

The adoption of more sustainable solutions that utilize dry transformer technology is gaining market share and finding applications in innovative sectors.

SHAPING THE FUTURE

TMC'S DRIVE FOR
GLOBAL INNOVATION
AND SUSTAINABILITY



The transformers market is experiencing a favorable trend with numerous opportunities emerging. This trajectory is being driven by post-COVID investments across diverse applications, together with the initiative for new electrical infrastructures to facilitate the green transition. The adoption of more sustainable solutions that utilize dry transformer technology is gaining market share and finding applications in innovative sectors.

Additionally, in recent months, there has been a significant stabilization in the trend of raw material costs. Speculative fever that dominated 2021 and 2022 has subsided to more reasonable levels, fostering a more stable environment conducive to long-term project investment.

TMC stands as a leading player in the global transformer market, strategically positioning its products across all sectors that utilize dry transformers. Offering a range of technical solutions tailored to various applications, we constantly invest in R&D to explore innovative cooling systems, enhanced protections and advanced materials. Concurrently, significant steps have been made in expanding our production capabilities through the establishment of new facilities, coupled with the acquisition of state-of-the-art machinery. This expansion mirrors the substantial growth trajectory experienced by the TMC group, since its acquisition by H&F in 2017.



TMC faces its greatest challenge in managing tailored or special products and in relation to our strong position in this market, numerous customers express interest in collaborating with us.

However, the production of complex solutions for various special projects demands expertise and clear technical comprehension of end-user requirements, from both TMC and our customers as well as robust project management support from TMC.

Several applications are experiencing positive trends, largely driven by the need for new electrical infrastructure to support global growth and facilitate the transition towards a more sustainable economy. Significant investments are being made in hydrogen production, battery storage and e-mobility, alongside the continuous expansion of renewable energy sources. The data center market is also witnessing development, boosted by the surge in social media usage, the integration of artificial intelligence and the increasing reliance on cloud-based applications. Additionally, in regions such as North America, the shortage of oil transformers is catalyzing market growth for dry technology in outdoor solutions.

Looking ahead, TMC's vision encompasses maintaining technological leadership in dry transformer products while ensuring global reach to cater to primary markets beyond Europe. This involves establishing local footholds to offer enhanced customer proximity throughout the design, production, and after-sales service phases.



TMC's dedication to optimize production processes for waste and emission involves several key objectives in process engineering. Among these goals is the aim to produce transformers utilizing recyclable or recycled materials.

We also launched the project to obtain the EPD certification of our transformers, based on the reference PCR (Product Category Rules), using the results of the LCA studies (Life Cycle Assessment), carried out during the certified calculation of our carbon footprint (CFP). Furthermore, our efforts to reduce and recover waste, with 90% of waste materials, including mixed waste, wood packaging and plastics, being recovered by third-party entities. Additionally, we are exploring chemical processes to recover the resins utilized in our production processes.

TMC remains persistent in its investment strategy aimed at expanding its presence in the low and medium voltage transformers market. Our efforts include the acquisition of new buildings to increase capacity and the investment in state-of-the-art machinery. Last year, we established a manufacturing facility in the United States and an assembly workshop in Israel, aligning with our objective of localized presence in key markets. Furthermore, we inaugurated an office in Singapore to better serve customers in Southeast Asia.

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