

Sustainable Development Goals



SUSTAINABLE DEVELOPMENT GOALS

1



NO POVERTY

2



ZERO HUNGER

3



GOOD HEALTH AND WELL-BEING

4



QUALITY EDUCATION

5



GENDER EQUALITY

6



CLEAN WATER AND SANITATION

7



AFFORDABLE AND CLEAN ENERGY

8



DECENT WORK AND ECONOMIC GROWTH

9



INDUSTRY, INNOVATION AND INFRASTRUCTURE

10



REDUCED INEQUALITIES

11



SUSTAINABLE CITIES AND COMMUNITIES

12



RESPONSIBLE CONSUMPTION AND PRODUCTION

13



CLIMATE ACTION

14



LIFE BELOW WATER

15



LIFE ON LAND

16



PEACE, JUSTICE AND STRONG INSTITUTIONS

17



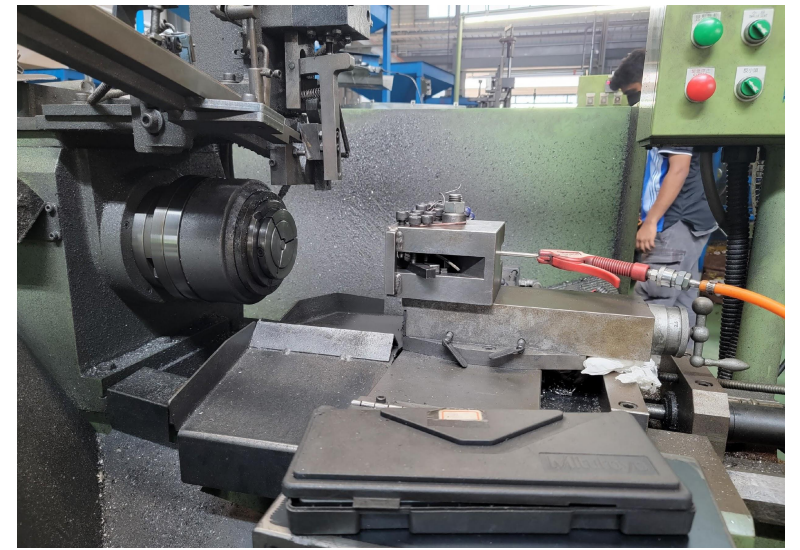
PARTNERSHIPS FOR THE GOALS



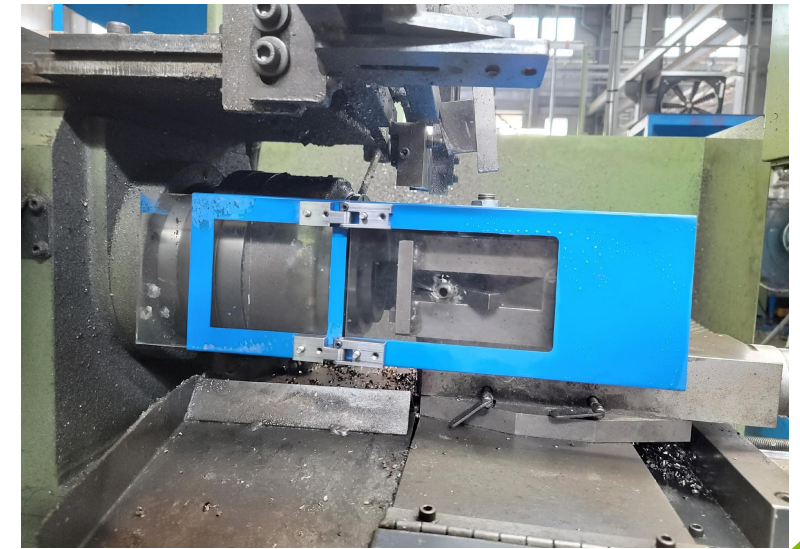
- ESG stands for Environmental, Social, and Governance
- ESG factors are non-financial considerations that can impact a company's long-term sustainability and performance
- Environmental factors include climate change, natural resource depletion, and pollution
- Social factors include human rights, labor practices, and community engagement
- Governance factors include executive compensation, board structure, and transparency
- We prioritize ESG considerations to reduce risk, improve resilience, and create long-term value for shareholders, employees, customers, and other stakeholders
- Integrating ESG considerations into decision-making processes has helped the company identify new opportunities, improve operational efficiency, and enhance stakeholder trust
- In this presentation, we will explore the importance of ESG and provide practical guidance on our company has integrated ESG considerations into their business strategies.

