



Automatization and productivity enhancement with a focus on automated assembly components



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Technology Forum 2024, 25.04.2024
Ioannis Vellidis Congress Centre
IFS Awards 2024



Πρόγραμμα
Κεντρική Μακεδονία
2021-2027



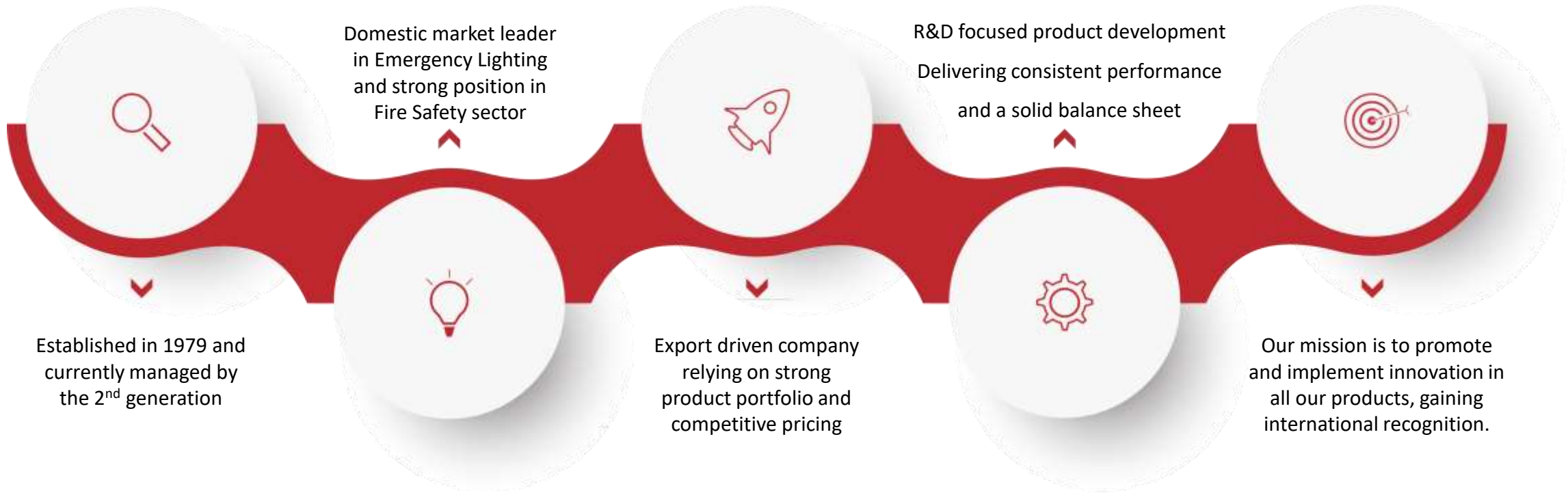
Table of Contents

- Company's Mission & Vision, Values and Services, global presence
- Company's Innovation Initiatives, ESG,
- Challenge
 - Project challenge
 - Challenge Description
 - Expected Results

SNAPSHOT



Leading European Player in Emergency Lighting



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SNAPSHOT



Innovative
Safety & Security
Systems



215+ employees,
of which 25% are
in the Research &
Development (R&D)
department



Exports
to more than
72 countries



European
manufacturer



Certified products
according to
European Standards

CORPORATE SOCIAL RESPONSIBILITY



OLYMPIA ELECTRONICS A.E. In recent years, through social corporate responsibility, it has strongly promoted responsibility, social conscientiousness, sensitivity, conscience and business ethics of the company, contributing to the support of society and the protection of the environment.

A key aspect is the management of environmental impact and natural resources. The company has taken all the measures and managed to reduce the consumption of resources, pollutant emissions and waste achieving double benefit for the company itself and for the environment.

An additional aspect is the external social responsibility, which concerns the extension of the company's responsibility to the local community, which includes public authorities, non-governmental organizations, etc. dealing with the environment and local communities. It contributes to the local community by providing jobs, social benefits as well as direct and indirect taxes, since its viability depends on the health, stability and prosperity of the community in which it operates.



With a strong emphasis on corporate social responsibility and achieving sustainable development, Olympia Electronics produces high quality products with a long service life. An important part of sustainable development are the practices of the circular economy where the product is designed from the beginning in such a way that it can be easily and economically reconstructed or made from scratch from recycled material.

So we adopt the idea of Think Green aiming at the development of sustainability by integrating the circular economy in all levels of our operation!

Demonstrating its awareness of social responsibility issues, Olympia Electronics decided to donate we4all, an environmental NGO.

This sponsorship will be used to educate the students of a school on environmental issues and the need for the contribution of each of us to the protection of our planet.

We4all is an NGO founded to help the earth heal and to remind people that this planet is our home.





Olympia Electronics SA highlights its commitment to support and promote sustainable development and the principles of Corporate Social Responsibility through a global strategy. The company operates in the field of production of integrated security systems and implements practices aimed at protecting the environment, the addition of social value and the development of corporate social responsibility.



Environmental Sustainability

Olympia Electronics SA undertakes actions to reduce the effects of climate change and protect the environment. In this context, the company has set strategic goals that include:

Recycling: The company recycled significant amounts of materials in 2022, helping to reduce waste and recycle resources. Specifically, it recycled plastic (33,900kg), paper (15,180kg), iron (3,450kg), aluminum (2,230kg), finished products (1,055kg), welding metals (500kg for 3 years), boards (144kg) and lamps (54kg).

