

# **BIENNE**<sup>®</sup>

Your challenges, our mission

## **CORPORATE BROCHURE**



**BIESTE**<sup>®</sup>  
Your challenges, our mission





The BiesSse group, which has been operating on the global market for over **40 years**, specializes in the production and conversion of highly performing technical adhesive tapes.

The experience acquired during the years, the advanced proprietary know-how, combined with an on-going commitment in research and development, have enabled the BiesSse group to be active on many different markets through **two distinctive companies** operating in close synergy, i.e.:

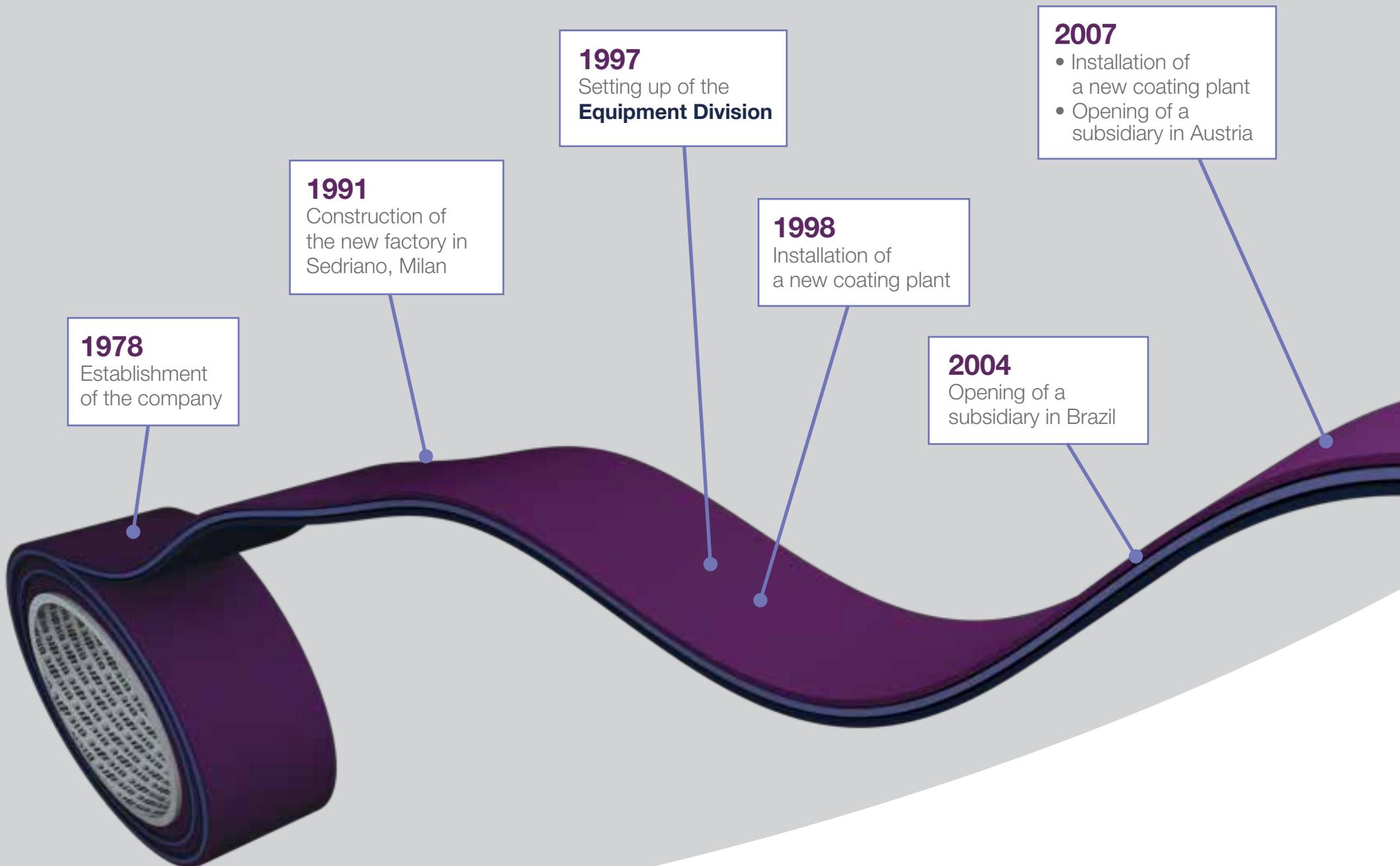
- **BiesSse Tape Solutions S.p.A.**  
dealing with the company core business
- **BiesSse Equipment Solutions S.r.l.**  
for the design and production of industrial equipment and related software.