Industry Innovation and Infrastructure

- Traditional lathe machines often produce a significant amount of loose chips that can pose safety hazards to employees
- REDAI has designed and implemented a safety chuck shield that effectively reduces the amount of loose chips coming out of the lathe machines
- This innovative solution enhances workplace safety and productivity, and aligns with the United Nations Sustainable Development Goals (SDGs), particularly SDG 9: Industry, Innovation, and Infrastructure
- By reducing safety hazards, our safety chuck shield helps to protect employees from workplace injuries and illnesses, and can contribute to a more sustainable and responsible business environment
- In addition to promoting workplace safety, our safety chuck shield also helps to improve operational efficiency by reducing machine downtime and maintenance costs.



Before



After



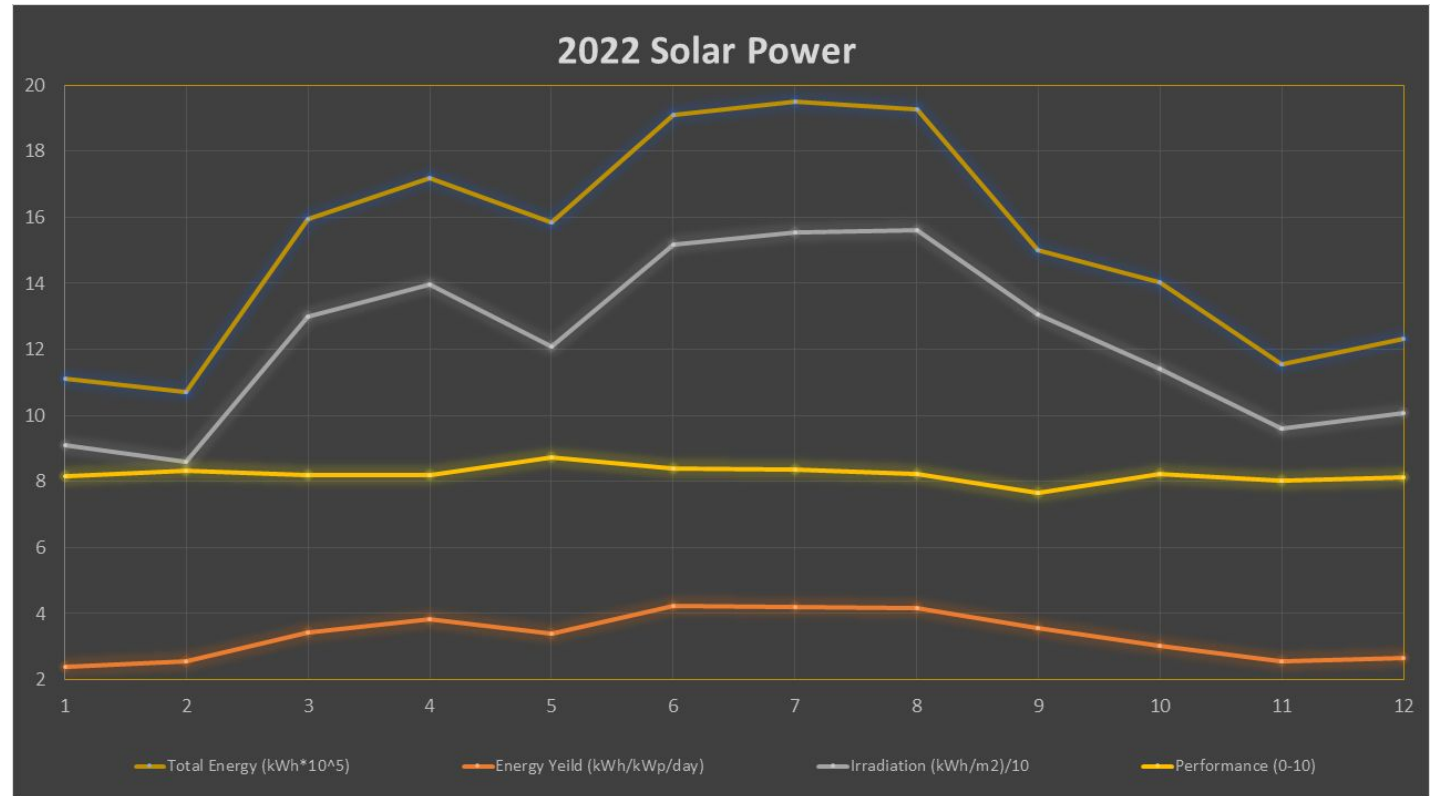
Affordable and Clean Energy

Average Total Energy
1815600 kWh

Average Energy Yield
3.3325 kWh/kWp/day

Average Irradiation
1471.6498 kWh/m²

Performance Ratio
82.18%



Responsible Consumption and Production

- Implementing sustainable practices in our manufacturing processes, such as reducing water usage, recycling water, and minimizing water pollution. In our company we have added a small slant to our CNC machines which will reduce the oil spillage from the machines on the ground. Also we have added a pressure gauge into our CNC machines which also reduced the oil spillage improving the sanitation of the facility.
- Supporting clean water and sanitation initiatives through our corporate social responsibility programs, by providing access to clean water and sanitation facilities in local communities, especially those that are underserved.
- Achieve the environmentally sound management of chemicals and all wastes throughout their life cycle to minimize their adverse impacts on human health and the environment.