Development of a sustainable development strategy: The company has developed a sustainable development strategy that includes circular economy practices and ESG approaches at all levels of its production. This strategy forms the basis for achieving the company's environmental goals.

Use of supercapacitors & LiFePO4: The company has invested in the use of supercapacitors and LiFePO4 in its emergency lights instead of conventional batteries. This technology offers a long life (up to 10 years) and reduces the amount of waste produced by battery production.

Social Value and Responsible Operation

The company has prioritized the creation of social value and responsible operation. This includes the definition of ESG criteria to monitor and improve its performance.

ESG Criteria: The company has identified and adopted a set of ESG indicators to measure its performance and set its goals. These indicators form the basis for making development decisions and increasing efficiency.

Olympia Electronics SA demonstrates its continued commitment to creating a greener and more sustainable business world. By adopting sustainable development practices, circular economy and ESG indicators, the company seeks to reduce its impact on the environment and add value to society. In 2022, the company demonstrated concrete successes in recycling, battery replacement and the use of ECO friendly packaging, strengthening its position as a pioneer in the field of sustainable development. Olympia Electronics, with these initiatives, is contributing towards a safer and greener world.



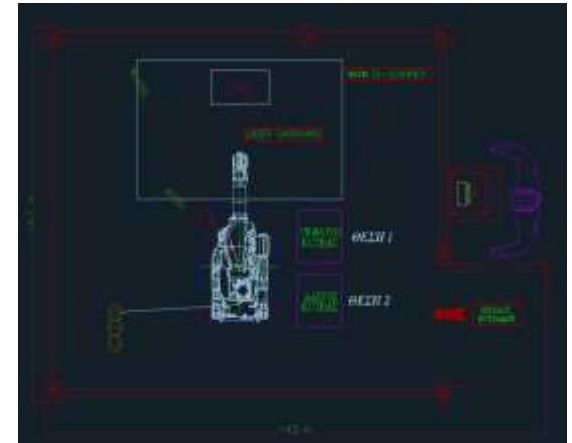
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Project challenge: Automatization and productivity enhancement with a focus on automated assembly components

Purpose of the project is :

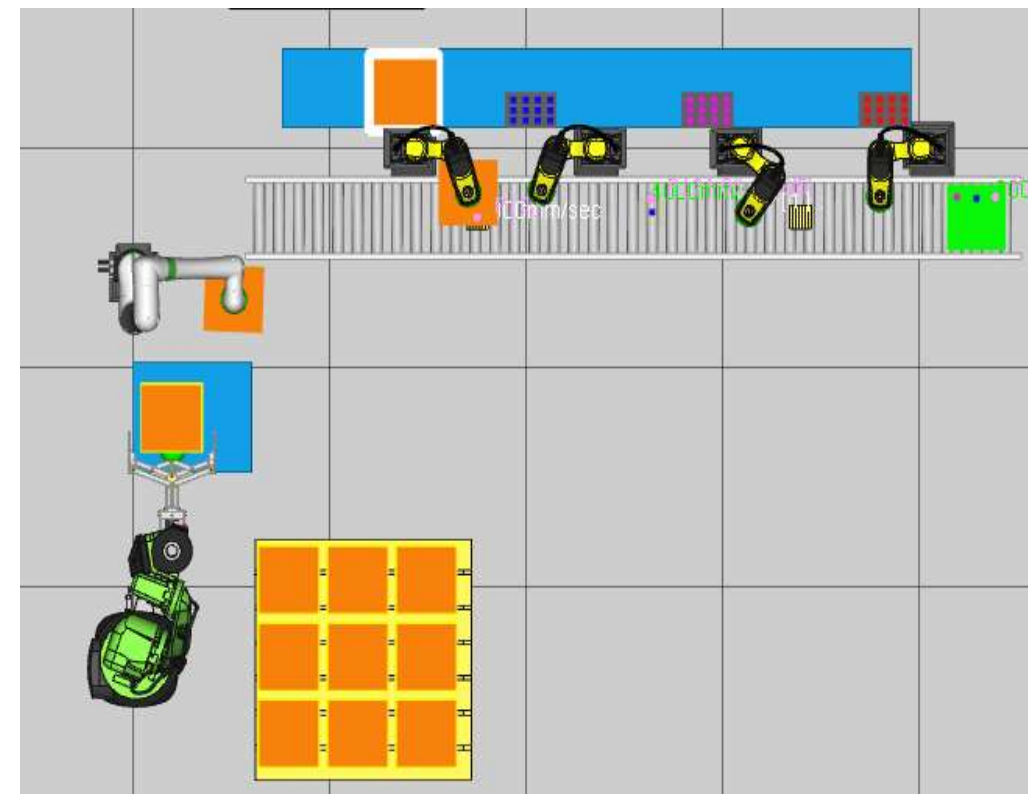
- use industrial robotic systems to perform production and assembly.
- automate the production procedure.
- Incorporate smart systems and for marking, recording, monitoring and transiting data in real time.



Aim

Introducing smart systems in the manufacturing and assembly and processing real time data will result in

- Making more efficient decisions.
- Increase of productivity
- Reduce takt time
- Increase quality
- Reduce wastes (e.g excess stock etc) and down time



Aim

- Important to reduce total carbon footprint.
 - Achieve paperless factory.
 - Better operating machines with implementation of predictive maintenance algorithms.
 - Reduce waste
- Upgrade workforce, through training and operating in industry 4.0 standards.
- Increase market share
 - Better quality
 - Decrease delivery times.
- Increase workforce



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