The BiesSse mission is to develop **integrated solutions** by anticipating the more and more demanding future market requirements, and to innovate the most challenging industrial processes by supporting customers in their search for the most suitable solutions complying with their requirements.

The BiesSse Tape production plant (covering an area of over 11,000 sq.mt.) and the company's Equipment manufacturing unit (over 2,000 sq.mt.) are equipped with modern and advanced installations, in line with Lean practices.

The BiesSse group, with Headquarters in Sedriano, Milan (Italy), operates worldwide through its subsidiaries in Austria, Brazil, China, Singapore and Mexico, availing itself of a professional and strongly committed local workforce. The **direct presence on the ground** makes it possible to quickly and efficiently respond to customers' demands and to ensure on-going assistance and support.

Since its onset, BiesSse has established itself as a **people-oriented enterprise**. People are at the centre of the company's daily activities and their personal satisfaction and enhancement are the main objective. The BiesSse team consists of experienced, creative and passionate people able to create added value for the customers force. Enthusiasm, generative approach and sharing are just few of these values on which our work is based.



**1978**

Establishment of the company

**1991**

Construction of the new factory in Sedriano, Milan

**1997**

Setting up of the **Equipment Division**

**1998**

Installation of a new coating plant

**2004**

Opening of a subsidiary in Brazil

**2007**

- Installation of a new coating plant
- Opening of a subsidiary in Austria

**2010**  
Opening of a subsidiary  
in Singapore

**2011**  
Opening of a subsidiary  
in China

**2015**  
Opening of a converting plant  
in China

**2016**  
Opening of a subsidiary  
in Mexico

**2010**  
Launch of the widest range of  
flexographic adhesive tapes  
available on the market

**BIEFFE**  
**BS MOUNT**

**2011**  
Development of the PRT  
(Pressure Roller Trolley)

**BIEFFE**  
**PRT**  
PRESSURE ROLLER TROLLEY

**2015**  
Official presentation of the TPMM  
(Tape and Plate Mounting Machine)

**BIEFFE**  
**TPMM**  
TAPE AND PLATE MOUNTING MACHINE

In order to be competitive and successful  
an enterprise must have a clear and well defined business strategy.

The BiesSse philosophy is to face the **most demanding challenges** presented by the market, which are often ignored by other players, by developing **unconventional solutions**. Our approach is a proactive one and our objective is to be **market drivers** able to upgrade the most advanced industrial processes.

The BiesSse mission is a daily commitment towards **standing by its customers**, constantly supporting them and trying to find suitable solutions to meet their requirements.

The core values and essence of our mission are represented in the BiesSse brand. The company logo is meant to communicate **Innovation**, **Technology** and **Integration** of multiple solutions through the colour shades, modern lines and **the large central “S”**, representing the close link among BiesSse’s three operating divisions.

The new payoff sums up the company mission in a direct and clear way, outlining what it is that makes BiesSse stand out from its competitors.



## Three integrated divisions

BiesSse proposal, based on an **in-depth and thorough analysis** of the customer production process, develops along three areas of activity:

- Finished products and raw materials
- Equipment and technologies
  - Management and supervision software.

Over the years BiesSse has established three separate operating divisions closely linked and complementary to each other in order to be able to provide industrial customers with **integrated solutions**.

Our business units are specialized in the design, development and production of double sided adhesive tapes, related equipment and software.



## **Tape** solutions

Highly performing technical adhesive tapes for the most challenging industrial applications



## **Equipment** solutions

Cutting-edge proprietary equipment for adhesive tapes applications



## **Software** solutions

Multiplatform, user-friendly software supporting industrial automation





## Tape Division

The Tapes Division **designs and produces** highly performing adhesive tapes for the most challenging industrial applications on the global market.

