarter manufacturing

- Be more connected, flexible and responsive
- Automation and data exchange in manufacturing technologies and processes
- Smart factory: increasing use of automation, cyber-physical equipment and computerised systems for the acquisition and processing of data

A changing industry and changing customer needs

Industry changes

- Shifting demographics, urbanisation, globalisation, digitalisation, new technologies and regulations all affect the beverage industry
- Producers need strong, consistent performance
- Flexibility and agility are needed to match new drinking habits
- Minimal environmental impact are essential – as is optimised TCO

Superior performance at every level

Innovative design expertise

Whether you are launching a new product or redesigning an existing bottle, we apply our expertise every step of the way – from the initial distinctive and appealing design to qualifying packaging performance in order to:

- Communicate your brand identity
- Ensure product integrity and great consumer experience
- Improve line efficiency and uptime
- Ensure a cost-effective and sustainable production
- Offer a fast time to market



High efficient solutions for all needs



Blowing

- 50 years' experience in blow-moulding
- Multiple blowing configurations to specifically fit every production need
- Tailored solutions for diverse shapes and formats
- Fast changeover time for optimised uptime
- Lowest environmental footprint with reduced energy and material consumption with unprecedented lightweighting potential
- The best total cost of ownership (TCO) possible



Dry preform decontamination

- Unique, proven dry preform decontamination
- Safe and simple aseptic PET packaging, for high and low acid products in PET bottles from 200ml to 3L
- No water, almost no chemicals, huge lightweighting potential
- Total flexibility with maximum uptime
- Food Drug Administration (FDA) approval since 2017



Filling

- +85 years' experience in filling
- High-precision/efficiency
- Smooth, gentle bottle handling during filling
- Cold, hot, aseptic filling for cold-chain and ambient distribution

High efficient solutions for all needs



Labelling

- +40 years' experience in labelling
- Roll-fed, sleeve, pressure-sensitive or pre-cut labels
- Various label materials and types on modular machines
- Suitable for variety of containers and products



Combi

- Integrated systems for preform-feeding, blowing, labelling, filling, capping and cap-feeding
- Enhanced food safety
- Optimised line layout with a more compact and ergonomic footprint
- Significant lightweighting PET bottle opportunities
- Improved production efficiency
- Lower operating costs



Feeding and conveying

- Preform/empty container conveying
- Cap/crown feeders
- Container conveyors and accumulation systems
- Distribution, laning and combining
- Conveying modules for packs, cases, crates and pallets
- Bottle dryers



Container and product treatment

- Crate and bottle washers
- Pasteurisers, tilters, coolers and warmers
- Preserved product quality combined with unsurpassed water and energy savings

High efficient solutions for all needs



Shrink-Wrapping

- Reliable solutions delivering high-quality shrink-wrapped packs
- Robustness and maintainability at minimum cost
- High operability and flexibility, with a large primary and secondary packaging capability
- Full set of Eco-saving solutions to reduce energy consumption, carbon footprint and costs



Case Packing

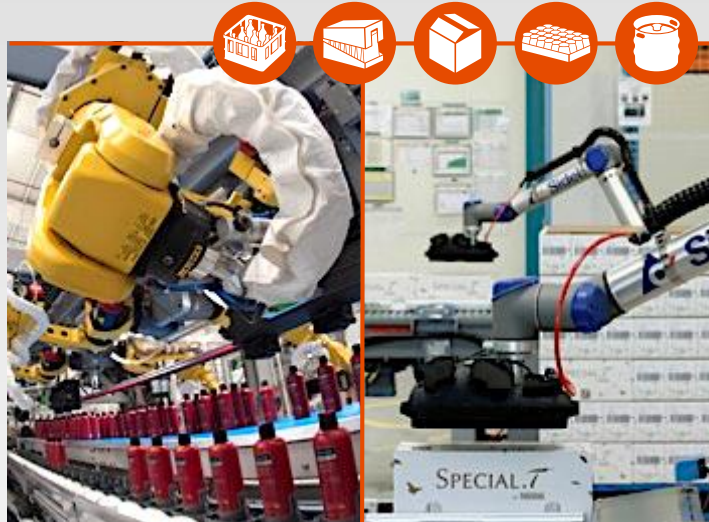
- More than 45 years of experience in case packing
- Wide range of solutions and technologies:
 - Bottom/Side/Top loading/Pick & Place
 - American cases / Trays / Wrap Around
 - Traditional / Robotic
- Numerous infeed systems perfectly adapted to the shape, resistance and behaviour of the primary packaging



