

Sustainable Newsletter



thyssenkrupp



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Prologue

Text & photos by tkMPE | El Puig

Dear readers,

Welcome to the third edition of our sustainability newsletter! We are excited to share with all of you—colleagues, clients, suppliers, and partners—our latest advancements in sustainability and ESG. Our commitment to socially responsible investment continues to strengthen, and we are proud to showcase the progress we have made.

Since the previous edition, we have taken important steps towards more sustainable production. Process optimization and waste reduction have brought us closer to our goals. Additionally, more and more customers are joining our 'Recycling Services' program, collaborating in the reuse of pallets and separation woods, thus contributing to forest conservation.

On the other hand, we are moving forward with our reforestation plan. The third phase took place on November 8th. It was a very special day, during which, together with the authorities and residents of El Puig, we joined efforts once again to restore the life and vegetation to this natural environment that was lost after the 2015 plague. Thanks to everyone's involvement, we continue to fulfill our commitment to the environment and the community.

“We keep moving towards
climate neutrality”

We are proud to present new products that reflect our commitment to innovation and sustainability. They not only meet the highest quality standards but are also designed to minimize their environmental impact.

We have implemented specific programs for students, providing them with development and training opportunities within our company. We firmly believe that investing in young talent is key to ensuring a prosperous and sustainable future.

Finally, we are pleased to share that we have achieved excellent results in terms of absenteeism, safety, and occupational health. These achievements reflect our commitment to the well-being of our employees and the creation of a safe, healthy, and motivating work environment.



José Almonacid
CEO thyssenkrupp Materials Processing
El Puig



Environment - Social - Governance

Our sustainability strategy at thyssenkrupp Materials Services is guided by the internationally recognized ESG criteria (Environment, Social and Governance).

And our ambition is to go BEYOND what legislation and our stakeholders require of us.



Environment

We protect the irreplaceable.
By replacing the dispensable.



Social

We see ourselves as a responsible
member of global society.



Governance

We take responsibility by living
according to our convictions.

We remain committed to positively contributing to global society, establishing ourselves as the first choice for our customers, and firmly moving towards climate neutrality by 2030.

tkMPE El Puig



Environment

In a continuous effort to reduce our environmental impact, we have achieved a remarkable decrease in our CO₂ emissions. During the fiscal year 24/25, total CO₂ emissions were reduced by 8%.

This reduction is due to several key initiatives implemented by the company:

1. Electricity Consumption: Electricity usage remains stable.
2. Reduction in Fossil Fuel Use: The consumption of LPG is eliminated as all our forklifts are electric.
3. Improvement in Production Efficiency: Despite the reduction in energy consumption, production remained stable, which resulted in improved efficiency. The amount of CO₂ per ton produced was reduced from 1.51 kg to 1.39 kg.

These achievements reflect our commitment to sustainability and the reduction of our carbon footprint.

“We drive new actions to maintain the progress achieved and meet our sustainability goals”



Solar energy offers a sustainable alternative that reduces the use of fossil fuels and protects the environment.

tkMPE El Puig

Environment



Recycling and Sustainability

The project "tkMPE El Puig Recycling Service," initiated in 2021, has continued successfully, demonstrating constant growth and a strong commitment to sustainability. Over the past year, we have recycled a total of 124.58 tons of wood, which has allowed us to preserve 306 trees. This progress reflects the good disposition of our main clients and collaborators, who have actively joined our circular economy initiative.

“ We continue contributing to the preservation of trees by improving our ecological footprint ”

Thanks to the collaboration of our clients, we have managed to multiply the environmental benefits both for them and for our service center. We have succeeded in reducing waste, reusing materials, and increasing the number of trees preserved. Since January 2023, we have recycled a significant amount of wood, which has contributed to the reduction of our CO₂ emissions and reinforced our commitment to the environment.

To continue advancing in our commitment to sustainability, the second phase of our project has focused on the introduction of returnable plastic pallets. This new system uses RFID technology to manage and track the pallets, optimizing our logistics processes and further reducing our environmental impact.



The collaboration with our clients has been fundamental to achieving these results. We continue working together to make sustainable use of our resources and improve our ecological footprint.

tkMPE El Puig



New plastic pallet traceability project

The plastic pallet traceability project is now a reality, marking a new milestone in the company's sustainability efforts. Developed by ENTRESISTEMAS, this project aims to implement the use of returnable plastic pallets, aligning with the group's sustainability requirements.

To achieve this goal, a radio frequency identification (RFID) system has been implemented. This system includes an RFID antenna, two handheld RFID guns, and a Beckhoff IPC for signal management and data storage in a local MS SQL Server Express database. This setup allows for tracking the pallets that leave and return to the factory, recording information such as the date, time, weight, and customer associated with each pallet.

The RFID system is integrated into the production line, where an RFID reader on the conveyor after the scale reads the RFID tag of each pallet. Work is underway for operators to use handheld terminals with RFID readers to load and unload pallets from trucks, allowing them to consult the information of each pallet through a web interface. The local database stores all the information, accessible from an Excel sheet to facilitate consultation and analysis.