A team of highly skilled chemists is continuously working on the development of ranges of performing products with **different degrees of adhesion** (removable, repositionable, semi-permanent, permanent and ultra-permanent tapes), **cohesion** (Low, Medium and High) and **wettability** (Wet and Dry).

The high technical expertise of our R&D team, alongside the wide range of supports, liners and adhesives used, enables BiesSse to provide **customized solutions** according to the customers' specific requirements as well as **assistance** during the design, development, testing and implementation processes.

BiesSse Equipment Division engineers have designed and developed the company's coating installations, which are capable of conducting the coating process based on solvents, emulsions and hot melt technologies by using the best range of adhesives available on the market (natural and synthetic rubber, pure and modified acrylics, silicone).

The wide knowledge of the raw materials and of the latest manufacturing technologies has enabled BiesSse to produce **highly performing products** for the most advanced technological and innovative industries.

BiesSse production is currently addressed mainly to the following sectors:

- **Printing:** The wide range of BiesSse double-sided adhesive tapes, especially designed for the printing industry, covers all the most important fields of application, such as flexible packaging, labels, pre-print and post-print cardboard.
- **Industry:** The range of adhesive tapes for industrial applications has been designed to meet the requirements of the most challenging and innovative markets, such as solar energy, fashion and insulation.
- **Automotive:** The BiesSse adhesive tapes for the automotive industry, which have been designed for a wide range of functional applications as well as for interior and exterior decorations, meet the requirements of car manufacturers and their suppliers in the original equipment (OEM) and aftermarket field.



## Equipment Division

The experience acquired over the years by the Tape Division has enabled BiesSse to achieve an in-depth knowledge of the routine and of the most complex critical issues regarding the activity and maintenance of industrial plants.

Our Equipment Division designs and develops **unconventional solutions** capable of solving the most challenging industrial issues through an innovative technical approach while complying with the basic principles of the Lean philosophy.

In the design of its equipment, BiesSse always puts **technology at man's service**, aiming at full integration with the customer's production systems and ensuring operators' safety in compliance with current European regulations.

All development phases are conducted **in-house**: mechanical, software, electrical and pneumatic design, construction in our workshop, which is equipped with CNC (Computer Numerical Control), lathes and grinding machines, assembling and final testing.

The distinctive skills of BiesSse technicians and engineers cover different areas, such as design, drafting and editing of user's and maintenance manuals and the layout analysis of the electrical and pneumatic systems.

BiesSse solutions are addressed to different industrial application, such as:

- **Production and converting of adhesive tapes**
- **Adhesive tape application**
- **Flexo printing**

The BiesSse solutions for the flexo printing industry are especially designed to respond to the critical issues of the pre-mounting process. Plate lifting and air bubbles are completely eliminated by using the BiesSse solutions, and especially the **TPMM** equipment (Tape and Plate Mounting Machine), the first compact and fully automated machine capable of measuring the sleeve profile and applying the adhesive tape and the plate, substantially improving the pre-press process.



Your challenges, our mission



```
var spannode = document.createElement("span");  
spannode.className = 'highlight';  
var middlebit = node.splitText(pos);  
var endbit = middlebit.splitText(matchLength);  
var middleclone = middlebit.cloneNode(true);
```

## Software Division

The know-how acquired during the years by BiesSse is the basis of the design and the development of **advanced software** that improves the technological value of the machinery produced by our Equipment Division.

The solutions developed by our Software Division are designed for companies and operators using the most modern programming languages and innovative and proprietary systems. This is possible thanks to **user-friendly interfaces** which allow quick and intuitive access to all necessary information and facilitate users' self-training, thus optimizing production times.

The BiesSse range of software products includes:

- **Supervision systems** featuring synoptic charts and multi-tab panels for a better and easier management of the commands and of operations.
- **PLC (Programmable Logic Controller)** integrated in all supervision systems, providing overall plant automation.
- **Enterprise Resource Planning** for integrated management of all corporate processes.

All solutions are fully customizable to meet the most complex requirements, and can be installed directly in the machinery built by our Equipment Division, or integrated in the customer's equipment.