Crating & Decrating

- Craters for one-way containers
- Decraters for gentle handling of returnable bottles
- Sturdy columnar craters and decraters
- High-performance multifunctional robotic solutions
- High-speed, low-maintenance equipment offering the smoothest possible changeovers.

High efficient solutions for all needs



Robotics & Cobotics

- Extensive expertise applied to product flow management, product handling, case packing and palletizing
- Wide range covering all needs in terms of speed and payload
- Strong gripping expertise and full coverage of payload requirements
- Leader in the implementation of collaborative robotics (cobotics) enabling 100% interactive human/machine relationships.



Palletising & Depalletising

- Limitless portfolio of Palletizers/Depalletizers for low, medium and high speed
- Over 5,000 installations worldwide
- All versions of infeed systems: low or high-level, robotic layer-preparation systems,...
- All technologies: Cartesian, layer-by-layer, columnar, robotic
- Integration of peripheral functionalities such as labelling, empty/full pallet management and pallet wrapping



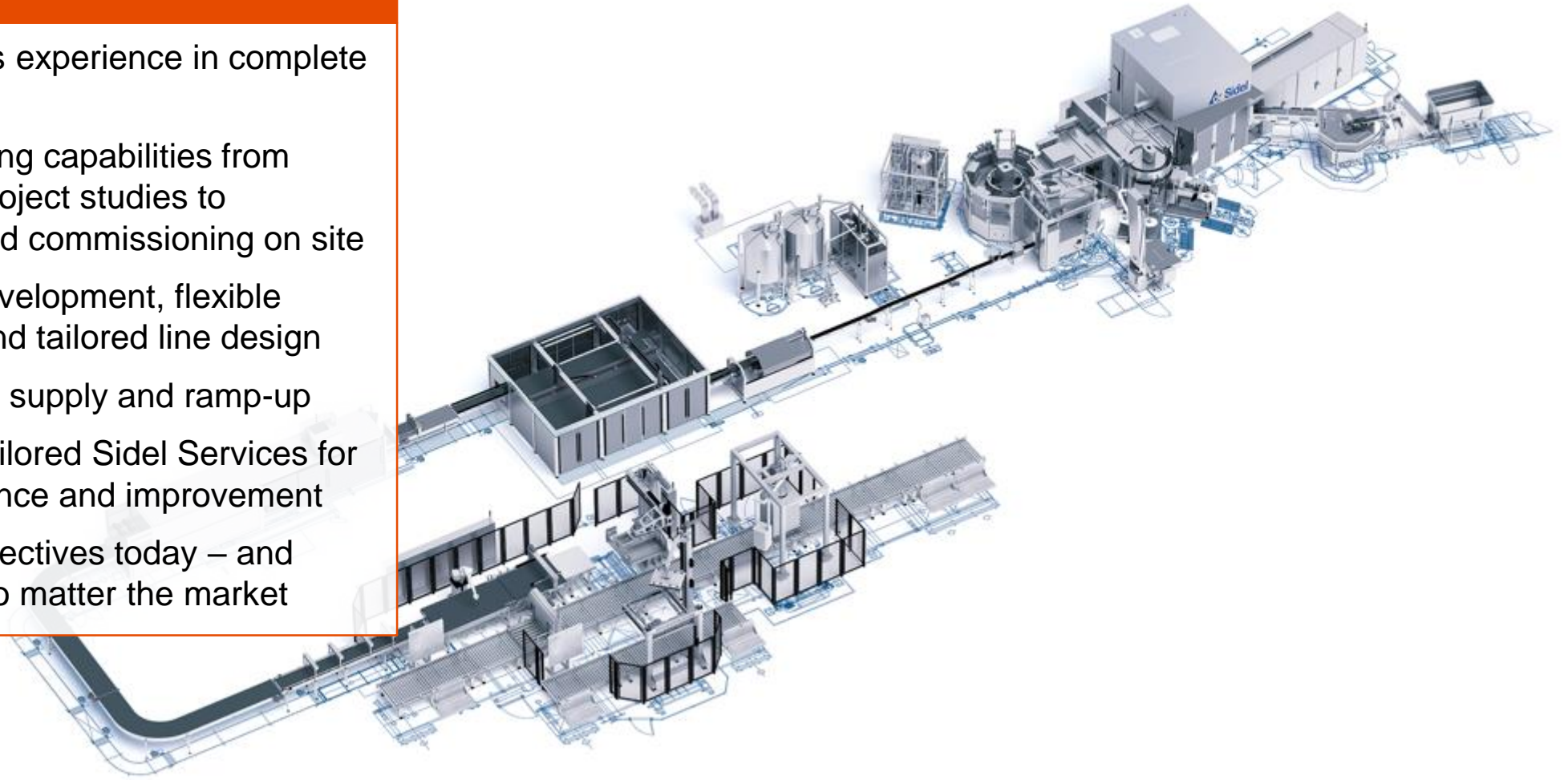
Intralogistics

- Complete range of AGV/LGV solutions for each and every layout, dimension and load, to connect with the supply chain:
 - Motorized conveyor,
 - counterbalanced,
 - fork-over-legs
- Integration of traceability, supervision and production order management functionalities
- Holistic End-of-Line approach