This past November, a total of 69 pallets were processed, a figure that demonstrates the good pace of implementation of the new traceability system.



We innovate with the plastic pallet traceability project for more efficient and sustainable logistics.

tkMPE El Puig

Environment



2024 Sustainability Award and 2025 Sustainability Award Nomination

In recognition of our commitment to sustainability and Beyond Clean innovation, in 2024 we were awarded the prestigious sustainability award for our "Climate Neutral" project. This project, initiated in 2020, has achieved significant advances in reducing energy consumption and CO₂ emissions, consolidating a responsible and sustainable management model.

The project was driven by Oliver Bensing (CEO), José Almonacid (CFO), Francisco Mayoral (COO), Daniel Giraldo (Maintenance), Tania Cuenca (IMS & Sustainability), Natalia Selma (Sales & Marketing), and Juan C. Armero (IT). Together, they implemented a series of measures that included the installation of solar panels, the replacement of LPG forklifts with electric ones, and the modernization of lighting to LED.



In 2025 we are presenting our candidacy again, this time in the category of social initiatives, with our project "Green & Caring," which reinforces our commitment to the environment and the community. We thus continue with our reforestation project of the Muntanya de la Patà and take advantage of this third edition to dedicate it to our elders, linking the cause with the donation of the money raised by the employees of tkMPE El Puig and Krefeld to help rebuild the Social Services Headquarters of Catarroja devastated by the DANA of October 2024.



With this award in 2024 and the nomination in 2025, we reaffirm our commitment to sustainability and continue working towards a cleaner and greener future.

tkMPE El Puig



Unlock shop floor potential

Sistema Toii

We have successfully implemented the TOII system, a universal IIoT (Industrial Internet of Things) platform designed to digitize and automate production. The TOII system offers a wide range of functionalities that address common production challenges, such as long setup times, time-intensive quality assurance processes, inflexible paper-based processes, and lack of transparency in the status of production jobs.

With TOII, we have achieved:

- **Digitization and Automation:** TOII enables the complete digitization of production processes, from machine shift planning to automated quality control.

Real-Time Transparency: The platform provides dashboards with real-time KPIs, integrating third-party systems like ERP and CAQ for a comprehensive view of performance.

- **Resource Optimization:** TOII helps reduce non-compliance costs, improve energy efficiency, and increase productivity by automating machine parameterization.

Since its implementation, TOII has proven to be an essential tool for improving process stability and increasing efficiency in our service center. This system not only optimizes production but also facilitates the management of quality incidents and product traceability throughout the entire process.



The implementation of the Toii system allows us to optimize production, improve energy efficiency, and reduce the carbon footprint.

tkMPE El Puig



Environment

ReforestAction

We continue to demonstrate our commitment to environmental sustainability through our ambitious reforestation project in La Montaña de la Patá. This project aims to plant 3,000 trees and shrubs, contributing to the reduction of approximately 16.25 tons of CO₂ per year.

The first phase of the project was carried out between October and November 2023, with the active participation of employees, volunteers, and an archaeologist to supervise the difficult-to-access areas. During this phase, species such as Ceratonia siliqua, Celtis australis, Olea silvestris, Chamaerops, Myrtus communis, and Pistacia lentisco were planted. The event culminated in a reforestation day on November 18, 2023, attended by colleagues, residents of El Puig, and local authorities.

The second phase of the project was developed on March 1, 2025, continuing with the planting of new species and the reintroduction of native flora. The collaboration of volunteers and employees was essential, and an archaeologist's presence was maintained to ensure the correct execution of the tasks.

The third phase took place on November 8th, where employees, volunteers, and residents of El Puig once again gathered for a new reforestation event. On this occasion, we wanted to pay tribute to the elderly people of the community. We were able to see firsthand that many of the trees and shrubs planted in previous editions had already started to sprout.

This project not only aims to restore the natural landscape of La Montaña de la Patá but also to strengthen the connection with the local community and promote biodiversity. The reforestation of this area, rich in history and emotional significance, represents an important step towards a healthier and more sustainable environment.



With this project, we aim not only to restore the natural landscape of Montaña de la Patá but also to strengthen the connection with the local community.

Social



We care Challenge 2025

In an effort to improve health and safety in the workplace, the We Care Challenge was launched, a global initiative organized by thyssenkrupp MPE aimed at promoting healthy habits and strengthening unity among employees. This 28-day program took place from April 28 to May 28, involving daily wellness activities where teams worked together to achieve specific company goals, which were displayed on an interactive board.

During this month, employees formed teams and earned points through the Teamfit app by participating in activities such as walks, relaxation exercises, and soda-free days. The group led by El Puig stood out for their enthusiasm and commitment. The five teams with the most points won €300 for a team event, thus fostering cohesion and well-being in the workplace.

The We Care Challenge not only promotes employees' physical and mental health but also creates a safer and more collaborative work environment. By participating in wellness activities, employees develop better health practices, which helps reduce the risk of work-related illnesses and injuries. Additionally, the initiative fosters team cohesion, improving communication and mutual support among coworkers.