## **On-going innovation and challenging solutions**

Innovation is a key word for the growth of a company that is committed to supply new solutions in an ever-changing market. Thanks to our steady investment strategy in research and development, BiesSse is capable of improving, innovating and revolutionizing the most challenging industrial processes, making them highly efficient and effective. BiesSse's proposal is based on a complete integration among our solutions (adhesive tapes, equipment and software) designed to improve our customers' industrial processes.



## **Technical expertise and cutting-edge technologies**

The whole range of BiesSse products features a high-tech content, based on our company's advanced proprietary know-how. The in-depth knowledge of industrial applications and of the major issues related to the use of adhesive tapes, enables BiesSse to design, develop and manufacture technologically advanced industrial solutions ensuring high performance, maximum safety and efficiency in all production processes.



## Customized solutions

What is most important in designing new solutions is to know exactly the customer's requirements and the specific type of production process involved. The BiesSse team is highly flexible in dealing with customers' requirements and tries to find the most suitable solutions that fully satisfy their request and anticipate possible future needs.



## User-friendly technology

BiesSse solutions are designed to be user-friendly and to optimize users' production time. Our philosophy is to put technology at man's service, so that operators are not bound by technological constraints. The correct separation of the machine gear from the working areas makes it easier to operate and maintain our technically advanced installations.

## Research and Development

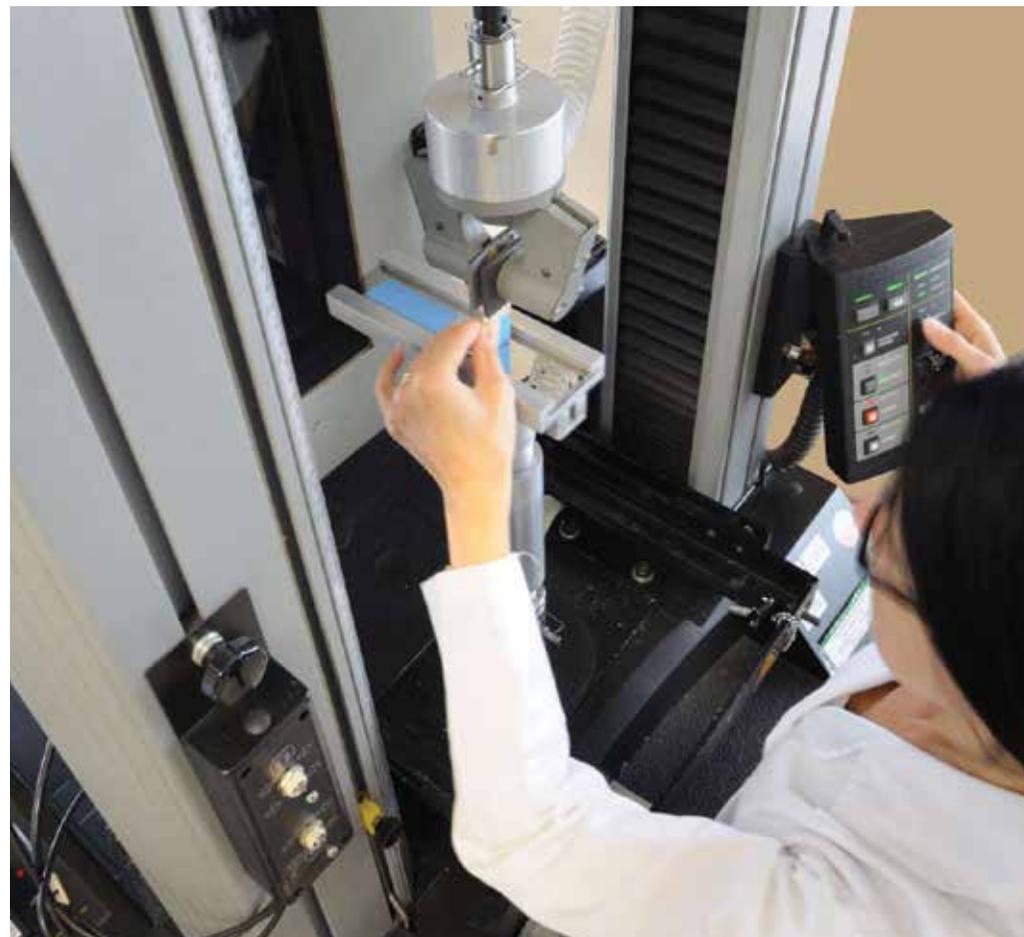
Its **continuous investments** in R&D have enabled the BiesSse group to develop a wide range of innovative solutions in line with the latest technologies available on the market.