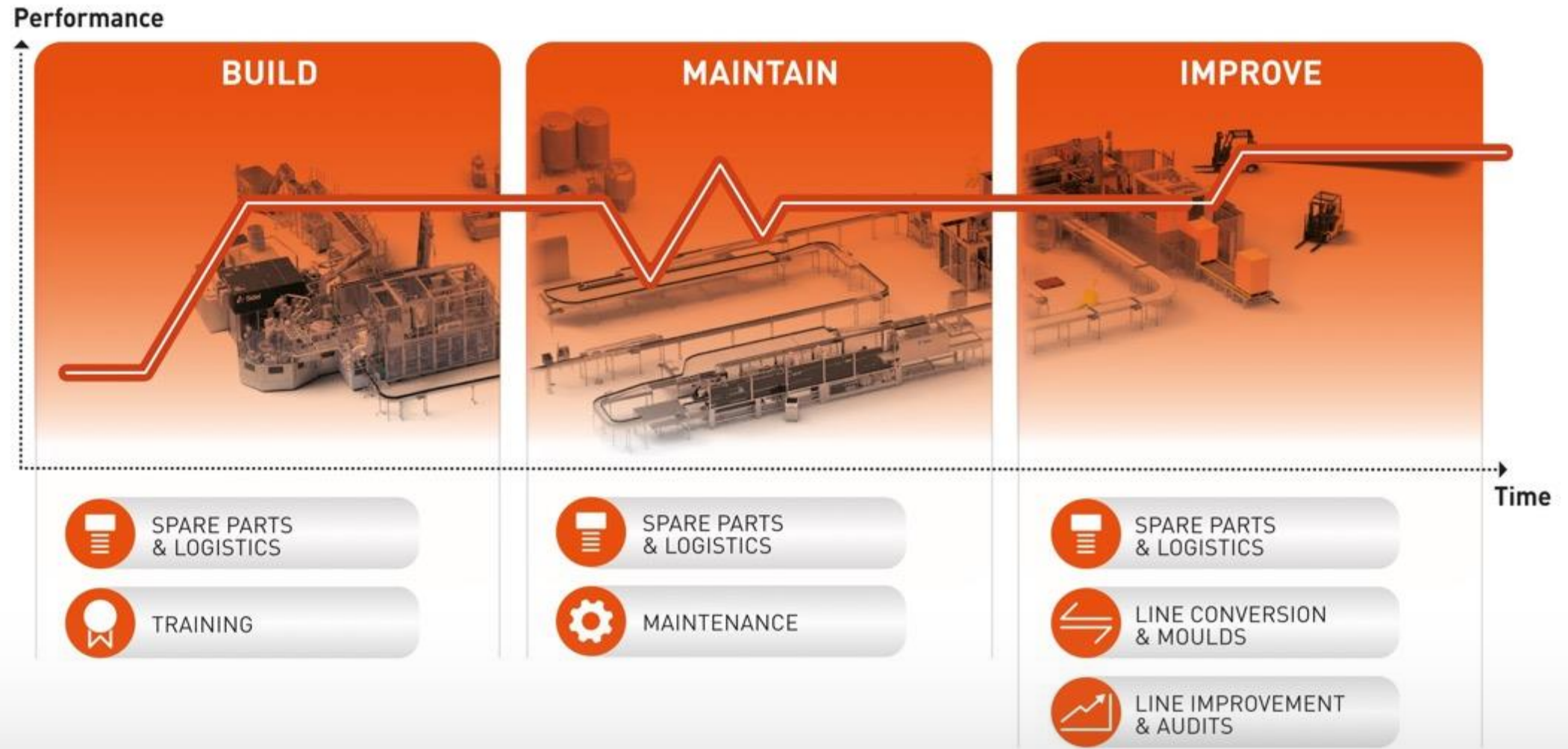
A one-stop shop for all your needs

Complete Lines

- Over 40 years experience in complete lines
- Full engineering capabilities from preliminary project studies to installation and commissioning on site
- Packaging development, flexible equipment, and tailored line design
- Efficiency line supply and ramp-up
- Smart data-tailored Sidel Services for line maintenance and improvement
- Meet your objectives today – and tomorrow – no matter the market



Services that ensure performance over time



Services facts and figures

550+ training courses

6,000+ people trained every year

14 technical training centres

700+ options and upgrades available

1400+ options and upgrades installed every year

1,000,000 original spare parts manufactured annually

24,000+ moulds produced every year

100+ audits performed every year

+50% less downtime achieved with EIT™



Making Industry 4.0 opportunities a reality



VIRTUAL FACTORY

High-precision 3D scans, simulation-based modelling and VR tools for improved cost-control and decision-making



SMART FACTORY

Innovative robotic technologies and equipment intelligence for self-regulation and flexibility/efficiency



CONNECTED FACTORY

Efficiency improvement tools, data acquisition, line monitoring and remote assistance for high performance



SUSTAINABLE FACTORY

Smart energy management, materials, line energy simulation and 3D-printing for sustainability



EXTENDED FACTORY

“Dematerialised layout” approach with late customisation and automated guide-vehicle capabilities

Organisation sustainability (CSR)



ETHICS

While delivering on our goal - to create customer success our strong corporate governance focus ensures that all of our stakeholders are well protected.



A GREAT PLACE TO WORK

We recognise the diversity, development and well-being of our people as essential to both society and our success as a company.



HEALTH AND SAFETY

Good health, safety and a sustainable environment are essential for the development and success of our company and our people. We adhere to the seven Sidel safety principles in all our working environments worldwide, goal being ZERO work-related illnesses and accidents.



SITES ENVIRONMENT & COMMUNITY

We are committed to protecting the environment in everything we do. We are engaged in ISO 14001 certification program to cover all Sidel sites, while investing at all of our plants so that we can gradually implement initiatives allowing us to better manage natural resources.