This challenge has been implemented in various companies around the world, proving to be an effective tool for enhancing employees' quality of life and creating a safer and healthier workplace.

“**Encouraging these habits improves the quality of life and strengthens workplace cohesion**”



We are firmly committed to the health and safety of our employees.

tkMPE El Puig



Health Day 2025

On November 27th, we celebrated Health Day at our offices, and we wanted to do it in a special way: by offering fresh oranges to all our employees. This fruit, a symbol of our land, is rich in vitamin C, antioxidants, and fiber, helping to strengthen the immune system and keep us full of energy.

Additionally, in the days leading up to Health Day, we invited our colleagues to share their favorite healthy recipes. The response was incredible! Thanks to all those contributions, we created a comprehensive Healthy Recipe Book that you can now easily download.

You just need to scan the QR code on this page to access proposals that will help you take care of yourself without giving up flavor.

You will find a varied selection that includes light appetizers, main courses with meat and fish, and desserts inspired by the Mediterranean diet, designed to maintain a balanced and delicious diet.



“Promoting health within the team is key to growing together as an organization”

«Vitamins, ideas, and collaboration» would be a way to summarize our Health Day 2025.

tkMPE El Puig

Social



Sales Day

The Sales Day has established itself as a key event for tkMPE El Puig, bringing together the Sales, Purchasing, Quality, SCM, and Management teams with a common goal: to review results, plan strategies, and strengthen interdepartmental collaboration. The most recent editions, held in May and October 2025, offered a unique opportunity to align objectives and prepare for the next fiscal year.

During the session on October 15th, participants shared experiences, data, and perspectives that provided a comprehensive view of the market and identified new growth opportunities. The day included practical workshops on sales, digital tools, and collaborative work, fostering innovation and continuous improvement.

The atmosphere was dynamic and participative, with open debates and concrete proposals to optimize processes and results. At the end, strategic actions were defined that the teams began to implement immediately, reflecting the commitment to excellence and transparency that characterizes the company.

The Sales Day continues to be an example of teamwork and shared vision, propelling tkMPE towards new challenges and successes in the next fiscal year.

“Sales Day is a reflection of the commitment to continuous collaboration and innovation”

These events are fundamental for aligning all teams with the company's objectives and ensuring a cohesive and strategic approach for the future.

tkMPE El Puig

Governance



Compliance Course

On March 26th, the tk Plastics facilities in Massalfassar were the setting for an important compliance course, where crucial topics on antitrust legislation were addressed. The event had 100% participation from the summoned workers, some of whom attended via Teams due to their presence at the Sales Days in Germany.

The course was conducted by Nadezhda Varbanova, Regional Compliance Officer, and Fernando Íscar Rüland, Senior Counsel CO/L&C-FA. Both experts provided comprehensive training on antitrust legislation, which aims to protect a free market system based on supply and demand. This system is fundamental to our society and economy, as it generates growth and creates jobs.

Antitrust laws seek to prevent restrictions on competition and establish a set of fair rules for all market players.

In this context, it was highlighted that agreements that restrict competition and collusion with competitors are strictly prohibited. This includes agreements on prices, price components, surcharges, catalog prices, minimum prices, bid prices, discounts, customer allocations, territorial agreements, production or order quantities, capacities, and other competitive parameters.

It was emphasized that both the company and each of its employees are responsible for ensuring compliance with this regulation. Violations have significant repercussions not only for the company but also for the employees involved. Since the boundary between what is legally permitted and what is not is not always clearly defined, it is crucial for workers to learn more about this topic to better identify critical situations.

In line with our 19601 Compliance certification, we reaffirm our commitment to continuous training and compliance with legal regulations, thus ensuring an ethical and competitive work environment.

tkMPE El Puig

Governance



MPE Connect

MPE Connect is an innovative web platform and application that provides real-time details about orders. This tool allows users to access updated information from anywhere and at any time, optimizing order management and improving operational efficiency.

Users can get an overview of their order and delivery status, track them at any time, and download relevant documents for the orders. This tool saves time thanks to its 24/7 availability, allowing users to access information from various terminal devices, facilitating connectivity and flexibility. It features a contact function for general inquiries, order-related issues, and claims.

In addition to MPE Connect, thyssenkrupp Materials Processing Europe offers a range of digital solutions and sustainable services.

Among these solutions is MPE easy entry, which allows receiving information about incoming goods reservations through barcodes, saving time and avoiding transmission errors.

There is also Vendor Managed Inventory, which optimizes inventory through automated arrangement of incoming material aligned with production figures, ensuring reliability. Another notable solution is EDI and MPE edi deluxe, which facilitates real-time electronic data transmission, ensuring security and avoiding transmission errors. Additionally, MPE control tower provides a data dashboard that offers an overview of planning and calling data, as well as suppliers, saving costs and time through intelligent planning of goods flows.

These solutions reflect our commitment to innovation, sustainability, and operational efficiency, providing our clients with advanced tools to improve their processes and reduce their environmental impact.

MPE Connect is one of the many digital tools we use to improve transparency and efficiency in our processes.

tkMPE El Puig

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