Our team of chemists and technicians work daily on the design and development of new solutions for the most challenging applications, in order to offer our customers the best possible products and to **anticipate the requirements** of an increasingly demanding market.

We have recently reorganized our Technical Department and now we have two sectors: a **Quality Control lab** (150 sq.mt.) and an **R&D lab** (150 sq.mt.).

Our investments in **cutting-edge equipment** enable our analysts to work more efficiently and to develop more effective solutions. The latest additions to our QC and R&D labs are an additional dynamometer, Shear test equipment, an electronic microscope, a climate chamber, a pilot coater and a rheometer. Further investments are foreseen for the near future, i.e.: an FT-IR spectrometer and a Probe Tack adhesive testing machine.

As a further confirmation of our commitment towards innovation and product development, a new **Technological Centre** will be set up in our plant in the near future for the design and testing of newly developed adhesive tapes and related equipment, where the expertise of our technicians will be shared during special training courses.



## Quality system

One of BiesSse core values is Quality, seen as **on-going improvement** and as a guarantee of **performance consistency** in the long run. Quality is not only directly related to products but also to the management system, to the business processes, to human resources and to people's relationship.

It is a constantly evolving model based on the active involvement and contribution of each individual. Our Quality Management System is **ISO 9001:2015** certified, in line with current legislation.

Our objective is to keep on striving towards excellency, ensuring that **customers and partners satisfaction** is monitored on an on-going basis, and taking all the necessary actions to improve our performance.

The above activity is combined with the implementation of **health protection** and **safety measures** following an in-depth analysis of the possible risks and the implementation of an effective health plan.

BiesSse is also committed to **environment protection** by monitoring emissions and reducing water, noise and soil pollution.

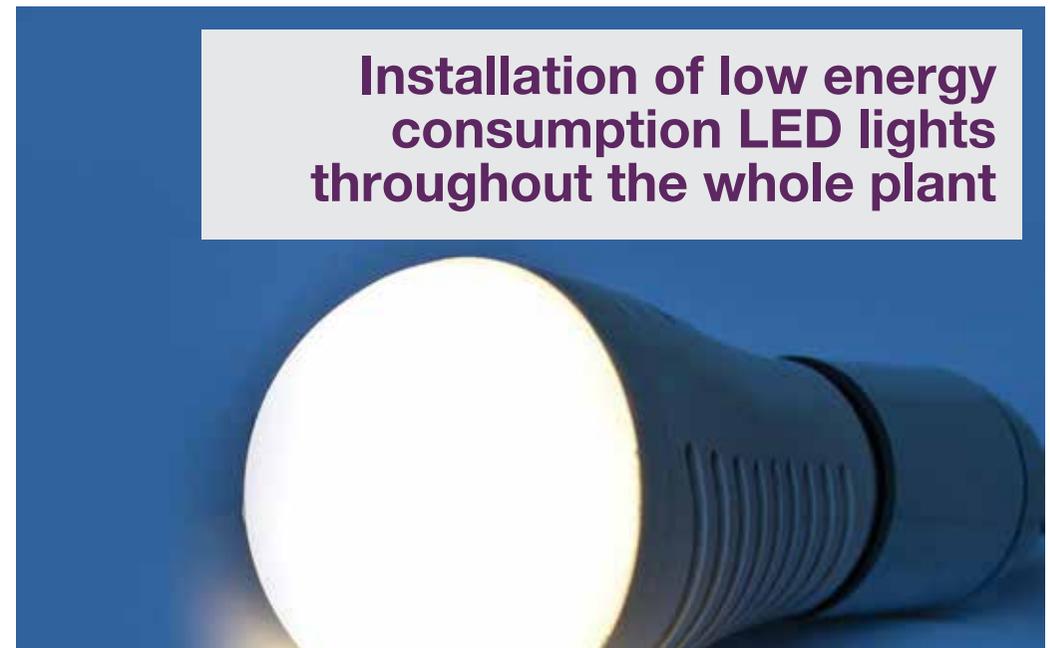
The main objective of the BiesSse Quality System is to comply with our customers' and partners' requirements and expectations.



