

OUR FUTURE BEGINS WITH SUSTAINABILITY



## Creating a better world for future generations begins with sustainability

We believe that we can create a sustainable world together with our stakeholders.

The UN Sustainable Development Goals are our guiding corporate principles for our business processes. By producing renewable energy, recycling aluminium in our integrated facility and by applying the global sustainability principles to our business processes, we produce the future without wasting it.



Interpack 2023  
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Aluminium for the packaging industry

## Assan Alüminyum invests in sustainability

Assan Alüminyum, a subsidiary of the Kibar Group, is a producer of flat-rolled aluminium with an installed annual production capacity of 360,000 tonnes of aluminium strips, sheets, foils and pre-painted strips.

The company is currently investing heavily in its sustainability.

Assan Alüminyum is committed to the core values of reliability, flexibility, innovation and sustainability and serves a wide range of sectors including packaging, distribution, construction, automotive, consumer durables and HVAC.

The fast-growing packaging sector is one of Assan Alüminyum's strategic priorities. The company is one of the two largest producers of aluminium foils in Europe with an annual production capacity of 13,000 tonnes. These flat rolled aluminium foils are mainly used as raw material in the food packaging industry.

Aluminium foil is a very versatile and sustainable material for packaging products. It enables resource efficiency due to its lightness and reduces food waste due to its impermeability to heat, moisture and light. It is therefore an irreplaceable component for flexible packaging products. Its properties make it the material of choice for many different applications, such as flexible packaging, wrinkle wall and smooth wall food packaging, household foil, blister foil, cigarette foil, lidding foil and bottle caps.

Assan Alüminyum's packaging film products comply with international food contact certifications such as the NSF (National Sanitation Foundation) certificate, which certifies safe use in food packaging. In addition, the company supports the international food supply chain in accordance with the recently obtained ISO 22000 Food Safety Management certificate.

Assan Alüminyum is aware of its responsibility and sets its business and investment plans under the motto "Producing the future without wasting it". Sustainability-focused compo-

nents are prioritised in the new investment plans.

The company is currently in the process of implementing a series of investment plans worth almost USD 100 million, which are expected to be completed by 2024. The investments in the cold rolling facilities include the modernisation of the existing facilities and the installation of a new, more energy-efficient, faster and state-of-the-art cold rolling facility. This plant is expected to be able to better serve the consumer durables, automotive, HVAC and construction sectors.

The installation of five new continuous casting (CC) plants by 2024 is part of this series of investments. With a total of 24 continuous casters, Assan Alüminyum is expected to have the largest continuous casting capacity in the whole of Europe and the Americas. In addition, new filter systems will be installed on the existing casting lines, enabling the company to further reduce its overall carbon footprint.

The manufacturer is committed to reducing its natural gas and electricity consumption through the energy efficiency projects it undertakes each year. The decarbonisation effect of the energy efficiency projects implemented over the last nine years is equivalent to planting 3.2 million trees.

The company is also committed to further reducing its carbon footprint through its renewable energy production facility in Manavgat, Turkey,

where it produces clean energy in an amount equivalent to the annual energy consumption of 50 000 households. The company is able to fully offset its Scope 2 emissions through the International Renewable Energy Certificates (I-REC) it acquires and purchases.

As part of its contribution to environmental sustainability, Assan Alüminyum processes internal and external scrap from

100% recyclable aluminium in its integrated recycling plant. The use of recycled raw materials in Assan Alüminyum's products has increased by 45% over the last seven years. The company has also reduced its water consumption by 21% in the last six years.

The Performance Standard Certificate awarded to the company by the Aluminium Stewardship Initiative (ASI) con-



Göksal Güngör, Managing Director, Assan Alüminyum

Picture: Assan Alüminyum



Many different types of packaging are made from aluminium.

Picture: by-studio - stock.adobe.com

irms that the company's production and recycling facilities operate in line with the sustainability framework set by the ASI for the entire global aluminium value chain. Assan Alüminyum's Managing Director, Göksal Güngör, further explains: "We are the first flat rolled aluminium producer in Turkey to receive this certification. This is both an important milestone and a valuable guide for our company's future sustainability journey."

Assan Alüminyum is also developing some social responsibility projects that focus on social and environmental sustainability. Güngör explains some of these projects in more detail: "Our social responsibility projects include our biodiversity conservation project, which is carried out in cooperation with Kocaeli University. Under this project, two endangered plants, *Amsonia orientalis*, also known as Blue Star, and

*Pancreaticum maritimum*, also known as Sea Narcissus, were propagated in the wild. As an extension of this project, we have supported a play called *Sea Daffodils*, which highlights the decline in biodiversity through a metaphorical perspective on marital relationships and gender equality. Our other projects include our company's contribution to gender equality by supporting the women entrepreneurs of the Manavgat Women's Cooperative and supporting the education of 1,000 schoolgirls through Unicef's Leader Girls of the Future project. We also participate in numerous reforestation projects and donate saplings on behalf of our business partners and employees to neutralise the carbon footprint of our customer events. We also contribute to the creation of new forests by planting trees each year in an amount equal to the volume of wooden pallets used in our production facilities." The company strives to create lasting value with a focus on the local communities where its operations are located. ●