

# THE UPCOMING CHALLENGE



The 2nd Series  
Ingenics Corporation  
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## Using Sustainability to Increase Efficiency and Profitability

In our last article, we discussed the challenges in the aviation market in the current post pandemic world, particularly in the US and Europe. After providing a brief introduction and explaining the current situation, we concluded that companies must focus on lean manufacturing, environmental sustainability, and digitalization to enhance efficiency in manufacturing, labor, and energy utilization.

Our latest surveys and interviews reveal that many companies are generally aware of sustainability, but only 20% are taking action. However, we also discovered that companies implementing sustainability measures are experiencing direct advantages and increased competitiveness.

Through our own research and collaborations with helpful partners, we conducted recent use cases and determined that with the matured techniques available on the market today, it is possible to replace two-thirds of a company's energy consumption with self-generated renewable energy. This not only contributes to a greener world but also results in significant cost savings, freeing up working capital that is crucial to address the upcoming challenge of limited funding options and high investment costs for automation and efficiency improvements needed to face labor shortages.

Existing businesses, especially, hesitate to embrace this change due to daily operational problems. However, we are currently assisting our customers in making their planning transparent.

The transition from a standard brownfield manufacturing company to a carbon-neutral company should be viewed as an evolutionary process with four steps: 1) energy independence, 2) emission-free, 3) sustainable, and 4) carbon neutral.

**Going Green** is a complex process with many unanswered questions, which we understand and are committed to answering. Some of these questions include: How can I develop a sustainability strategy for my company? What steps are necessary to achieve energy independence? Can unavoidable emissions be offset?

The combination of strategy development, use cases, action plan definition, implementation, and change management play a crucial role in this endeavor.

Our commitment to quality, performance, and sustainability has driven our collaboration with customers. We recognize the importance of addressing ambitious climate targets in the aerospace industry, leading us to reevaluate established approaches and facilitate a transformative shift towards carbon neutrality.

Stay tuned for our upcoming article series, where we will delve deeper into the current state of the aviation industry and the post pandemic future of **Lean Green and Digital**. Exciting changes and solutions lie ahead as we work towards a greener future.

Would you like to have a discussion about it?

Get in touch  
with us!