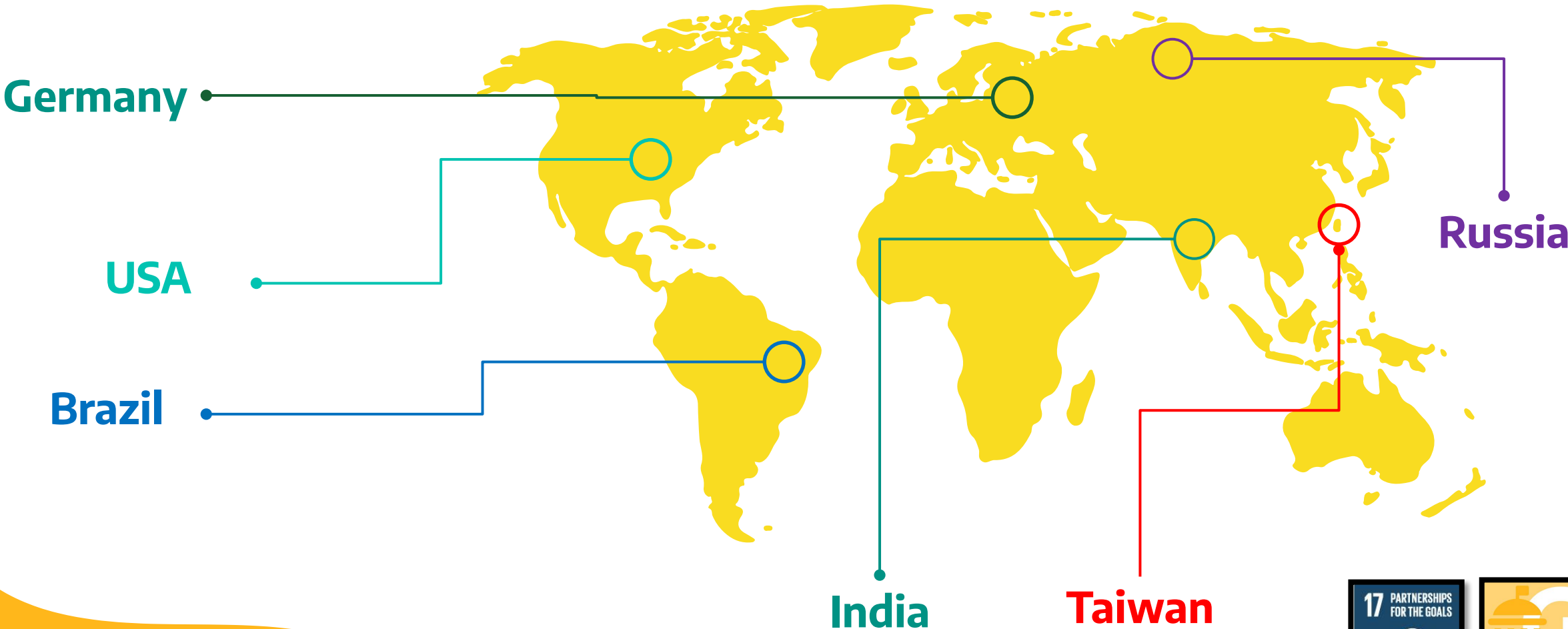


Partnership for Goals

- For CNC production lines, the most difficult key to automation is that the cutting end cannot be monitored. Common losses and costs include broken tool, vibration, tool wear and waste products.
- The above problems still need to be eliminated by experienced operators. CNC production lines can be more automated and efficient through the real-time measurement of cutting force signals. Includes accurate tool wear monitoring and automatic tool change.
- Through real-time monitoring of machining vibration and control of spindle, avoid tool breaking or chatter, resulting in workpiece and machine damage. Through the combination of sensor and cloud, the collected data can optimize the manufacturing process of products and shorten the product sampling cycle.
- For high tool cost or complex precision workpiece, only real-time monitoring of cutting force can make the production line intelligent and build reliable automation system.
- We partnered with Taiwan Smart Tool Holder, a Taiwan based start up company for testing their sensors.



Company's Customer Base



Gender Equality

48.3
%

Men

Workforce

51.7
%

Women

- Gender equality is an important aspect of REDAI's ESG framework.
- REDAI promote equal pay for male and female employees doing the same job.
- Recruitment and promotion processes are transparent and free from gender bias.
- Equal training and development opportunities are provided for male and female employees.
- A workplace culture that is inclusive and respectful of all genders are always promoted in our manufacturing plant and our administration office.