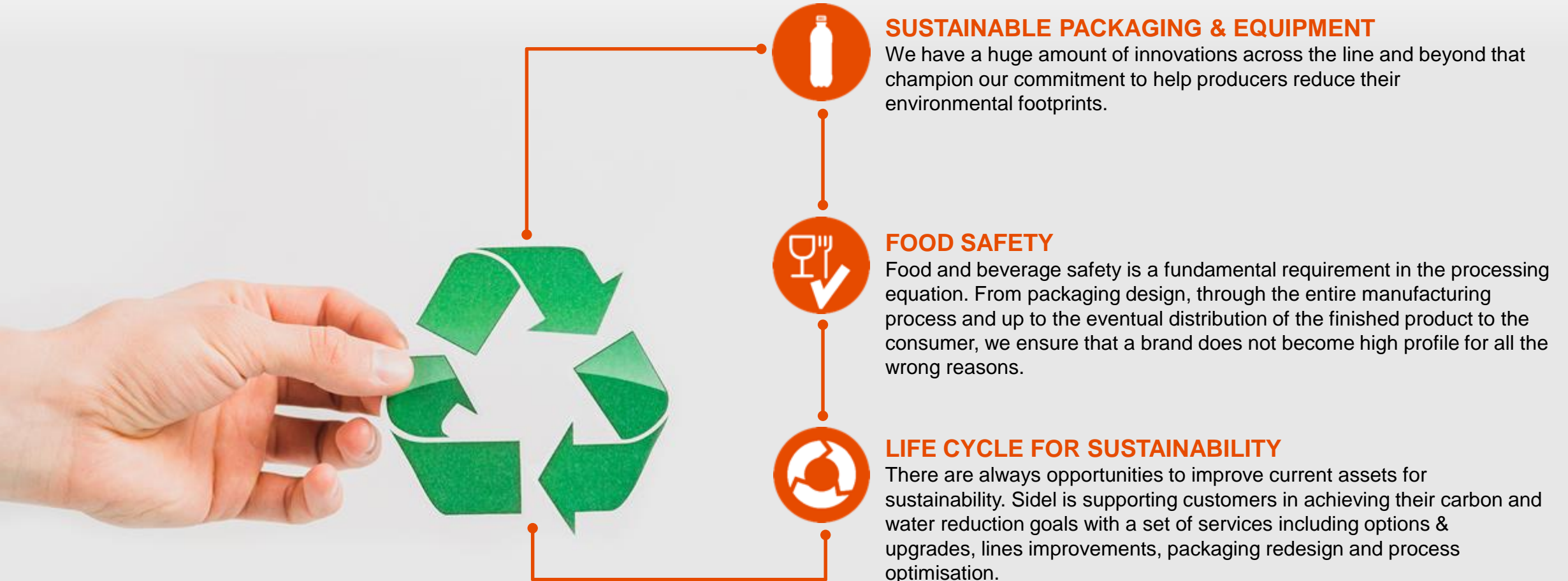


RESPONSIBLE SOURCING

We aim to create shared value together with our suppliers and external partners, via close collaboration and dialogue, with them implementing a common vision - based on the above mentioned pillars.



Sustainability from solutions design to implementation



Awards and Accolades



SIDEL'S BOOSTPRIME™

Sidel's **BoostPRIME™** wins the coveted 2019 Marking Prospective Award



VIRTUAL COMMISSIONING

Sidel received the official mark "Vitrine Industrie du Future", awarded by the Alliance Industrie Du Futur (AIF)



Sidel
Aseptic Combi Predis™
FDA approved



COBOACCESS™_PAL

awarded as the winner of the highly coveted Best Innovative Robotics Solution Award at the PPMA Industry Awards 2018

The perfect partner

Our promise

- Our goal is to deliver maximum quality to consumers
- Consumers expect performance that delivers reliability, predictability, flexibility and agility at a lower cost
- Delivering this level of performance requires an understanding of consumers, customers' products, supply chains and production needs
- The end result is a tailored solution that consistently provides optimised product packaging and enables business growth



Optimisation



Performance



TCO Reduction

Sidel is a leading provider of equipment and services solutions for packaging beverage, food, home and personal care products in PET, can, glass and other materials.

With over 40,000 machines installed in more than 190 countries, we have nearly 170 years of proven experience, with a strong focus on the factory of tomorrow with advanced systems, line engineering and innovation. Our 5,500+ employees worldwide are passionate about providing solutions that fulfil customer needs and boost the **performance** of their lines, products and businesses.

Delivering this level of performance requires that we stay flexible. We continuously ensure we **understand** our customers' changing challenges and commit to meeting their unique performance and sustainability goals. We do this through dialogue and by understanding the needs of their markets, production and value chains. In turn, we apply our solid technical knowledge and smart data analytics to ensure lifetime productivity reaches its full potential.

We call it **Performance through Understanding**.