## Environmental sustainability

The strive of the BiesSse group towards innovation runs alongside **environmental awareness**, through an on-going effort to improve the impact that the company activities may have.

In recent years, the energy consumption of our installations has been significantly reduced following a number of major investments focusing mainly on the **increased efficiency** of our plant.



**Ongoing monitoring of area and machine energy consumption through the installation of advanced measuring systems**



**12% recovery of energy needs by photovoltaic system**



**Post-combustion plant for solvent vapors abatement**



**Heat recovery through air-water and air-oil exchangers**





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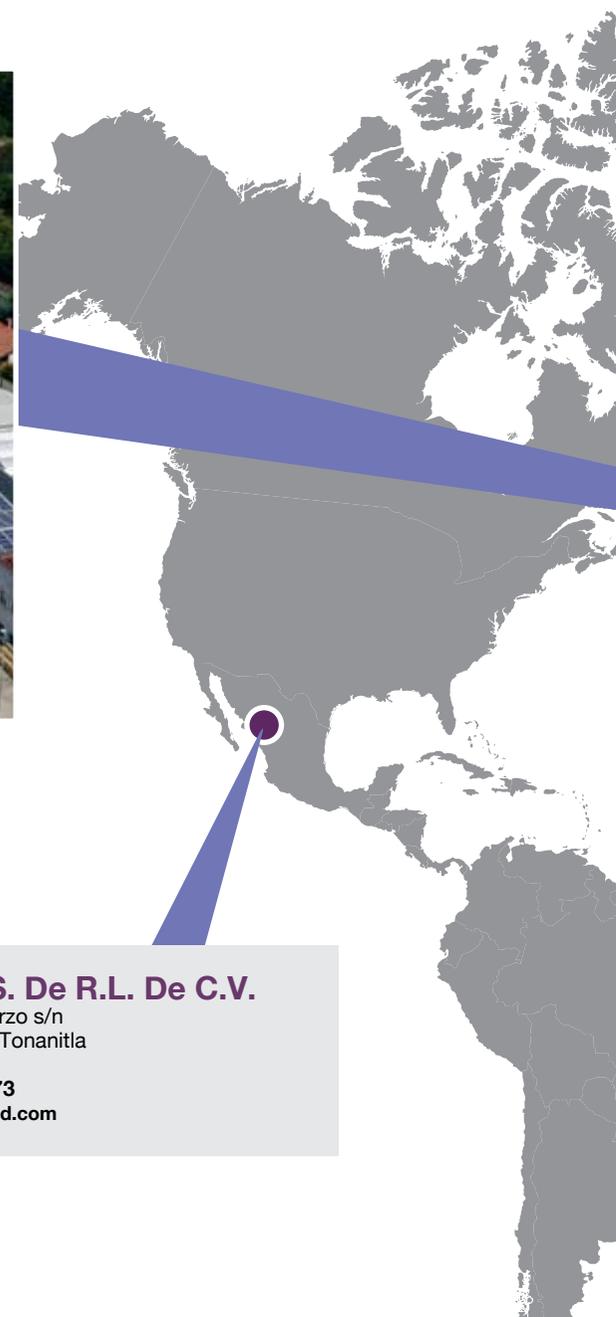


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Process innovation through:

## **Tape** solutions

Highly performing technical adhesive tapes  
for the most challenging industrial applications

## **Equipment** solutions

Cutting-edge proprietary equipment  
for adhesive tapes applications

## **Software** solutions

Multiplatform, user-friendly software  
supporting industrial automation



[www.biesSseworld.com](http://www.biesSseworld.com)