

ESG in Manufacturing

SOLUTIONS AND SERVICES FROM EWI AND CWB



EWI: DEVELOPMENT TO PROMOTE SUSTAINABILITY IN INDUSTRY

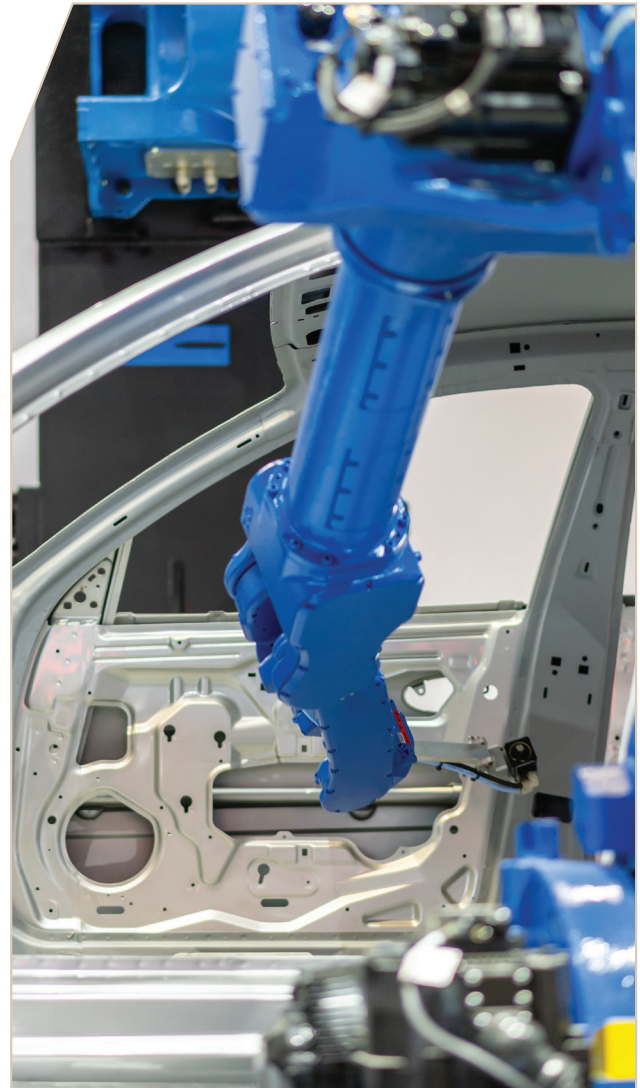
EWI has been able to provide significant help and support on the “E” part of ESG for nearly four decades. Almost all of what we do in our pursuit of advancing industrial technologies through engineering solutions resulting in the elimination of material waste, and reduction of energy consumption which result in a decreased carbon footprint. Here are just a few recent examples:

- *EWI developed a new type of power supply for resistance spot welding that dramatically reduces both power consumption and improves electrode life. This helped manufacturers reduce their energy usage and allow for decreased consumable costs and down time for maintenance achieving a 60% reduction in energy savings over traditional welding.*
- *EWI's novel resistance-based sintering technology significantly reduces energy demands by eliminating the need for expensive dies, furnaces, and post-process machining reducing total energy consumption by as much as 80%.*
- *EWI devised a unique method for ultrasonic package sealing which minimizes seal sizes, reduces material waste, and extends shelf life across products and industries achieving 8-12% total average material reduction.*

CWB: PROVIDING THE TOOLS AND EXPERTISE TO MEASURE RESULTS WITH ACCURACY

Beyond developing front-end, technical solutions that deliver positive environmental impacts, CWB has both the experience and the resources to assist with back-end measurements (based on ISO 50001) capable of helping customers quantify how much adoption of those solutions eliminates material waste, reduces energy consumption, and decreases their carbon footprint.

How can manufacturers apply ESG in their companies to meet their own goals as well as the goals of their stakeholders?



Why Turn to EWI and CWB for Help with ESG?

Given today's heightened attention to ESG, EWI and CWB are partnering to quantify and strengthen our joint commitment to a strong and effective ESG profile.

We are determined to identify more opportunities to help our customers reach, measure, and validate their own environmental goals. Our work is directed toward creating positive, applicable results and we are in a unique position to help customers seeking a competitive advantage through advanced manufacturing technologies that are demonstrably more environmentally sustainable and accountable.



Our Solutions Provide the Tools for You to...

**MEASURE YOUR
CURRENT SYSTEM
AND DETERMINE
BASELINE**



**DEVELOP THE
TECHNOLOGY TO
ACHIEVE SIGNIFICANT
CARBON REDUCTION**



**MEASURE TO VALIDATE
IMPROVEMENTS AFTER
IMPLEMENTATION**



Get Started

To learn more about how EWI can help you with ESG, please contact us at:

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