



MIDAL LAUNCHES THE “MIRECAL” SERIES OF RECYCLED ALUMINIUM

MiRecAL is a new series of recycled aluminium bars developed in line with Midal's goals to reduce the carbon footprint of its products. The series includes two products that contain 15% and 30% recycled aluminium, respectively. These products contribute to a reduction in greenhouse gas emissions of up to 29% compared to traditional bar manufacturing processes. This initiative supports the transition to a low-carbon economy and reflects the company's ongoing commitment to promoting sustainability in the industrial sector.

RECONNECT WITH FRIENDS AT ARABAL 2025



Arabal 2025 (4-6 November) will bring together over 600 high-profile delegates worldwide, including leading aluminium organisations, technology suppliers, aluminium users, and traders, for three days of knowledge-sharing, strategic networking, and business development.

The Gulf region is now the largest aluminium-producing hub globally, with products exported to over 65 countries. Aluminium is the second-largest industry in the area after oil and gas. This year's Arabal will offer critical insights into market trends, technological advancements, and the geopolitical forces shaping the global aluminium landscape.

MAADEN SECURES RENEWABLE ENERGY DEAL

Maaden has signed a Power Purchase Agreement (PPA) with Emerge to provide renewable energy to its Al Baitha bauxite mine.

Under this agreement, Emerge will develop a solar power project that will supply the Al Baitha bauxite mine with clean, renewable energy for the next 30 years.

The off-grid energy facility is expected to generate approximately 17,300 MWh of electricity annually. It will feature a ground-mounted 8 MWp solar photovoltaic array and a 30 MWh battery energy storage system. This configuration will help manage the intermittent nature of solar energy production and ensure a consistent supply of electricity 24/7, allowing the Al Baitha bauxite mine to operate almost entirely on renewable energy.

The project is projected to help avoid around 13,800 tonnes of carbon dioxide emissions yearly, equivalent to removing more than 3,000 cars from the road annually.



EGA MAKES LOW - CARBON ALUMINIUM BREAKTHROUGH

EGA has achieved a breakthrough in producing low-carbon aluminium using clean electricity from the Emirates Nuclear Energy Company (ENEC) at the Barakah plant in Al Dhafra, Abu Dhabi, UAE. The Emirates Water and Electricity Company (EWEC) supplies it via the national grid.

The electricity is certified through the UAE's Clean Energy Certification programme using the International REC Standard (I-REC).

The Barakah plant will generate 40 terawatt-hours of clean electricity annually, accounting for around 25% of the UAE's electricity needs.

Carbon-free electricity from Barakah avoids 22.4 million tons of carbon emissions each year, equivalent to removing 4.8 million cars from the road.

The low-carbon aluminium, MinimAL, will be supplied to CANEX Aluminium, an Egyptian downstream producer.





ALBA CELEBRATES THE ON-THE-JOB TRAINING SCHEME

Alba recently held a ceremony to honour students who have completed their On-the-Job Training (OJT) programs. This year, Alba experienced remarkable growth in OJT placements, with 300 trainees—an increase of 35% compared to the same period in 2024. Notably, 38% of this year's trainees are female, reflecting Alba's commitment to promoting gender diversity in the industrial sector. Furthermore, 95% of the trainees are from universities and institutions based in Bahrain.



EGA’S FEMALE WORKFORCE INCREASES

Since Emirati Women's Day 2024, more than 180 women have joined EGA, including 96 UAE nationals. Currently, EGA employs 714 women in the UAE, of whom 445 are nationals. Among these, 330 women hold operational roles, with over 50% being Emiratis.

Initiatives such as the Challenger Programme, launched in 2023, where member companies collaborate on projects to promote inclusive recruitment, empower female talent, and foster progressive workplace cultures. Additionally, EGA has launched the "Made by Many" campaign to celebrate Emirati women's contributions to the UAE's industrial sector.

In 2025, we will commemorate 50 years since the establishment of the General Women's Union.



SOHAR ALUMINIUM SIGNS MOUS FOR COMMUNITY PROJECTS

Sohar Aluminium has signed Memoranda of Understanding (MoUs) with several institutions to support community and social projects. The agreements include:

- Collaboration with the Health Endowment Foundation ‘Athar’ to promote sustainable healthcare initiatives.
- Funding for constructing the Bahla Cultural Centre for Science and Innovation.
- Financial support for purchasing electronic donation devices for the ‘Siraj’ foundation, which assists financially disadvantaged students in continuing their higher education.



EGA COMPLETES ALUMINA EXPANSION

EGA has completed an expansion of its Al Taweelah alumina refinery, which will increase production by 50,000 tonnes per year. This project involved installing a third ball mill at the refinery, which enhanced operational resilience and facilitated future production growth at the UAE’s only alumina refinery. The entire project was executed by EGA’s in-house teams, covering everything from engineering design and project management to construction and commissioning. The construction phase was accomplished in under two and a half years, with over 650,000 hours of work completed without a single Lost Time Injury. Last year, the Al Taweelah alumina refinery supplied 49% of EGA's total alumina needs.

SOHAR ALUMINIUM SUPPORTS THE NEW GENERATION OF ENVIRONMENTALISTS



In collaboration with the Environment Authority of Oman, a workshop was organised for 30 students from various higher education institutions. This event is part of the Environmental Training Academy Project, which aims to prepare a new generation of environmental professionals who will lead future environmental efforts in the country.