

Company: Aselsan A.Ş., Ankara, Turkey

Company Description: ASELSAN is the largest defense electronics company of Turkey, whose capability/product portfolio comprises communication and information technologies, radar and electronic warfare, electro-optics, avionics, unmanned systems, transportation, security, traffic, automation and medical systems. ASELSAN, having over 9000 employees, is on the list of the world's top 100 defense industry companies.

Nomination Category: Achievement Categories

Nomination Sub Category: Achievement in Environment, Social, and Governance

Nomination Title: Leading the Charge: ASELSAN's Pathway to a Net-Zero Future Through Innovation

1. Which will you submit for your nomination in this category, a video of up to five (5) minutes in length about the achievements of the nominated organization since 1 January 2023, OR written answers to the questions for this category? (Choose one):

Written answers to the questions

2. If you are submitting a video of up to five (5) minutes in length, provide the URL of the nominated video here, OR attach it to your entry via the "Add Attachments, Videos, or Links to This Entry" link above, through which you may also upload a copy of your video.

3. If you are providing written answers for your submission, you must provide an answer to this first question: Briefly describe the nominated organization: its history and past performance (up to 200 words):

Total 76 words used.

Founded in 1975, ASELSAN stands as one of Turkey's foremost defense and electronics companies. Established to fulfill critical national defense electronics needs, the organization has since expanded into sectors such as energy, transportation, security, and healthcare. With consistent investments in research and development, ASELSAN delivers high value-added, reliable products and integrated systems. In addition to technological achievements, ASELSAN has emerged as a leader in environmental responsibility and sustainability, setting benchmarks in both defense and civilian arenas.

4. If you are providing written answers for your submission, you must provide an answer to this second question: Outline the organization's achievements since the beginning of 2023 that you wish to bring to the judges' attention (up to 250 words):

Total 158 words used.

In 2023, ASELSAN advanced multiple strategic initiatives that underscore its commitment to sustainability and operational innovation. Two major solar power plant projects—with a combined capacity of 74 MWe/100 MWm—have not only bolstered energy independence but also contributed to an estimated 15% reduction in non-renewable energy consumption, cutting Scope-1 and Scope-2 emissions by approximately 64% per unit revenue relative to baseline levels. The company has set ambitious interim targets—including sourcing 100% renewable electricity by 2025 and achieving net-zero emissions by 2050—with plans to fully electrify its vehicle fleet by 2030. A noteworthy highlight is ASELSAN's recognition as the #1 ESG performer globally in the defense industry, as awarded by the London Stock Exchange Group (LSEG).

Moreover, ASELSAN implemented an innovative AI-based decision support system for human resource planning. With tailored features and custom models for each job category, this system has optimized the allocation of approximately 1,000 employees—ensuring fair workload distribution while reinforcing data-driven and sustainable employment practices.

5. If you are providing written answers for your submission, you must provide an answer to this third question: Explain why the achievements you have highlighted are unique or significant. If possible compare the achievements to the performance of other players in your industry and/or to the organization's past performance (up to 250 words):

Total 154 words used.

ASELSAN's 2023 initiatives set it distinctly ahead of its competitors. The renewable energy projects and fleet electrification directly support the company's decarbonization and energy independence ambitions—a transformative approach in an industry known for high energy usage. External validation from the CDP and Sustainability Report confirms significant improvements, including measurable reductions in carbon emissions and enhanced energy efficiency. Being designated as the global leader in ESG performance for the defense sector by LSEG underscores ASELSAN's unrivaled commitment to environmental, social, and governance excellence.

Furthermore, the AI-driven human resource planning system represents a breakthrough in operational innovation. By developing distinct models for each work category, ASELSAN streamlined workforce planning for nearly 1,000 personnel, substantially increasing efficiency and fairness. In tandem with pioneering clean transportation projects such as Turkey's first 100% domestically produced electric bus—the Avenue EV—these initiatives highlight ASELSAN's ability to merge technological innovation with environmental responsibility, setting a powerful example within the defense industry.

6. You have the option to answer this final question: Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words):

Total 164 words used.

The claims and achievements presented in this nomination are substantiated by ASELSAN's latest Sustainability Report and CDP Climate Change Report, which provide third-party verified data and detailed metrics. These reports document measurable outcomes such as a 15% reduction in non-renewable energy use, emission intensity cuts of approximately 64% per revenue unit, and quantified progress toward a 75 MW on-site solar power plant that is set to eliminate tens of thousands of tons of CO₂ annually. The company's proactive "Zero Waste" program and water conservation initiatives further underscore its operational excellence.

Moreover, official documentation verifying ASELSAN's #1 ESG ranking in the defense industry by LSEG, its carbon disclosure history (including an "A-" rating in CDP Climate Change, Water Security, and Supply Chain assessments), and its longstanding inclusion in Borsa İstanbul's Sustainability Index collectively serve as compelling evidence of its industry leadership. These attachments, along with detailed internal metrics and community engagement records, form a robust, data-driven foundation validating ASELSAN's strategic and innovative milestones throughout 2023.

Attachments/Videos/Links:

[Leading the Charge: ASELSAN's Pathway to a Net-Zero Future Through Innovation](#)



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