- By prioritizing gender equality, REDAI has created a more diverse, inclusive, and productive workforce, that contribute to a more sustainable and responsible business environment.



Quality Education

- REDAI Precision Tools is proud to announce its commitment to quality education and knowledge sharing through a partnership with National Chung Cheng University.
- As part of this initiative, we are privileged to collaborate with distinguished professors Juhchin Yang and Yung-Chou Kao, renowned experts in manufacturing applications.

- Our company, a leading precision tools manufacturer, places a strong emphasis on quality, innovation, and sustainability, integrating environmental, social, and governance (ESG) principles into our operations.
- By joining hands with these distinguished professors and their students, we aim to foster a culture of learning and provide practical experiences to enhance their education.
- Together, we strive to create opportunities for growth, learning, and innovation, while also making a positive impact on society.



Decent Work and Economic Growth

- At Redai we believe in offering training and professional development opportunities to employees to help them grow in their careers.
- Providing a work environment that values diversity, equity, and inclusion, and fosters a culture of respect and collaboration.
- Providing access to healthcare benefits and wellness programs to promote employee health and well-being.
- Encouraging employee engagement and feedback, and implementing their suggestions to continuously improve the work environment.
- Supporting employee work-life balance by offering paid time off, maternity/paternity leave, and other benefits that help employees manage their personal and professional responsibilities.

